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進階生物科技股份有限公司

服務專線: 0800-251302

The Source for **Carbohydrates and Nucleosides**



# About Carbosynth

Carbosynth is a specialist chemical company primarily working in the fields of carbohydrates, nucleosides and fine chemicals. We aim to offer a broad range of products to the international R&D communities in the following catalogues:

**Enzyme Substrate and Detergent Catalogue**

**Monosaccharide Catalogue**

**Oligosaccharide Catalogue**

**Polysaccharide Catalogue and Handbook**

**Nucleoside Catalogue**

**Impurity and Metabolite Catalogue**

**Fine Chemical Catalogue (CD format)**

**Full Product Catalogue (CD format)**

The catalogues have over **30,000** products, of which over half are in stock. Although our catalogue listings are for R&D quantities, many are produced in bulk or can be scaled-up so we are happy to quote for semi-bulk and bulk quantities.

In our labs we synthesise many of the more complex catalogue products as well as undertaking custom synthesis work. Our focus is on the synthesis of complex carbohydrate building blocks, glucuronides, nucleosides, phosphoramidites, mono- and tri-phosphates. In addition we offer a range of fine chemicals, many of which are versatile building blocks or have specialist applications ranging from biochemical reagents, API impurities, diagnostic reagents to natural antioxidants. The core technologies include the synthesis of unnatural sugars and nucleosides that are of increasing interest to pharmaceutical and biotech discovery programs. We also have experience in a wide range of protection and activation strategies.

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In 2017 we opened new laboratories at our Compton site to support the growing demand from our clients for custom synthesis. Our team of scientists are highly motivated and committed to providing in-time development and delivery of quality compounds. If the product you require is not included in the catalogue please ask us to quote on a custom synthesis basis.



The Source for **Carbohydrates and Nucleosides**



## How to Use this Catalogue

Products within this catalogue are listed alphabetically by systematic name. Prefixes such as bis, tris, tetra are considered to be part of the alphabetical name whereas numerical, elemental and stereochemical identifiers are not. For example 5-O-(tert-Butyldimethylsilyl)-2,3-O-isopropylidene-D-ribofuranose appears in the B's section.

Commonly used names and acronyms can also be found in the alphabetical listing and are cross-referenced to their systematic name.

For example Water Soluble Carbodiimide and its acronyms WSC, EDAC, EDC are all listed alphabetically and cross-referenced to 1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide HCl.

It is also possible to find a product if you know its Chemical Abstracts Service Registry Number (CAS), its formula or its Carbosynth product code. The CAS Index is arranged in ascending order and cross-referenced to the alphabetical list. In some unusual cases where we feel that a product has more than one commonly used CAS, then all appear in the CAS Index cross-referenced to the alphabetical list. The Carbosynth Product Code Index is arranged in ascending alphanumeric order and cross-referenced to the alphabetical list.

If the product that you require is not listed in the catalogue please enquire as we may have updated our product list since the publication of the catalogue. We may also be able to offer the product you require as a custom synthesis.

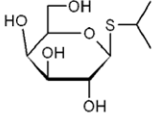
## Key to Product Listing

Product Name —● **Isopropyl b-D-thiogalactopyranoside - non-animal origin** —● Product Grade

Synonym or Acronym —● • IPTG non-animal origin —● Formula

CAS Registry Number —● [367-93-1] C<sub>9</sub>H<sub>18</sub>O<sub>5</sub>S 238.30 —● Formula Weight

Product Code —● EI05931 —● Prices

Structure —●  —● Typical Pack Size

10g	\$35.00
25g	\$60.00
50g	\$95.00

**Refs:** Lama J, et al, Gene 1992, 117, 185; Zhang Y, Moss B, Natl. Acad. Sci. USA, 1991, 88, 1511; Rodriguez JF, Smith GL, Nucleic Acids Res. 1990, 18, 5347; Date T, et al, Biochem. Biophys. Res. Commun. 1988, 151, 598; Lee SG, et al, Biochemistry 1988, 27, 2983

## Product Usage

Carbosynth's products are intended for research purposes only. They are not to be used for any other purposes including, but not limited to, usage in drugs, cosmetics or foodstuffs. The purchaser has the responsibility to independently verify hazards and risks associated with handling or using products purchased from Carbosynth and ensure that the purchaser's employees and any associates who come into contact with the products understand these hazards and risks.

The Source for **Carbohydrates and Nucleosides**



## How to Order

To place an order or make a product enquiry please contact us by phone, fax, email or post. Our contact details are as follows:

### **Carbosynth Limited**

Axis House, High Street  
Compton, Berkshire  
RG20 6NL. United Kingdom

☎ 44 1635 578444

☎ 44 1635 579444

✉ orders@carbosynth.com

### **Carbosynth US LLC**

7887 Dunbrook Road, Suite F  
San Diego, CA 92126. USA

☎ 888-681-2933 (toll-free)

☎ 858-779-9911

☎ 858-605-0807

✉ sales@carbosynth.com

### **Carbosynth China Ltd**

Suite 421, Building A2  
218 Xinghu Street  
Suzhou Industrial Park  
215123. China

☎ 86 512 6260 5585

☎ 86 512 6260 5576

✉ sales@carbosynth.com

### **Carbosynth India**

T-1. Block 2, Jains KK Gardens  
Vembuli Amman Kovil Street  
West KK Nager  
Chennai 600 078. India

☎ 91 44 420 16316

✉ enquiries@carbosynth.com

On-line ordering and payment can be made by credit card at [www.carbosynth.com](http://www.carbosynth.com) or by ringing 44 1635 577667, or for US & Canada 858-779-9911

In all cases, please supply the following information with your purchase order:

- Name of company or organisation
- Delivery address
- Invoice address and VAT number
- Contact name and phone number
- Carbosynth product code
- Purchase order unique reference or number

In the interests of Health and Safety we are unable to supply chemicals to private individuals or residential addresses.

The Source for **Carbohydrates and Nucleosides**



## Prices

All prices are on an EXW basis in US Dollars (\$) and are subject to alteration at any time. Actual transport costs vary and depend on weight, hazard class and destination. Any transport costs and hazardous surcharges are indicated on our invoices and we endeavour to minimise these. A guide to our transport and hazard charge is given below and we will advise you if the costs are higher than those in the table, prior to delivery.

Destination	Gross Weight	Transport Charge	Hazard Charge
Europe*, USA & Canada	< 0.5 kg	\$35	\$75
	0.5 - 2.5 kg	\$50	\$75
	2.5 - 5 kg	\$65	\$75
UK	< 0.5 kg	\$20	\$75
	0.5 - 2.5 kg	\$20	\$75
	2.5 - 5 kg	\$25	\$75
China, Australia, New Zealand, Russia & Ukraine	< 0.5 kg	\$60	\$150
	0.5 - 2.5 kg	\$75	\$150
	2.5 - 5 kg	\$90	\$150
India**	< 0.5 kg	\$45	\$90
	0.5 - 2.5 kg	\$60	\$90
	2.5 - 5 kg	\$80	\$90
Rest of World***	< 0.5 kg	\$60	\$90
	0.5 - 2.5 kg	\$75	\$90
	2.5 - 5 kg	\$90	\$90

\* Additional costs apply to hazardous shipments to Greece, Norway, Poland, Romania and some regions in Spain

\*\* Hazardous shipments are to the following airports only: Mumbai, Hyderabad, Bangalore and New Delhi. An additional cost of \$100 applies to hazardous shipments to Hyderabad airport

\*\*\* Some restrictions apply and some additional costs apply to some territories. These will be advised on request.

Different carriers have different restrictions on the hazardous classes and territories they serve. Our preferred carrier is FedEx, although the actual carrier will depend on the hazard class and the final destination. If you wish to have products shipped by your chosen carrier please include your carrier's name and account number on your purchase order. We reserve the right to alter the method of shipment if we deem that it does not comply with regulations or that the product will not be delivered in good order.

If you wish to purchase in Pounds (£) or EURs (€) please enquire or visit our website.

The Source for **Carbohydrates and Nucleosides**



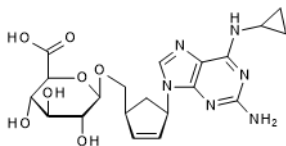
# **Alphabetical Listing**



**Abacavir 5'-b-D-glucuronide**[384329-76-4] C<sub>20</sub>H<sub>26</sub>N<sub>6</sub>O<sub>7</sub> 462.46

MA10017

1mg	\$231.00
2mg	\$420.00
5mg	\$950.00



Refs: McDowell J, et al, Antimicrob. Agents Chemother, 1999,43, p2855

**Abietin**see *Coniferin*, MC16663 on page 150**Acanthoside D**see *Syringaresinol-di-O-glucoside*, MS33277 on page 510**Acedoben-acyl-b-D-glucuronide**

- 1-[4-(Acetylamino)benzoate]-b-D-glucopyranuronic acid
- 1-(p-Acetamidobenzoate)-b-D-glucopyranuronic acid
- PADB-b-D-glucuronide

[34220-56-9] C<sub>15</sub>H<sub>17</sub>NO<sub>9</sub> 355.3

MA44744

Price On Application

**Acegestrodine**see *2,3,4,6-Tetra-O-acetyl-4-(hydroxymethyl)phenyl-b-D-glucopyranoside*, MT15465 on page 533**Acemetacin-acyl-b-D-glucuronide**[1260603-31-3] C<sub>27</sub>H<sub>26</sub>ClNO<sub>12</sub> 591.96

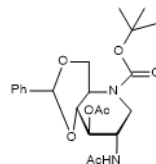
MA44742

5mg	\$775.00
10mg	\$1450.00
25mg	\$3125.00

**(2R,3R,4R,5R,6R)-5-acetaMido-2-(acetoxymethyl)-6-(2-(2-(benzyloxy carbonyl amino)ethoxy)ethoxy)tetrahydro-2H-pyran-3,4-diyl diacetate**see *2-Acetamido-3,4,6-tri-O-acetyl-1-O-[(N-Cbz-aminoethoxy)ethoxy]-2-deoxy-b-D-galactopyranose*, MA137616 on page 21**2-Acetamido-3-O-acetyl-4,6-benzylidene-N-Boc-1,2,5-trideoxy-1,5-imino-D-glucitol**[133697-31-1] C<sub>22</sub>H<sub>30</sub>N<sub>2</sub>O<sub>7</sub> 434.48

MA04440

Price On Application

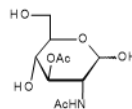
**2-Acetamido-3-O-acetyl-2-deoxy-D-glucopyranose**

- 2-(Acetylamino)-2-deoxy-D-glucose 3-acetate

[51449-93-5] C<sub>10</sub>H<sub>17</sub>NO<sub>7</sub> 263.24

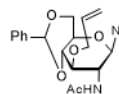
MA03184

1g	\$410.00
2g	\$800.00
5g	\$1500.00

**2-Acetamido-3-O-allyl-4,6-O-benzylidene-2-deoxy-b-D-glucopyranosyl azide**C<sub>18</sub>H<sub>22</sub>N<sub>4</sub>O<sub>5</sub> 374.4

MA07477

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

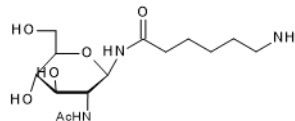
**2-Acetamido-N-(ε-aminocaproyl)-2-deoxy-b-D-glucopyranosyl amine**

- CNAG

[112898-10-9] C<sub>14</sub>H<sub>27</sub>N<sub>3</sub>O<sub>6</sub> 333.38

MA03186

25mg	\$367.50
50mg	\$630.00
100mg	\$1155.00



## Acetamidoami

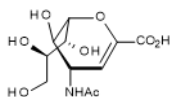
**(4S,5R,6R)-5-Acetamido-4-amino-6-((1R,2R)-2,3-dihydroxy-1-methoxypropyl)-5,6-dihydro-4H-pyran-2-carboxylic Acid**see *5-(Acetylamino)-4-amino-2,6-anhydro-3,4,5-trideoxy-7-O-methyl-D-glycero-D-galactonon-2-enonic acid*, MA58735 on page 27**4-Acetamido-2,6-anhydro-3,4-dideoxy-D-glycero-D-galactonon-2-enonic acid**

- iso-Neu4Ac2en
- 4-Acetylamino-Kdn2en

[263155-11-9] C<sub>11</sub>H<sub>17</sub>NO<sub>8</sub> 291.25

MA05709

1mg	\$295.00
2mg	\$540.00
5mg	\$1050.00



Refs: Sun X-L, et.al, Carbohydr. Res. 2000, 323, p1

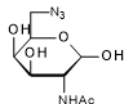
**2-Acetamido-6-azido-2,6-dideoxy-D-galactopyranose**

- 6-Azido-6-deoxy-N-acetyl-D-galactosamine

[1190619-44-3] C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 246.22

MA59802

50mg	\$950.00
100mg	\$1300.00
250mg	\$1560.00

**2-Acetamido-6-azido-2,6-dideoxy-D-glucopyranose**C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 246.22

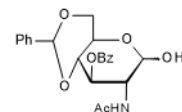
MA138939

Price On Application

**1-(p-Acetamidobenzoate)-b-D-glucopyranuronic acid**see *Acedoben-acyl-b-D-glucuronide*, MA44744 on page 9**2-Acetamido-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-D-glucopyranose**C<sub>22</sub>H<sub>23</sub>NO<sub>7</sub> 413.42

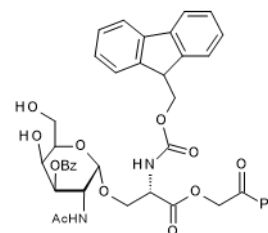
MA06747

1g	\$157.50
2g	\$262.50
5g	\$420.00

**2-Acetamido-3-O-benzoyl-2-deoxy-a-D-galactopyranosyl Fmoc serine phenacyl ester**[172939-67-2] C<sub>41</sub>H<sub>40</sub>N<sub>2</sub>O<sub>12</sub> 752.78

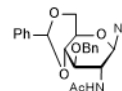
MA07251

5mg	\$126.00
10mg	\$210.00
25mg	\$420.00

**2-Acetamido-3-O-benzyl-4,6-O-benzylidene-2-deoxy-b-D-glucopyranosyl azide**[80887-27-0] C<sub>22</sub>H<sub>24</sub>N<sub>4</sub>O<sub>5</sub> 424.46

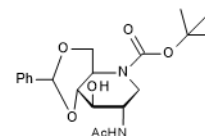
MA07478

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

**2-Acetamido-4,6-O-benzylidene-N-Boc-1,2,5-trideoxy-1,5-imino-D-glucitol**C<sub>20</sub>H<sub>28</sub>N<sub>2</sub>O<sub>6</sub> 392.45

MA04441

1mg	\$183.80
2mg	\$315.00
5mg	\$630.00

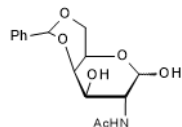


**2-Acetamido-4,6-O-benzylidene-3-O-(L-1-carboxyethyl)-2-deoxy-a-D-glucopyranoside benzyl methyl ester**see *Benzyl N-acetyl-4,6-O-benzylidene-a-isomuramic acid methyl ester*, MB16623 on page 103**2-Acetamido-4,6-O-benzylidene-2-deoxy-D-galactopyranose**

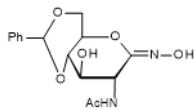
• 4,6-O-Benzylidene-N-acetyl-D-galactosamine

[420118-03-2] C<sub>15</sub>H<sub>19</sub>NO<sub>6</sub> 309.31

MA04491

100mg \$64.00  
250mg \$125.00  
500mg \$205.00**2-Acetamido-4,6-O-benzylidene-2-deoxy-D-gluconhydroximo-1,5-lactone**[132063-03-7] C<sub>15</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub> 322.31

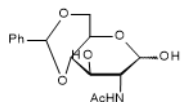
MA06743

50mg \$210.00  
100mg \$315.00  
250mg \$525.00**2-Acetamido-4,6-O-benzylidene-2-deoxy-D-glucopyranose**

• N-Acetyl-4,6-benzylidene-D-glucosamine

[29776-43-0] C<sub>15</sub>H<sub>19</sub>NO<sub>6</sub> 309.31

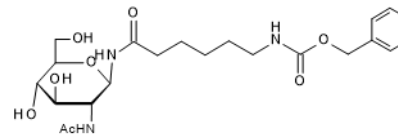
MA03185

5g \$89.30  
10g \$150.00  
25g \$315.00Refs: Santhanam B, Wolfert MA, Moore JN, Boons G-J  
. Chemistry - A European Journal 2004, 10,19 , p4798 - 4807**2-Acetamido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranosyl azide**[168397-51-1] C<sub>15</sub>H<sub>18</sub>N<sub>4</sub>O<sub>5</sub> 334.33

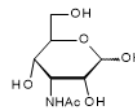
MA34871

1g \$183.80  
2g \$336.00  
5g \$708.80**2-Acetamido-3-O-(D-1-carboxyethyl)-2-deoxy-D-glucose methyl ester**see *N-Acetylmuramic acid methyl ester*, MA10020 on page 38**2-Acetamido-N',N-cbz-epsilon-aminocaproyl-2-deoxy-b-D-glucopyranosyl amine**[56146-89-5] C<sub>22</sub>H<sub>33</sub>N<sub>3</sub>O<sub>8</sub> 467.51

MA03187

5mg \$85.00  
10mg \$150.00  
20mg \$260.00**3-Acetamido-3-deoxy-D-allose**[102185-26-2] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

MA09224

100mg \$315.00  
250mg \$525.00  
500mg \$840.00Refs: Coxon B, Hough L,  
. J. Chem. Soc, 1961, p1643**2-Acetamido-2-deoxy-N-(2-(2-aminoethoxy)ethoxy)acetylaminohexanoyl-beta-D-glucopyranosylamine**C<sub>20</sub>H<sub>38</sub>N<sub>4</sub>O<sub>9</sub> 478.54

MA76693

Price On Application

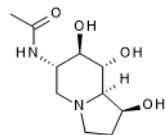
**2-Acetamido-2-deoxy-3-O-(D-1-carboxyethyl)-D-glucopyranose**see *N-Acetylmuramic acid*, MA05012 on page 38

## Acetamidodeo

## 6-Acetamido-6-deoxycastanospermine

[134100-29-1] C<sub>10</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>·xH<sub>2</sub>O 230.26 (anhydrous basis)

MA10110	5mg	\$262.50
	10mg	\$420.00
	25mg	\$919.00



Refs: Miller L, et.al, Glycobiology 1996, 6 p6196

## 2-Acetamido-2-deoxy-3,6-di-O-methyl-D-glucose

• 3,6-Di-O-methyl-N-acetyl-D-glucosamine

[95010-44-9] C<sub>10</sub>H<sub>19</sub>NO<sub>6</sub> 249.26

MA153452

Price On Application

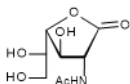


## 2-Acetamido-2-deoxy-D-galactono-1,4-lactone

[28876-38-2] C<sub>8</sub>H<sub>13</sub>NO<sub>6</sub> 219.19

MA03188

10mg	\$157.50
25mg	\$315.00
50mg	\$525.00



Refs: Helv. Chim. Acta, 1937, 20, p407; Carbohydr. Res. 1971, 19, p339

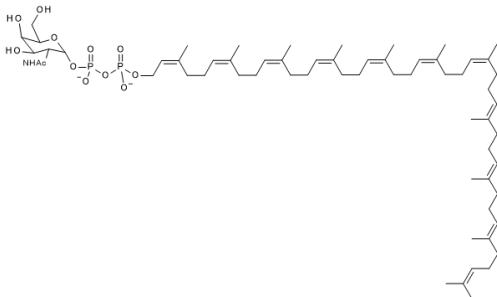
## 2-Acetamido-2-deoxy-D-galactopyranose diphospho undecaprenyl

• GalNAc-PP-Und

C<sub>63</sub>H<sub>103</sub>NO<sub>12</sub>P<sub>2</sub> 1128.44

MA10693

Price On Application



## 2-Acetamido-2-deoxy-b-D-galactopyranosylamine

[102039-79-2] C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub> 220.22

MA153280

Price On Application

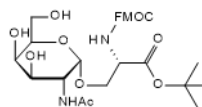


## 2-Acetamido-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-serine tert-butyl ester

[912840-54-1] C<sub>30</sub>H<sub>38</sub>N<sub>2</sub>O<sub>10</sub> 586.63

MA30717

Price On Application

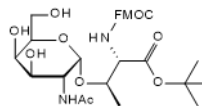


## 2-Acetamido-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-threonine tert-butyl ester

[189561-75-9] C<sub>31</sub>H<sub>40</sub>N<sub>2</sub>O<sub>10</sub> 600.66

MA30716

Price On Application



## O-[2-Acetamido-2-deoxy-a-D-galactopyranosyl]-N-Fmoc-L-threonine 2-propen-1-yl ester

• N-Fmoc-O-[2-acetamido-2-deoxy-a-D-galactopyranosyl]-L-threonine allyl ester

[301843-65-2] C<sub>30</sub>H<sub>36</sub>N<sub>2</sub>O<sub>10</sub> 584.61

MA30714

1mg	\$367.50
2mg	\$682.50
5mg	\$1443.80



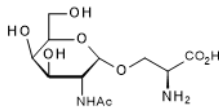
**2-Acetamido-2-deoxy-a-D-galactopyranosyl serine**

- N-Acetyl-a-D-galactosaminy-1-O-serine
- Tn Antigen

[67262-86-6] C<sub>11</sub>H<sub>20</sub>N<sub>2</sub>O<sub>8</sub> 308.29

MA07378

1mg	\$100.00
2mg	\$190.00
5mg	\$425.00

**2-Acetamido-2-deoxy-b-D-galactopyranosyl serine**

MA31335

Price On Application

**2-Acetamido-2-deoxy-a-D-galactopyranosyl threonine**

MA146269

Price On Application

**2-Acetamido-2-deoxy-a-D-galactopyranosyl uridine diphosphate disodium salt**see *UDP-N-acetyl-D-galactosamine disodium salt, MU04515 on page 594***2-Acetamido-2-deoxy-D-galactose 4-(hydrogen sulphate) monosodium salt**see *N-Acetyl-D-galactosamine-4-O-sulphate sodium salt, MA00763 on page 34***2-Acetamido-2-deoxy-D-galactose 6-(hydrogen sulphate), monosodium salt**see *N-Acetyl-D-galactosamine-6-O-sulphate sodium salt, MA02183 on page 34***2-Acetamido-2-deoxy-D-galactose 4,6-bis(hydrogen sulphate) sodium salt**see *N-Acetyl-D-galactosamine-4,6-di-O-sulphate sodium salt, MA00764 on page 34***2-Acetamido-2-deoxy-D-galacturonamide**[93790-40-0] C<sub>8</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 234.21

MA71458

Price On Application

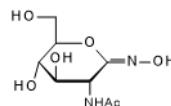
**2-Acetamido-2-deoxy-D-glucitol**see *N-Acetyl-D-glucosaminitol, MA10352 on page 36***2-Acetamido-2-deoxy-D-gluconhydroximo-1,5-lactone**

- LogNAc

[132152-76-2] C<sub>8</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 234.21

MA06696

5mg	\$68.30
10mg	\$115.50
25mg	\$199.50

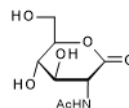


Refs: Horsch M, et al., Eur. J. Biochem, 1996, 237, p476; Stubbs K, et.al, J. Biol. Chem, 2007, 282, p21382

**2-Acetamido-2-deoxy-D-gluconhydroximo-1,5-lactone-1-3,4,6-tetraacetate**see *2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-D-gluconhydroximo-1,5-lactone, MA06695 on page 20***2-Acetamido-2-deoxy-D-glucono-1,5-lactone**[19026-22-3] C<sub>8</sub>H<sub>13</sub>NO<sub>6</sub> 219.19

MA06623

10mg	\$136.50
25mg	\$262.50
50mg	\$420.00



Refs: Sasaki K, et al, Proc. Natl. Acad. Sci. 1997, 94, p14294

**2-Acetamido-2-deoxy-a-D-glucofuranose**see *N-Acetyl-a-D-glucosamine, MA45477 on page 35***2-Acetamido-2-deoxy-D-glucofuranose**see *N-Acetyl-D-glucosamine, MA00834 on page 35*

## Acetamidodeo

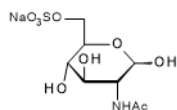
## 2-Acetamido-2-deoxy-D-glucopyranose 6-sulphate sodium salt

• N-Acetyl-D-glucosamine 6-O-sulfate sodium salt

[108321-79-5] C<sub>8</sub>H<sub>14</sub>NNaO<sub>9</sub>S 323.25

MA00759

10mg	\$70.00
25mg	\$125.00
50mg	\$195.00

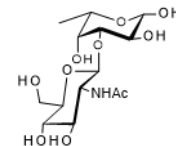


## 3-O-(2-Acetamido-2-deoxy-b-D-glucopyranosyl)-L-fucopyranose

C<sub>14</sub>H<sub>25</sub>NO<sub>10</sub> 367.35

MA32131

10mg \$5000.00

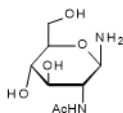


## 2-Acetamido-2-deoxy-b-D-glucopyranosyl amine

[18615-50-4][4229-38-3] C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub> 220.22

MA05135

250mg	\$65.00
500mg	\$95.00
1g	\$170.00



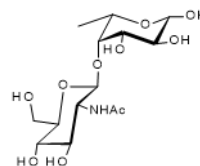
Refs: Likhoshervostov LM, et al, Carbohydr. Res. 1986, 146; Manger ID, et al, Biochemistry 1992, 31, p10733

## 4-O-(2-Acetamido-2-deoxy-b-D-glucopyranosyl)-L-fucopyranose

C<sub>14</sub>H<sub>25</sub>NO<sub>10</sub> 367.35

MA32132

10mg \$6800.00



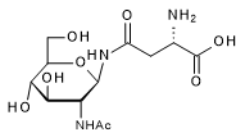
## 2-Acetamido-2-deoxy-b-D-glucopyranosyl L-asparagine

• b-D-GlcNAc-(1→N)-Asn

[2776-93-4] C<sub>12</sub>H<sub>21</sub>N<sub>3</sub>O<sub>8</sub> 335.31

MA09584

5mg	\$55.00
10mg	\$95.00
25mg	\$175.00



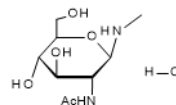
Refs: Bedi G.S, Glycoconjugate 1997, 14, p907

## 2-Acetamido-2-deoxy-b-D-glucopyranosyl methylamine HCl

[262849-64-9] C<sub>9</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub>·HCl 270.71

MA01044

Price On Application

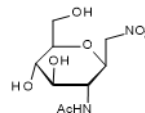


## 2-Acetamido-2-deoxy-b-D-glucopyranosyl nitromethane

[129601-61-2] C<sub>9</sub>H<sub>16</sub>N<sub>2</sub>O<sub>7</sub> 264.23

MA05414

1g	\$210.00
2g	\$315.00
5g	\$525.00



Refs: Pribulová B, Petrušová M, Pátoprstý V, Petruš L, Chem. Papers 2003, 57, p287

## 2-Acetamido-2-deoxy-a-D-glucopyranosyl chloride 3,4,6-triacetate

see 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranosyl chloride - Stabilised with 2.5% CaCO<sub>3</sub>, MA06734 on page 23

**2-Acetamido-2-deoxy-b-D-glucopyranosyl serine**

MA31334

Price On Application

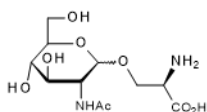
**2-Acetamido-2-deoxy-D-glucopyranosyl serine**

• GlcNAc-b-O-L-Serine

[17041-36-0] C<sub>11</sub>H<sub>20</sub>N<sub>2</sub>O<sub>8</sub> 308.29

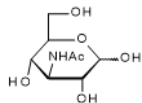
MA06742

1mg	\$60.00
2mg	\$110.00
5mg	\$267.50

**2-Acetamido-2-deoxy-D-glucosamine-6-phosphate disodium salt**see *N-Acetyl-D-glucosamine-6-phosphate disodium salt*, MA06746 on page 36**3-Acetamido-3-deoxy-D-glucose**[14086-88-5] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

MA04449

5mg	\$60.00
10mg	\$100.00
25mg	\$200.00

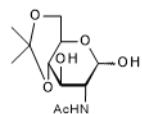


Refs: Williams DT, Jones JKN, Can. J. Chem. 1967, 45, p7

**2-Acetamido-2-deoxy-4,6-O-isopropylidene-D-glucopyranose**[50605-09-9] C<sub>11</sub>H<sub>19</sub>NO<sub>6</sub> 261.27

MA04452

1g	\$157.50
2g	\$262.50
5g	\$420.00



Refs: Hasegawa A, Fletcher HG, Carbohydr. Res. 1973, 29, p209; Vypel H, et al, J. Med. Chem. 1991, 34, p2759

**2-Acetamido-2-deoxy-D-lyxojirimycin**[1207673-74-2] C<sub>7</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub> 174.2

MA71397

Price On Application

**2-Acetamido-2-deoxy-L-lyxojirimycin**[1207675-21-5] C<sub>7</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub> 174.2

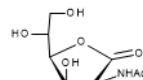
MA64900

Price On Application

**2-Acetamido-2-deoxy-lyxose**see *N-Acetyl-L-lyxosamine*, MA16155 on page 37**2-Acetamido-2-deoxy-D-mannono-1,4-lactone**[28876-37-1] C<sub>8</sub>H<sub>13</sub>NO<sub>6</sub> 219.19

MA06096

10mg	\$157.50
25mg	\$315.00
50mg	\$577.50



Refs: Pokorny M, Zissis E, Fletcher HG, Carbohydr. Res. 1975, 43, p345

**2-Acetamido-2-deoxy-D-mannopyranose**see *N-Acetyl-D-mannosamine*, MA05269 on page 37

## Acetamidodeo

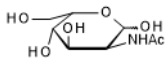
## 2-Acetamido-2-deoxy-L-mannopyranose

- 2-Acetamido-2-deoxy-L-mannose
- N-Acetyl-L-mannosamine
- L-Mannac

[6813-82-7] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.2

MA06206

10mg	\$150.00
25mg	\$225.00
50mg	\$375.00



Refs: Kozlov IA, Mao S, Xu Y, Huang X, Lee L, Sears PS, Gao C, Coyle AR, Janda KD, Wong C-H, ChemBiochem, 2, 10, p741; Berry A, et al, Cellular and Mol. Life Sci, 2004, 61, 24, p3034

## 2-Acetamido-2-deoxy-L-mannose

see 2-Acetamido-2-deoxy-L-mannopyranose, MA06206 on page 16

## 2-Acetamido-2-deoxy-D-mannose monohydrate

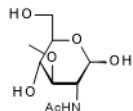
see N-Acetyl-D-mannosamine, MA05269 on page 37

## 2-Acetamido-2-deoxy-3-O-methyl-D-glucopyranose

[94825-74-8] C<sub>9</sub>H<sub>17</sub>NO<sub>6</sub> 235.23

MA04453

10mg	\$190.00
25mg	\$425.00
50mg	\$750.00



Refs: Gerwig G, et al, J. Biol. Chem, 1989, 264, p1027

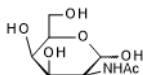
## 2-Acetamido-2-deoxy-D-talopyranose

- N-Acetyl-D-talosamine
- Talnac

[282727-46-2] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.2

MA00718

2mg	\$90.00
5mg	\$175.00
10mg	\$295.00



Refs: Vasella A, , Pure &amp; Applied Chem. 1991, 63, 4, p507

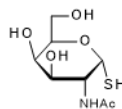
## 2-Acetamido-2-deoxy-a-D-thiogalactopyranose

- Thio-a-D-GalNAc

C<sub>8</sub>H<sub>15</sub>NO<sub>5</sub>S 237.27

MA12496

1mg	\$63.00
2mg	\$98.70
5mg	\$157.50



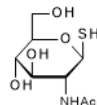
## 2-Acetamido-2-deoxy-b-D-thioglucopyranose

- Thio-b-D-GlcNAc

[781581-10-0] C<sub>8</sub>H<sub>15</sub>NO<sub>5</sub>S 237.27

MA44578

500mg	\$1100.00
1g	\$1700.00
2g	\$2500.00



## 2-Acetamido-2-deoxy-5-thio-D-glucose

- 5S-GlcNAc

[77583-99-4][67561-96-0] C<sub>8</sub>H<sub>15</sub>NO<sub>5</sub>S 237.27

MA146797

Price On Application



## 2-Acetamido-2-deoxy-3,4,6-tri-O-acetyl-b-D-galactopyranosyl)-L-threonine

MA30941

Price On Application

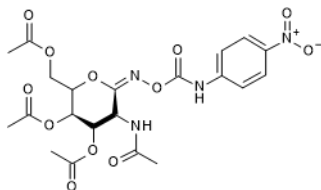




**O-(2-Acetamido-2-deoxy-3,4,6-tri-O-acetyl-D-glucopyranosylidene)amino N-(4-nitrophenyl)carbamate**• 2-(Acetylamino)-2-deoxy-N-[[[(4-nitrophenyl)amino]carbonyl]oxy]-D-gluconimidic acid 3,4,6-triacetate  $\Delta$ -lactone[351421-19-7] C<sub>21</sub>H<sub>24</sub>N<sub>4</sub>O<sub>12</sub> 524.44

MA16571

5mg	\$140.00
10mg	\$254.50
25mg	\$463.00

**2-Acetamido-2-deoxy-3,4,6-tri-O-methyl-D-glucose**

• N-Acetyl-3,4,6-tri-O-methyl-D-glucosamine

[115002-36-3] C<sub>11</sub>H<sub>21</sub>NO<sub>6</sub> 263.29

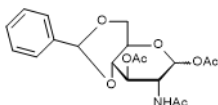
MA153449

Price On Application

**2-Acetamido-2-deoxy-D-[UL-13C6]glucose**see *N-Acetyl-D-[UL-13C6]glucosamine*, MA44797 on page 43**2-Acetamido-2-deoxy-L-xylose**see *N-Acetyl-L-xylosamine*, MA16156 on page 44**(1S,2R)-1-((3S,4R,5R,6S)-3-Acetamido-4,6-diacetoxy-5-fluoro-6-(methoxycarbonyl)tetrahydro-2H-pyran-2-yl)propane-1,2,3-triyl triacetate**see *2,4,7,8,9-Penta-O-acetyl-3-fluoro-N-acetyl-D-neuraminic acid methyl ester*, MM45150 on page 450**2-Acetamido-1,3-di-O-acetyl-4,6-O-benzylidene-2-deoxy-D-glucopyranose**C<sub>19</sub>H<sub>23</sub>NO<sub>8</sub> 393.4

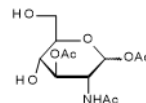
MA08935

1g	\$50.00
2g	\$90.00
5g	\$200.00

**2-Acetamido-1,3-di-O-acetyl-2-deoxy-D-glucopyranose**C<sub>12</sub>H<sub>19</sub>NO<sub>8</sub> 305.28

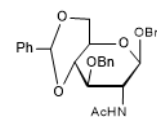
MA08937

1g	\$50.00
2g	\$90.00
5g	\$200.00

**2-Acetamido-1,3-di-O-benzyl-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside**[14040-20-1] C<sub>29</sub>H<sub>31</sub>NO<sub>6</sub> 489.56

MA06754

100mg	\$200.00
250mg	\$395.00
500mg	\$710.00

**2-Acetamido-2,4-dideoxy-4-fluoro-D-galactopyranose**[129728-92-3] C<sub>8</sub>H<sub>14</sub>FNO<sub>5</sub> 223.2

MA92054

Price On Application

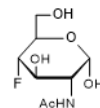
**2-Acetamido-2,4-dideoxy-4-fluoro-a-D-glucopyranose**

• 4-F-GlcNAc

[129728-87-6] C<sub>8</sub>H<sub>14</sub>FNO<sub>5</sub> 223.2

MA02391

5mg	\$157.50
10mg	\$294.00
25mg	\$625.00



Refs: Berkin A, Szarek WA, Kisilevsky R, Carbohydr. Res. 2000, 326, 4, p250

**2-Acetamido-2,4-dideoxy-4-fluoro-D-glucopyranose**

MA15203

Price On Application



## Acetamidodid

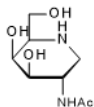
## 2-Acetamido-1,2-dideoxy-galactonojirimycin

- DGJNac
- 2-Acetamido-1,5-imino-1,2,5-trideoxy-D-galactitol

[117894-14-1] C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub> 204.22

MA34339

1mg	\$950.00
2mg	\$1500.00
5mg	\$2000.00



## 2-Acetamido-2,6-dideoxy-D-galactose

- N-Acetyl-D-fucosamine

C<sub>8</sub>H<sub>15</sub>NO<sub>5</sub> 205.21

MA15410

5mg	\$150.00
10mg	\$250.00
25mg	\$475.00



## 2-Acetamido-2,6-dideoxy-L-galactose

- N-Acetyl-L-fucosamine

[49694-69-1] C<sub>8</sub>H<sub>15</sub>NO<sub>5</sub> 205.21

MA15409

1mg	\$125.00
2mg	\$190.00
5mg	\$350.00

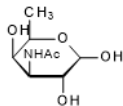


## 3-Acetamido-3,6-dideoxy-D-galactose

[4277-45-6] C<sub>8</sub>H<sub>15</sub>NO<sub>5</sub> 205.21

MA46732

25mg	\$1850.00
50mg	\$2600.00
100mg	\$3250.00



## 2-Acetamido-2,6-dideoxy-D-glucose

see *N-Acetyl-D-quinovosamine*, MA64786 on page 41

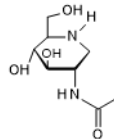
## 2-Acetamido-1,2-dideoxyojirimycin

- 2-Acetamido-1,2,5-trideoxy-1,5-imino-D-glucitol
- AdNJ
- N-[(3S,4R,5R,6R)-4,5-Dihydroxy-6-(hydroxymethyl)-3-piperidyl]acetamide

[105265-96-1] C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub> 204.22

MA00005

1mg	\$195.00
2mg	\$370.00
5mg	\$825.00



Refs: Kappes E, et al, J. Carbohydr. Chem. 1989, 8, p371; Kajimoto T, et al.; Woynarowska B, et al, Anticancer Res. 1992, 12, p161

## R 125489

see *Laninamivir*, ML58733 on page 347

## (4S,5R,6R)-5-Acetamido-4-guanidino-6-[(1R,2R)-2,3-dihydroxy-1-methoxypropyl]-5,6-dihydro-4H-pyran-2-carboxylic acid

see *Laninamivir*, ML58733 on page 347

## (2R,3R,4S)-3-Acetamido-4-guanidino-2-[(1R,2R)-2-hydroxy-1-methoxy-3-(octanoyloxy)propyl]-3,4-dihydro-2H-pyran-6-carboxylic acid

see *Laninamivir octanoate*, ML58734 on page 347

## (4S,5R,6R)-5-Acetamido-4-guanidino-6-[(1R,2R)-2-hydroxy-1-methoxy-3-(octanoyloxy)propyl]-5,6-dihydro-4H-pyran-2-carboxylic acid

see *Laninamivir octanoate*, ML58734 on page 347

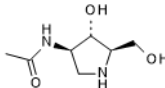
## 2-Acetamido-1,4-imino-1,2,4-trideoxy-L-arabinitol

- N-[(3S,4R,5S)-4-Hydroxy-5-(hydroxymethyl)-3-pyrrolidiny]acetamide
- LABNac

[944329-24-2] C<sub>7</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub> 174.2

MA16570

1mg	\$843.20
2mg	\$1533.00
5mg	\$3400.00



Refs: Platt, F, et al, Biochem. Pharmacol, 56, 421 (1998); Cox, T, et al, Lancet, 355, 1481 (2000); Tropak, M, et al, J. Biol. Chem, 279, 13478 (2004)

## 2-Acetamido-1,5-imino-1,2,5-trideoxy-D-galactitol

see *2-Acetamido-1,2-dideoxy-galactonojirimycin*, MA34339 on page 18

**4-Acetamidophenyl b-D-glucuronic acid methyl ester**

see 4-Acetamidophenyl b-D-glucuronide methyl ester, MA06740 on page 19

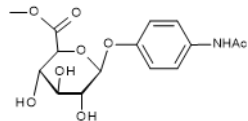
**4-Acetamidophenyl b-D-glucuronide methyl ester**

• 4-Acetamidophenyl b-D-glucuronic acid methyl ester

[570394-17-1] C<sub>15</sub>H<sub>19</sub>NO<sub>8</sub> 341.31

MA06740

50mg	\$100.00
100mg	\$189.00
250mg	\$315.00

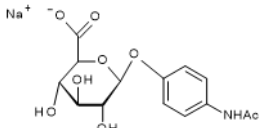


Refs: Burgess S. et al, Anal. Biochem, 2003, 312, p228

**4-Acetamidophenyl b-D-glucuronide sodium salt**[120595-80-4] C<sub>14</sub>H<sub>16</sub>NNaO<sub>8</sub> 349.27

MA04458

10mg	\$60.00
25mg	\$95.00
50mg	\$175.00



Refs: Bales, et al, Clin. Chem. 1984, 30, p1631

**4-Acetamidophenyl-triacetyl-b-D-glucuronic acid methyl ester**

see 4-Acetamidophenyl-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester, MA05286 on page 19

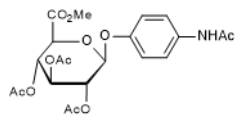
**4-Acetamidophenyl-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester**

• 4-Acetamidophenyl-triacetyl-b-D-glucuronic acid methyl ester

[30824-21-6] C<sub>21</sub>H<sub>25</sub>NO<sub>11</sub> 467.42

MA05286

50mg	\$125.00
100mg	\$195.00
250mg	\$375.00



Refs: Calder I, et al, J. Med. Chem, 181, 24, p988

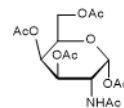
**2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-a-D-galactopyranose**

• a-D-Galactosamine pentaacetate

[10385-50-9] C<sub>16</sub>H<sub>23</sub>NO<sub>10</sub> 389.36

MA08854

1g	\$110.00
2g	\$200.00
5g	\$400.00



Refs: Holland CV, Horton D, Jewell Jon S, J. Org. Chem, 1967, 32 (6), p1818

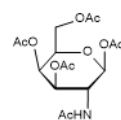
**2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-galactopyranose**

• b-D-Galactosamine pentaacetate

[3006-60-8] C<sub>16</sub>H<sub>23</sub>NO<sub>10</sub> 389.35

MA07056

1g	\$55.00
2g	\$90.00
5g	\$150.00

**2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-D-galactopyranose**

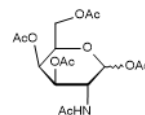
• D-Galactosamine pentaacetate

• 1,2,3,4,6-Penta-O-acetyl-D-galactosamine

[76375-60-5] C<sub>16</sub>H<sub>23</sub>NO<sub>10</sub> 389.35

MA07898

1g	\$55.00
2g	\$90.00
5g	\$150.00

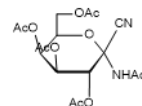


Refs: Hiraizumi S, et al, Bioorg. Med. Chem, 1994, 2, p1339; Anumula K.R, et al, Anal. Biochem, 1999, 275, p236

**1-Acetamido-2,3,4,6-tetra-O-acetyl-1-deoxy-b-D-galactopyranosyl cyanide**[229015-12-7] C<sub>17</sub>H<sub>22</sub>N<sub>2</sub>O<sub>10</sub> 414.36

MA05856

250mg	\$262.50
500mg	\$420.00
1g	\$1023.80



## Acetamidotet

## 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-galactopyranosyl PEG5-NHS

MA45616

Price On Application



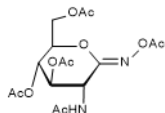
## 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-D-gluconhydroximo-1,5-lactone

- LogNAc tetraacetate
- 2-Acetamido-2-deoxy-D-gluconhydroximo-1,5-lactone-1-3,4,6-tetraacetate

[132152-77-3] C<sub>16</sub>H<sub>22</sub>N<sub>2</sub>O<sub>10</sub> 402.35

MA06695

10mg	\$99.80
25mg	\$210.00
50mg	\$388.50



Refs: Beer D. et al, Helv. Chim. Acta,199073, 1918 (1990),; Horsch M. et al, Eur. J. Biochem,1996, 237, p476

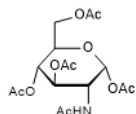
## 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-a-D-glucopyranose

- 1,2,3,4,6-Penta-O-acetyl-a-D-glucosamine
- a-D-Glucosamine pentaacetate
- 2-(Acetylamino)-2-deoxy-a-D-glucopyranose 1,3,4,6-tetraacetate

[7784-54-5] C<sub>16</sub>H<sub>23</sub>NO<sub>10</sub> 389.36

MA07519

1g	\$50.00
2g	\$76.00
5g	\$150.00



Refs: Bernacki RJ, Sharma M, Porter NK, Rustum Y, Paul B, Korytnyk W, Journal of Supramolecular Structure, 2004, 7, 2, p235-250; Cudic, P, et al, Bioorg. Med. Chem. Lett, 11, 3107 (2001)

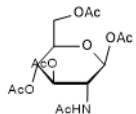
## 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-glucopyranose

- b-D-Glucosamine pentaacetate
- 1,2,3,4,6-Penta-O-acetyl-b-D-glucosamine

[7772-79-4] C<sub>16</sub>H<sub>23</sub>NO<sub>10</sub> 389.36

MA06633

10g	\$65.00
25g	\$118.75
50g	\$182.50



Refs: Bernacki RJ, Sharma M, Porter NK, et al, J. Supramol. Struct. 1977, 7, p235-50

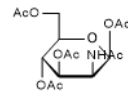
## 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-mannopyranose

- 1,3,4,6-Tetra-O-acetyl-2-acetamido-2-deoxy-b-D-mannose
- b-D-Mannosamine pentaacetate

[6730-10-5] C<sub>16</sub>H<sub>23</sub>NO<sub>10</sub> 389.35

MA04038

1g	\$69.00
2g	\$110.00
5g	\$210.00



## 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-5-thio-a-D-glucopyranose

[67561-97-1] C<sub>16</sub>H<sub>23</sub>NO<sub>9</sub>S 405.42

MA146798

Price On Application

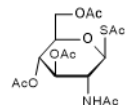


## 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-thioglucopyranose

C<sub>16</sub>H<sub>23</sub>NO<sub>9</sub>S 405.42

MA10927

250mg	\$80.00
500mg	\$150.00
1g	\$262.50

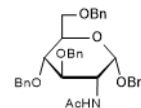


## 2-Acetamido-1,3,4,6-tetra-O-benzyl-2-deoxy-a-D-glucopyranoside

[38416-56-7] C<sub>36</sub>H<sub>39</sub>NO<sub>6</sub> 581.7

MA06755

500mg	\$80.00
1g	\$150.00
2g	\$520.00

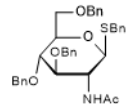


## 2-Acetamido-1,3,4,6-tetra-O-benzyl-2-deoxy-b-D-thioglucopyranose

C<sub>36</sub>H<sub>39</sub>NO<sub>5</sub>S 597.76

MA10925

1mg	\$94.50
2mg	\$178.50
5mg	\$420.00



**2-Acetamido-3,4,6-tri-O-acetyl-N',N-(benzyloxycarbonyl)-epsilon-aminocaproyl-2-deoxy-b-D-glucopyranosyl amine**

see 2-Acetamido-3,4,6-tri-O-acetyl-N',N-cbz-epsilon-aminocaproyl-2-deoxy-b-D-glucopyranosyl amine, MA04456 on page 21

**2-Acetamido-3,4,6-tri-O-acetyl-1-O-[(N-Cbz-aminoethoxy)ethoxy]-2-deoxy-b-D-galactopyranose**

• (2R,3R,4R,5R,6R)-5-acetamido-2-(acetoxymethyl)-6-(2-(2-(benzyloxycarbonylamino)ethoxy)ethoxy)tetrahydro-2H-pyran-3,4-diyl diacetate  
• 2-(Benzyloxycarbonylamino)ethoxy)ethoxy 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-galactopyranoside

[1261568-35-7] C<sub>26</sub>H<sub>36</sub>N<sub>2</sub>O<sub>12</sub> 568.57

MA137616

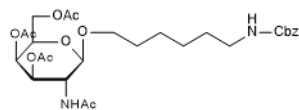
Price On Application

**2-Acetamido-3,4,6-tri-O-acetyl-1-O-(N-Cbz-6-aminohexyl)-2-deoxy-b-D-galactopyranose**

[159173-77-0] C<sub>28</sub>H<sub>40</sub>N<sub>2</sub>O<sub>11</sub> 580.62

MA45802

Price On Application

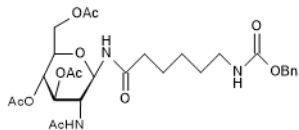
**2-Acetamido-3,4,6-tri-O-acetyl-N',N-cbz-epsilon-aminocaproyl-2-deoxy-b-D-glucopyranosyl amine**

• 2-Acetamido-3,4,6-tri-O-acetyl-N',N-(benzyloxycarbonyl)-epsilon-aminocaproyl-2-deoxy-b-D-glucopyranosyl amine

C<sub>28</sub>H<sub>39</sub>N<sub>3</sub>O<sub>11</sub> 593.62

MA04456

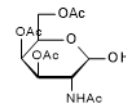
10mg \$157.50  
25mg \$262.50  
50mg \$420.00

**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-galactopyranose**

[5132-11-6] C<sub>14</sub>H<sub>21</sub>NO<sub>9</sub> 347.32

MA45287

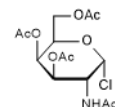
500mg \$50.00  
1g \$90.00  
2g \$150.00

**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl chloride**

[41355-44-6] C<sub>14</sub>H<sub>20</sub>ClNO<sub>8</sub> 365.76

MA00037

1g \$700.00  
2g \$990.00  
5g \$1625.00

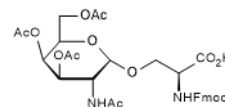
**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-Fmoc serine**

• GalNAc L-serine

[120173-57-1] C<sub>32</sub>H<sub>36</sub>N<sub>2</sub>O<sub>13</sub> 656.63

MA09628

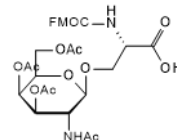
5mg \$105.00  
10mg \$189.00  
25mg \$420.00

**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-galactopyranosyl-Fmoc serine**

[1676104-71-4] C<sub>32</sub>H<sub>36</sub>N<sub>2</sub>O<sub>13</sub> 656.64

MA04335

Price On Application



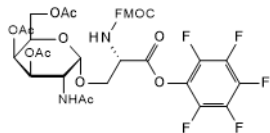
## Acetamidotri

## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-serine pentafluorophenyl ester

[137816-29-6] C<sub>38</sub>H<sub>53</sub>N<sub>5</sub>O<sub>13</sub> 822.69

MA04333

Price On Application



## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-Fmoc threonine

• Fmoc-L-Thr(GalNAc(Ac)3-a-D)-OH

[116783-35-8] C<sub>33</sub>H<sub>38</sub>N<sub>2</sub>O<sub>13</sub> 670.67

MA04340

5mg	\$95.00
10mg	\$185.00
25mg	\$375.00

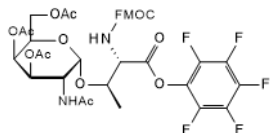


## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-L-threonine pentafluorophenyl ester

[182369-94-4] C<sub>39</sub>H<sub>37</sub>F<sub>5</sub>N<sub>2</sub>O<sub>13</sub> 836.71

MA04276

Price On Application

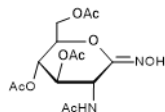


## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-glucohydroximo-1,5-lactone

[132152-78-4] C<sub>14</sub>H<sub>20</sub>N<sub>2</sub>O<sub>9</sub> 360.32

MA06094

5mg	\$157.50
10mg	\$262.50
25mg	\$472.50

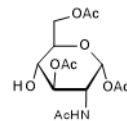


## 2-Acetamido-1,3,6-tri-O-acetyl-2-deoxy-a-D-glucopyranose

[73024-74-5] C<sub>14</sub>H<sub>21</sub>NO<sub>9</sub> 347.32

MA03994

1mg	\$89.30
2mg	\$168.00
5mg	\$315.00



Refs: Ljevakovic D, Tomic S, Tomasic J, Carbohydr. Res. 1988, 182, p197

## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-glucopyranose

[34051-43-9] C<sub>14</sub>H<sub>21</sub>NO<sub>9</sub> 347.32

MA09637

50mg	\$420.00
100mg	\$630.00
250mg	\$1312.50

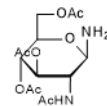


## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl amine

[4515-24-6] C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O<sub>8</sub> 346.33

MA04457

5mg	\$157.50
10mg	\$262.50
25mg	\$420.00



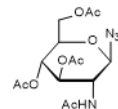
Refs: Bernacki PJ, Paul B, Nortnyk W, Carbohydr. Res. 1980, 80, p99

## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl azide

[6205-69-2] C<sub>14</sub>H<sub>20</sub>N<sub>4</sub>O<sub>8</sub> 372.33

MA00690

1g	\$98.00
2g	\$160.00
5g	\$370.00

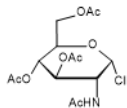


**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranosyl chloride - Stabilised with 2.5% CaCO<sub>3</sub>**

• 2-Acetamido-2-deoxy-a-D-glucopyranosyl chloride 3,4,6-triacetate

[3068-34-6] C<sub>14</sub>H<sub>20</sub>ClNO<sub>8</sub> 365.76

MA06734

1g \$50.00  
2g \$90.00  
5g \$175.00

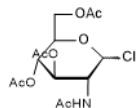
Refs: Huang X, Witte KL, Bergbreiter DE, et al, Adv. Synth. Catal. 343, 6-7, p675

**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-glucopyranosyl chloride - Stabilised with 2% CaCO<sub>3</sub>**

• Chloro 2-acetamido-2-deoxy-3,4,6-tri-O-acetyl-D-glucopyranose

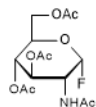
[3068-34-6][51236-40-9] C<sub>14</sub>H<sub>20</sub>ClNO<sub>8</sub> 365.76

MA04504

1g \$50.00  
2g \$90.00  
5g \$175.00**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranosyl fluoride**

MA30710

Price On Application

**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranosyl-Fmoc asparagine**C<sub>33</sub>H<sub>37</sub>N<sub>3</sub>O<sub>13</sub> 683.66

MA04245

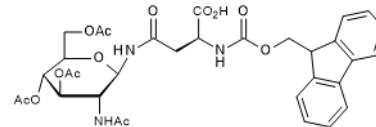
Price On Application

**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc asparagine**

- Fmoc-L-Asn(GlcNAc(Ac)3-beta)-OH
- Fmoc-L-Asn(GlcNAc4)-OH
- 2N-Fmoc-4N-(2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl)-L-asparagine

[131287-39-3] C<sub>33</sub>H<sub>37</sub>N<sub>3</sub>O<sub>13</sub> 683.66

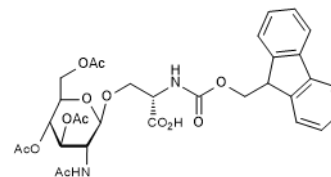
MA46455

10mg \$50.00  
25mg \$90.00  
50mg \$160.00**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc serine**

• FmocSer(Ac3-b-D-GlcNAc)-OH

[160067-63-0] C<sub>32</sub>H<sub>36</sub>N<sub>2</sub>O<sub>13</sub> 656.63

MA04454

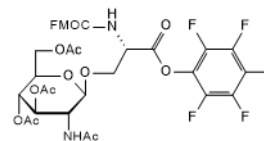
10mg \$150.00  
25mg \$325.00  
50mg \$600.00

Refs: Vargas-Berenguel A, et al, J. Chem. Soc. Perkin Trans. 1994, 1, p2615

**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-(N-Fmoc)-L-serine pentafluorophenyl ester**[160410-57-1] C<sub>38</sub>F<sub>5</sub>H<sub>35</sub>N<sub>2</sub>O<sub>13</sub> 822.68

MA03818

Price On Application

**2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc threonine**

• Fmoc-Thr(GlcNAc(Ac)3-b-D)-OH

[160168-40-1] C<sub>33</sub>H<sub>38</sub>N<sub>2</sub>O<sub>13</sub> 670.66

MF111403

5mg \$111.40  
10mg \$171.40  
25mg \$347.50

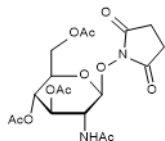
## Acetamidotri

## O-(2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl)-N-hydroxysuccinimide

C<sub>18</sub>H<sub>23</sub>NO<sub>12</sub> 445.37

MA08628

Price On Application

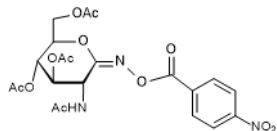


## O-(2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-glucopyranosylidene)amino N-(4-nitrophenyl)carbamate

C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>12</sub> 509.42

MA06716

10mg	\$210.00
25mg	\$420.00
50mg	\$630.00

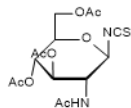


## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl isothiocyanate

[20590-45-8] C<sub>15</sub>H<sub>20</sub>N<sub>2</sub>O<sub>8</sub>S 388.39

MA04450

50mg	\$94.50
100mg	\$158.00
250mg	\$330.00



## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-N-[(phenylaminocarbonyl)oxy]-D-gluconimidic acid-1,5-lactone

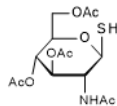
see O-(2-Acetamido-3,4,6-tri-O-acetyl-D-glucopyranosylidene)amino N-phenyl carbamate, MA06745 on page 24

## 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-thioglucopyranose

C<sub>14</sub>H<sub>21</sub>NO<sub>9</sub>S 363.38

MA10926

50mg	\$94.50
100mg	\$158.00
250mg	\$330.00

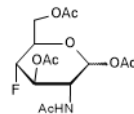


## 2-Acetamido-1,3,6-tri-O-acetyl-2,4-dideoxy-4-fluoro-D-glucopyranose

[116049-57-1] C<sub>14</sub>H<sub>20</sub>FNO<sub>8</sub> 349.31

MA06095

2mg	\$150.00
5mg	\$250.00
10mg	\$450.00



Refs: Berkin, Szarek WA, Kisilevsky R, Carbohydr. Res. 2000, 326, 4, p250

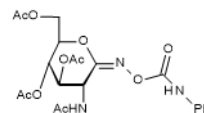
## O-(2-Acetamido-3,4,6-tri-O-acetyl-D-glucopyranosylidene)amino N-phenyl carbamate

• 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-N-[(phenylaminocarbonyl)oxy]-D-gluconimidic acid-1,5-lactone

[132063-04-8] C<sub>21</sub>H<sub>25</sub>N<sub>3</sub>O<sub>10</sub> 479.44

MA06745

5mg	\$157.50
10mg	\$262.50
25mg	\$420.00



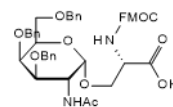
Refs: Stubbs K. et al, Org. Biomol. Chem, 2006, 4, p839

## 2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-serine

[1398123-85-7] C<sub>47</sub>H<sub>48</sub>N<sub>2</sub>O<sub>10</sub> 800.89

MA31368

Price On Application

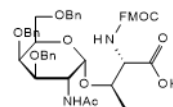


## 2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-threonine

[1398123-86-8] C<sub>48</sub>H<sub>50</sub>N<sub>2</sub>O<sub>10</sub> 814.92

MA31369

Price On Application

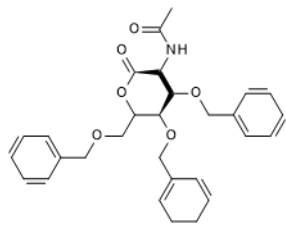




**2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-D-glucono-1,5-lactone**• 2-(Acetylamino)-2-deoxy-3,4,6-tris-O-(phenylmethyl)-D-gluconic acid  $\delta$ -lactone[34051-37-1] C<sub>29</sub>H<sub>31</sub>NO<sub>6</sub> 489.56

MA16572

25mg	\$110.00
50mg	\$200.50
100mg	\$364.00



Refs: Vocadlo, D, et al, Biochem, 44, 12809 (2005)

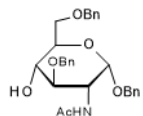
**2-Acetamido-1,3,6-tri-O-benzyl-2-deoxy-a-D-glucopyranoside**

• Benzyl 2-acetamido-3,6-di-O-benzyl-2-deoxy-a-D-glucopyranoside

[55287-49-5] C<sub>29</sub>H<sub>33</sub>NO<sub>6</sub> 491.58

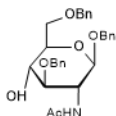
MA04621

250mg	\$157.50
500mg	\$290.00
1g	\$500.00

**2-Acetamido-1,3,6-tri-O-benzyl-2-deoxy-b-D-glucopyranoside**[62867-63-4] C<sub>29</sub>H<sub>33</sub>NO<sub>6</sub> 491.58

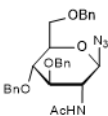
MA06102

100mg	\$160.00
250mg	\$350.00
500mg	\$700.00

**2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-b-D-glucopyranosyl azide**[214467-60-4] C<sub>29</sub>H<sub>32</sub>N<sub>4</sub>O<sub>5</sub> 516.59

MA07019

250mg	\$75.00
500mg	\$125.00
1g	\$183.80

**2-Acetamido-1,2,5-trideoxy-1,5-imino-D-glucitol**

see 2-Acetamido-1,2-dideoxyjirimycin, MA00005 on page 18

**5-Acetamido-2,6-anhydro-4-guanidino-3,4,5-trideoxy-D-galcto-non-enoic acid**

see Zanamivir hydrate, MZ04270 on page 605

**2-Acetamido-2-deoxy-a-D-galactopyranose**

see N-Acetyl-D-galactosamine, MA04390 on page 33

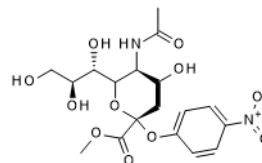
**5-Acetamido-4-hydroxy-2-(4-nitro-phenoxy)-6-(1,2,3-trihydroxy-propyl)-tetrahydro-pyran-2-carboxylic acid methyl ester**

• N-Acetyl-2-O-(4-nitrophenyl)-a-neuraminic acid methyl ester

[59694-35-8] C<sub>18</sub>H<sub>24</sub>N<sub>2</sub>O<sub>11</sub> 444.39

MA16573

2mg	\$120.00
5mg	\$218.10
10mg	\$396.50

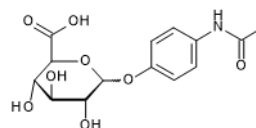
**Acetaminophen D-glucuronide**

• Paracetamol-O-D-glucuronide

[16110-10-4] C<sub>14</sub>H<sub>17</sub>NO<sub>8</sub> 327.29

MA09392

5mg	\$63.00
10mg	\$120.80
25mg	\$289.00

**9-Acetate N-acetyl-neuraminic acid**

see 5-N-Acetyl-9-O-acetyl neuraminic acid, MA12117 on page 27

**1-Acetate 3,5-bis(4-chlorobenzoate)-2-deoxy-D-erythro-pentofuranose**

see 1-O-Acetyl-3,5-bis(4-chlorobenzoyl)-2-deoxy-D-ribose, MA16578 on page 30

**Acetic acid 2,5-diacetoxy-6-acetomethyl-3-(2,2,2-trifluoro-acetyl-amino)-tetrahydro-pyran-4-yl ester**

see 1,3,4,6-Tetra-O-acetyl-2-deoxy-2-trifluoroacetamido-D-glucopyranose, MT07375 on page 521

**Acetobromofucose**

see 2,3,4-Tri-O-acetyl-a-L-fucopyranosyl bromide, MT04461 on page 570

## Acetobromoga

## a-Acetobromo-D-galactose

see 2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide, MT01060 on page 524

## a-D-Acetobromogalactose

see 2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide, MT01060 on page 524

a-Acetobromogalactose 2% CaCO<sub>3</sub>see 2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide - 2% CaCO<sub>3</sub>, MT07014 on page 524a-D-acetobromogalactose 2% CaCO<sub>3</sub>see 2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide - 2% CaCO<sub>3</sub>, MT07014 on page 524

## Acetobromo-D-glucose

see 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide, MT03359 on page 528

## Acetobromoglucose

see 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide - 2% CaCO<sub>3</sub>, MT07013 on page 528

## Acetobromo-a-D-glucuronic acid methyl ester

see 1-Bromo-2,3,4-tri-O-acetyl-a-D-glucuronide methyl ester, MB31644 on page 126

## Acetobromo-a-D-glucuronic acid methyl ester

see 1-Bromo-2,3,4-tri-O-acetyl-a-D-glucuronide methyl ester - 1% CaCO<sub>3</sub>, MB04460 on page 126

## a-Acetobromo-D-xylose

339.14

MA58455

Price On Application



## Acetobromo-a-D-xylose

see 2,3,4-Tri-O-acetyl-a-D-xylopyranosyl bromide - Stabilised with 2.5% CaCO<sub>3</sub>, MT04675 on page 574

## Acetochloro-a-D-mannose

see 2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl chloride, MT05768 on page 534

## Acetofluoro-a-D-galactose

see 2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl fluoride, MT05037 on page 524

## Acetofluoro-a-D-glucose

see 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl fluoride, MT06144 on page 529

## 6-Acetomido-6-deoxycastanospermine

MA58378

Price On Application



## Acetone-D-glucose

see 1,2-O-Isopropylidene-a-D-glucofuranose, MI01061 on page 335

## 2-Acetyl-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-galactopyranoside

MA45801

100mg

\$3500.00



## (1R,3S,4R,8S)-3-Acetoxy-1-acetoxymethyl-8-benzloxy-2,6-dioxabicyclo[3,2,1]octane

[229469-37-8] C<sub>18</sub>H<sub>22</sub>O<sub>7</sub> 350.36

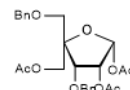
MA10599

5g  
10g\$3000.00  
\$4500.00

## 4-C-Acetoxyethyl-1,2-di-O-acetyl-3,5-di-O-benzyl-a-D-ribofuranose

C<sub>26</sub>H<sub>30</sub>O<sub>9</sub> 486.51

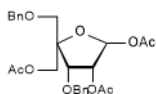
MA45461

500mg  
1g  
2g\$450.00  
\$750.00  
\$1200.00

**4-C-Acetoxyethyl-1,2-di-O-acetyl-3,5-di-O-benzyl-D-ribofuranose**C<sub>26</sub>H<sub>30</sub>O<sub>9</sub> 486.51

MA45462

500mg	\$450.00
1g	\$750.00
2g	\$1200.00

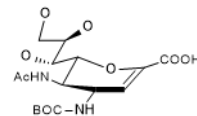
**5-(Acetylamino)-4-[(aminoiminomethyl)amino]-2,6-anhydro-3,4,5-trideoxy-7-O-methyl-D-glycero-D-galacto-non-2-enonic acid**see *Laninamivir*, *ML58733* on page 347**5-(Acetylamino)-4-[(aminoiminomethyl)amino]-2,6-anhydro-3,4,5-trideoxy-7-O-methyl-D-glycero-D-galacto-non-2-enonic acid 9-octanoate**see *Laninamivir octanoate*, *ML58734* on page 347**4-(Acetylamino)-2,6-anhydro-3,4-dideoxy-D-glycero-D-galacto-non-2-enonic acid methyl ester 5,7,8,9-tetraacetate**see *Methyl 5,7,8,9-tetra-O-acetyl-4-acylamino-2,6-anhydro-3,4-dideoxy-D-glycero-D-galacto-2-enonate*, *MM16793* on page 414**5-(Acetylamino)-2,6-anhydro-3,4,5-trideoxy-4-[[[(1,1-dimethylethoxy)carbonyl]amino]-D-glycero-D-galacto-non-2-enonic acid**

• 4-N-tert-Butyloxycarbonyl zanamivir amine

[166830-74-6] C<sub>16</sub>H<sub>26</sub>N<sub>2</sub>O<sub>9</sub> 390.39

MA58736

1mg	\$250.00
2mg	\$450.00
5mg	\$1000.00

**5-(Acetylamino)-9-azido-3,5,9-trideoxy-D-glycero-D-galacto-2-nonulosonic acid**see *N-Acetyl-9-azido-9-deoxy-neuraminic acid*, *MA30919* on page 29**1-[4-(Acetylamino)benzoate]-b-D-glucopyranuronic acid**see *Acedoben-acyl-b-D-glucuronide*, *MA44744* on page 9**2-(Acetylamino)-1-O-benzyl-2-deoxy-3,4-O-isopropylidene-6-O-(2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl)-D-galactopyranoside**[352273-66-6] C<sub>32</sub>H<sub>43</sub>NO<sub>15</sub> 681.68

MA16582

2mg	\$110.00
5mg	\$199.90
10mg	\$363.50

**5-(Acetylamino)-4-amino-2,6-anhydro-3,4,5-trideoxy-7-O-methyl-D-glycero-D-galacto-non-2-enonic acid**

• (4S,5R,6R)-5-Acetamido-4-amino-6-((1R,2R)-2,3-dihydroxy-1-methoxypropyl)-5,6-dihydro-4H-pyran-2-carboxylic Acid

[475483-21-7] C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 304.3

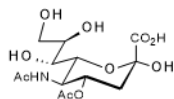
MA58735

1mg	\$195.00
2mg	\$380.00
5mg	\$850.00

**4-O-Acetyl-N-acetyl-neuraminic acid**[16655-75-7] C<sub>13</sub>H<sub>21</sub>NO<sub>10</sub> 351.31

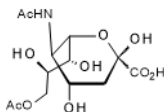
MA29337

1mg	\$80.00
2mg	\$130.00
5mg	\$275.00

**5-N-Acetyl-9-O-acetyl neuraminic acid**• 9-Anana  
• 9-Acetate N-acetyl-neuraminic acid[55717-54-9] C<sub>13</sub>H<sub>21</sub>NO<sub>10</sub> 351.31

MA12117

2mg	\$90.00
5mg	\$150.00
10mg	\$250.00

**2-[[3-(Acetylamino)-5-(acetylmethylamino)-2,4,6-triodobenzoyl]amino]-2-deoxy-D-glucose;**see *Metrizamide*, *MM01350* on page 430

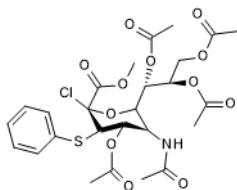
## Acetylamino

## 5-(Acetylamino)-2-chloro-2,5-dideoxy-3-S-phenyl-3-thio-D-erythro-a-L-glucopyranosonic acid methyl ester 4,7,8,9-tetraacetate

[120104-58-7] C<sub>26</sub>H<sub>32</sub>ClNO<sub>12</sub>S 618.05

MA16581

25mg	\$150.00
50mg	\$272.50
100mg	\$496.00

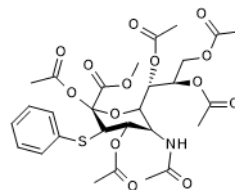


## 5-(Acetylamino)-5-deoxy-3-S-phenyl-3-thio-D-erythro-a-L-glucopyranosonic acid methyl ester 2,4,7,8,9-pentaacetate

[156726-98-6] C<sub>28</sub>H<sub>35</sub>NO<sub>14</sub>S 641.64

MA16583

10mg	\$120.10
25mg	\$218.50
50mg	\$396.50



## 5-(Acetylamino)-2-chloro-2,3,5-trideoxy-D-glycero-b-D-galacto-2-nonulopyranosonic acid methyl ester 4,7,8,9-tetraacetate

see *N-Acetyl-2-chloro-2-deoxyneuraminic acid methyl ester 4,7,8,9-tetraacetate*, MA16576 on page 30

## (15Z)-N-[(1S,2S,3R)-1-[[[6-(Acetylamino)-6-deoxy-a-D-galactopyranosyl]oxy]methyl]-2,3-dihydroxyheptadecyl]-15-tetrasosenamide

see *PBS 57*, MP16830 on page 449

## 2-(Acetylamino)-2-deoxy-a-D-glucopyranose 1,3,4,6-tetraacetate

see *2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-a-D-glucopyranose*, MA07519 on page 20

## 2-(Acetylamino)-2-deoxy-D-glucose 3-acetate

see *2-Acetamido-3-O-acetyl-2-deoxy-D-glucopyranose*, MA03184 on page 9

## 2-(Acetylamino)-2-deoxy-D-glucose 6-acetate

see *N-Acetyl-D-glucosamine 6-acetate*, MA16584 on page 35

## 2-(Acetylamino)-2-deoxy-N-[[[(4-nitrophenyl)amino]carbonyl]oxy]-D-galactonimidic acid 3,4,6-triacetate Δ-lactone

see *O-(2-Acetamido-2-deoxy-3,4,6-tri-O-acetyl-D-glucopyranosylidene)amino N-(4-nitrophenyl)carbamate*, MA16571 on page 17

## 2-(Acetylamino)-2-deoxy-N-[(phenylamino)carbonyl]oxy]-D-galactonimidic acid δ-lactone

see *Galacto-PUGNAc*, MG16732 on page 272

## 2-(Acetylamino)-2-deoxy-3,4,6-tris-O-(phenylmethyl)-D-gluconic acid δ-lactone

see *2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-D-glucono-1,5-lactone*, MA16572 on page 25

## 5-(Acetylamino)-3,5-dideoxy-3-fluoro-D-erythro-α-L-manno-2-Nonulopyranosonic acid, methyl ester, 2,4,7,8,9-pentaacetate

see *2,4,7,8,9-Petra-O-acetyl-N-acetyl-3-fluoro-b-D-neuraminic acid methyl ester*, MP153300 on page 459

## 4-Acetylamino-Kdn2en

see *4-Acetamido-2,6-anhydro-3,4-dideoxy-D-glycero-D-galactanon-2-enonic acid*, MA05709 on page 10

## 2-[[[(2S)-2-(Acetylamino)-3-methyl-3-(nitrosothio)-1-oxobutyl]amino]-2-deoxy-b-D-glucopyranose 1,3,4,6-tetraacetate

see *N-(S-Nitroso-N-acetyl-D,L-penicillamine)-2-amino-2-deoxy-1,3,4,6-tetra-O-acetyl-b-D-glucopyranose*, MN16821 on page 441

## (7S)-7-(Acetylamino)-5,6,7,9-tetrahydro-1,2-dimethoxy-10-(methylthio)-9-oxobenzo[a]heptalen-3-yl b-D-glucopyranosiduronic acid

see *3-Desmethylthiocolchicine-3-O-D-glucuronide*, MD10001 on page 189

## (7S)-7-(Acetylamino)-5,6,7,9-tetrahydro-1,2-dimethoxy-10-(methylthio)-9-oxobenzo[a]heptalen-3-yl 2,3,4-tri-O-acetyl-b-D-glucopyranosiduronic acid methyl ester

see *3-Desmethyl thiocolchicine 2-O-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester)*, MD16671 on page 162

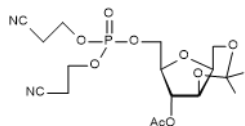
## (7S)-7-(Acetylamino)-5,6,7,9-tetrahydro-1,2,10-trimethoxy-9-oxobenzo[a]heptalen-3-yl b-D-glucopyranosiduronic acid

see *3-Desmethyl colchicine 3-O-b-D-glucuronide*, MD16670 on page 162

**(8S-cis)-8-Acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-5,12-naphthacenedione**see *Daunorubicin, MD32002* on page 158**4-O-Acetyl-2,5-anhydro-1,3-O-isopropylidene-6-[bis(2-cyanoethyl)phosphoryl]-D-glucitol**[1041021-85-5] C<sub>17</sub>H<sub>25</sub>N<sub>2</sub>O<sub>9</sub>P 432.36

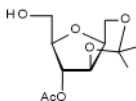
MA05705

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50

**4-O-Acetyl-2,5-anhydro-1,3-isopropylidene-D-glucitol**[70128-28-8] C<sub>11</sub>H<sub>18</sub>O<sub>6</sub> 246.26

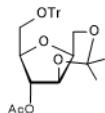
MA04459

10mg	\$95.00
25mg	\$175.00
50mg	\$300.00

**4-O-Acetyl-2,5-anhydro-1,3-O-isopropylidene-6-O-trityl-D-glucitol**[65729-83-1] C<sub>30</sub>H<sub>32</sub>O<sub>6</sub> 488.57

MA05133

50mg	\$79.00
100mg	\$158.00
250mg	\$262.50

**5-O-Acetyl-a-L-arabinofuranose**

• ((2S,3R,4R,5R)-3,4,5-Trihydroxyoxolan-2-yl)methyl

[146572-26-1] C<sub>7</sub>H<sub>12</sub>O<sub>6</sub> 192.17

MA139148

Price On Application

**1-O-Acetyl-2-azido-2-deoxy-3,4-di-O-benzyl-6-O-benzoyl-D-glucopyranose**C<sub>29</sub>H<sub>29</sub>N<sub>3</sub>O<sub>7</sub> 531.56

MA04159

Price On Application

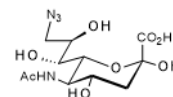
**N-Acetyl-9-azido-9-deoxy-neuraminic acid**

- 5-(Acetylamino)-9-azido-3,5,9-trideoxy-D-glycero-D-galacto-2-nonulosonic acid
- 9-Azido-N-acetylneuraminic acid

[76487-51-9] C<sub>11</sub>H<sub>18</sub>N<sub>4</sub>O<sub>8</sub> 334.28

MA30919

2mg	\$70.00
5mg	\$125.00
10mg	\$195.00

**1-O-Acetyl-2-O-benzoyl-3-O-tert-butylidimethylsilyl-L-threofuranose**

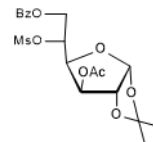
MA138600

50g \$8500.00

**3-O-Acetyl-6-O-benzoyl-5-O-methylsulfonyl-1,2-O-isopropylidene-a-D-glucofuranose**[102029-58-3] C<sub>19</sub>H<sub>24</sub>O<sub>10</sub>S 444.45

MA05041

1g	\$63.00
5g	\$131.30
10g	\$210.00

**N-Acetyl-4,6-benzylidene-D-glucosamine**see *2-Acetamido-4,6-O-benzylidene-2-deoxy-D-glucopyranose, MA03185* on page 11

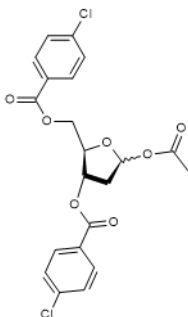
**Acetylchloro****1-O-Acetyl-3,5-bis(4-chlorobenzoyl)-2-deoxy-D-ribose**

• 1-Acetate 3,5-bis(4-chlorobenzoate)-2-deoxy-D-erythro-pentofuranose

[1207459-15-1] C<sub>21</sub>H<sub>18</sub>Cl<sub>2</sub>O<sub>7</sub> 453.27

MA16578

250mg	\$75.00
500mg	\$105.00
1g	\$150.00

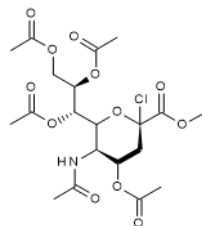
Refs: Tai-Shun, L, et al, *Tetrahedron*, 51, 1055 (1995); Gaubert, G, et al, *Eur. J. Med. Chem.*, 35, 1011 (2000)**N-Acetyl-2-chloro-2-deoxy-b-neuraminic acid methyl ester 4,7,8,9-tetraacetate**see *N-Acetyl-2-chloro-2-deoxyneuraminic acid methyl ester 4,7,8,9-tetraacetate*, MA16576 on page 30**N-Acetyl-2-chloro-2-deoxyneuraminic acid methyl ester 4,7,8,9-tetraacetate**

- N-Acetyl-2-chloro-2-deoxy-b-neuraminic acid methyl ester 4,7,8,9-tetraacetate
- 5-(Acetylamino)-2-chloro-2,3,5-trideoxy-D-glycero-D-galacto-2-nonulopyranosonic acid methyl ester 4,7,8,9-tetraacetate

[67670-69-3] C<sub>20</sub>H<sub>28</sub>ClNO<sub>12</sub> 509.89

MA16576

100mg	\$100.00
250mg	\$225.00
500mg	\$400.00

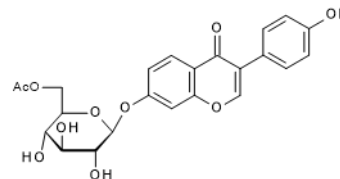
Refs: Tindal, D, et al, *Bioorg. Med. Chem. Lett.*, 17, 1655 (2007)**N-Acetylchondrosamine**see *N-Acetyl-D-galactosamine*, MA04390 on page 33**6-O-Acetylaidizin**

• Daidizin 6-O-acetate

[71385-83-6] C<sub>23</sub>H<sub>22</sub>O<sub>10</sub> 458.41

MA09893

1mg	\$250.00
2mg	\$390.00
5mg	\$700.00

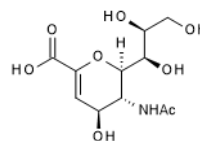
Refs: Wang H, and Murphy PA, *J. Agric. Food Chem.* 1994, 42, p1666**N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid**

- NADNA
- 2,3-Dehydro-2-deoxy-N-acetylneuraminic acid

[24967-27-9] C<sub>11</sub>H<sub>17</sub>NO<sub>8</sub> 291.25

MA06939

1mg	\$65.00
2mg	\$110.00
5mg	\$215.00

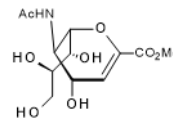
**N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid methyl ester**

- Methyl 5-acetamido-2,6-anhydro-3,5-dideoxy-D-glycero-D-galacto-non-2-enonate
- 2,3-Dehydro-N-acetylneuraminic acid methyl ester

[25875-99-4] C<sub>12</sub>H<sub>19</sub>NO<sub>8</sub> 305.29

MA05288

25mg	\$65.00
50mg	\$110.00
100mg	\$190.00

Refs: Schauer R, *Adv. Carbohydr. Chem. Biochem.* 1982, 40, p131; Schreiner E, Schauer R, *Carbohydr. Res.* 1991, 216, p61

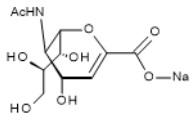
**N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid sodium salt**

- 2,3-Dehydro-2-deoxy-N-acetylneuraminic acid
- Sodium 5-acetamido-2,6-anhydro-3,5-dideoxy-D-glycero-D-galacto-non-2-enonate

[209977-53-7] C<sub>11</sub>H<sub>16</sub>NNaO<sub>8</sub> 313.24

MA06093

5mg	\$75.00
10mg	\$140.00
25mg	\$275.00



Refs: Schauer R, Adv. Carbohydr. Chem. Biochem. 1982, 40, p131; Schreiner E, Schauer R, Carbohydr. Res. 1991, 216, p61

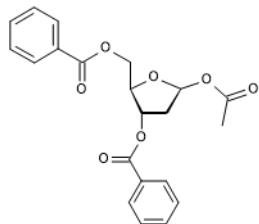
**1-Acetyl-2-deoxy-3,5-di-O-benzoylribofuranose**

- 2-Deoxy-D-erythro-pentofuranose 1-acetate 3,5-dibenzoate

[51255-12-0] C<sub>21</sub>H<sub>20</sub>O<sub>7</sub> 384.38

MA17061

25mg	\$110.00
50mg	\$200.00
100mg	\$350.00



Refs: Ohno, M, et al, Anticancer Agents Based on Natural Product Models, 16, 73 (1980); Sonveaux, E, et al, Bioorg. Chem, 14, 274 (1986); De Clercq, E, et al, Antiviral Res, 12, 1 (1989)

**1-O-Acetyl-2-deoxy-3,5-di-O-toluoyl-b-D-erythropentofuranose**

[57236-72-3]

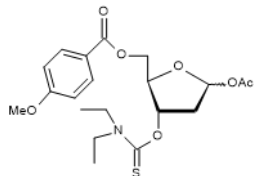
Price On Application

MA04018

**1-O-Acetyl-2-deoxy-5-O-p-methoxybenzoyl-3-O-(N,N-diethylthiocarbamoyl)-D-ribofuranose**C<sub>20</sub>H<sub>27</sub>NO<sub>7</sub>S 425.5

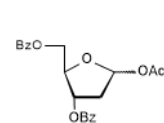
MA05945

Price On Application

**1-O-Acetyl-3,5-di-O-benzoyl-2-deoxy-D-ribofuranose**C<sub>21</sub>H<sub>20</sub>O<sub>7</sub> 384.38

MA06668

25mg	\$89.50
50mg	\$168.00
100mg	\$263.00



Refs: Sonveaux E, Bioorg. Chem. 1976, 14, p274; Dew Clercq E, Antiviral Res. 1989, 12, p1; Ohno M, Anticancer Agents Natl Prduct Mdls, 1980, 16, p73

**1-O-Acetyl-2,5-di-O-benzoyl-3-fluoro-3-deoxy-b-D-ribofuranoside**

[122654-34-6]

Price On Application

MA59622

**1-O-Acetyl-2,5-di-O-benzoyl-3-fluoro-3-deoxy-D-ribofuranoside**

[123484-12-8]

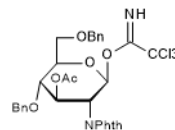
MA31302

250mg	\$1750.00
500mg	\$2500.00
1g	\$3500.00

**4-O-Acetyl-3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl trichloroacetimidate**C<sub>32</sub>H<sub>29</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>8</sub> 675.94

MA10986

50mg	\$85.00
100mg	\$150.00
250mg	\$225.00

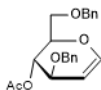


## Acetyldibenz

## 4-O-Acetyl-3,6-di-O-benzyl-D-glucal

C<sub>22</sub>H<sub>24</sub>O<sub>5</sub> 368.43

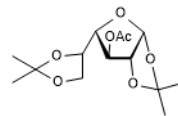
MA07473

100mg \$90.00  
250mg \$172.50  
500mg \$315.00

## 3-O-Acetyl-1,2:5,6-di-O-isopropylidene-a-D-galactofuranose

[38166-65-3] C<sub>14</sub>H<sub>22</sub>O<sub>7</sub> 302.32

MA07181

10mg \$89.30  
25mg \$189.00  
50mg \$367.50

## 4-O-Acetyl-3,6-di-O-tert-butylidimethylsilyl-D-galactal

[163381-38-2]

MA03776

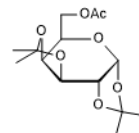
Price On Application



## 6-O-Acetyl-1,2:3,4-di-O-isopropylidene-a-D-galactopyranose

[4860-78-0] C<sub>14</sub>H<sub>22</sub>O<sub>7</sub> 302.32

MA00850

1g \$189.00  
5g \$472.50  
10g \$840.00

## 4-O-Acetyl-3,6-di-O-tert-butylidimethylsilyl-D-glucal

[132891-79-3]

MA04328

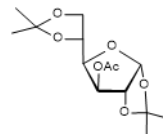
Price On Application



## 3-O-Acetyl-1,2:5,6-di-O-isopropylidene-a-D-glucofuranose

[16713-80-7] C<sub>14</sub>H<sub>22</sub>O<sub>7</sub> 302.32

MA06541

5g \$55.00  
10g \$100.00  
25g \$225.00

## 4-O-Acetyl-3,6-di-O-tert-butylidiphenylsilyl-D-galactal

[342029-19-0]

MA04309

Price On Application

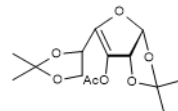


## 3-O-Acetyl-1,2:5,6-di-O-isopropylidene-a-D-gulofur-3-enose

• 3-O-Acetyl-1,2:5,6-di-O-isopropylidene-a-D-erythrohexofuranen-3-ose

[14686-88-5] C<sub>14</sub>H<sub>20</sub>O<sub>7</sub> 300.31

MA07180

50mg \$89.50  
100mg \$168.00  
250mg \$262.50

## 3-O-Acetyl-1,2:5,6-di-O-isopropylidene-a-D-erythrohexofuranen-3-ose

see 3-O-Acetyl-1,2:5,6-di-O-isopropylidene-a-D-gulofur-3-enose, MA07180 on page 32

## 1-O-Acetyl-2,3:5,6-di-O-isopropylidene-D-mannofuranose

MA137595

Price On Application

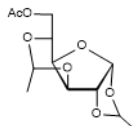




**6-O-Acetyl-1,2:3,5-di-O-methylidene- $\alpha$ -D-glucofuranose**C<sub>12</sub>H<sub>18</sub>O<sub>7</sub> 274.27

MA06846

2g	\$390.00
5g	\$800.00
10g	\$1350.00

**4-O-Acetyl-3,6-di-O-triisopropylsilyl-D-galactal**

[201053-38-5]

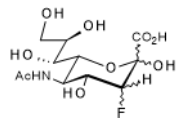
MA04290

Price On Application

**N-Acetyl-3-fluoro-neuraminic acid**[921-40-4] C<sub>11</sub>H<sub>18</sub>FNO<sub>9</sub> 327.26

MF61553

Price On Application

**N-Acetyl-D-fucosamine**

see 2-Acetamido-2,6-dideoxy-D-galactose, MA15410 on page 18

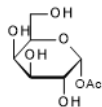
**N-Acetyl-L-fucosamine**

see 2-Acetamido-2,6-dideoxy-L-galactose, MA15409 on page 18

**1-O-Acetyl- $\alpha$ -D-galactopyranose - min 90%  $\alpha$** [496924-55-1] C<sub>8</sub>H<sub>14</sub>O<sub>7</sub> 222.19

MA46740

Price On Application

**N-Acetyl-D-galactopyranosylthiosemicarbazide**

MA05624

Price On Application

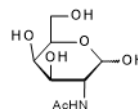
**N-Acetyl-D-galactosamine**

- GalNAc
- 2-Acetamino-2-deoxy- $\alpha$ -D-galactopyranose
- N-Acetylchondrosamine

[1811-31-0][14215-68-0] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

MA04390

2g	\$60.00
5g	\$105.00
10g	\$180.00



Refs: Matulic-Adamic J, Serebryany V, Haeblerli P, et al, Bioconjugate Chem. 2002, 13, p1071

**N-AcetylGalactosamine-BSA**

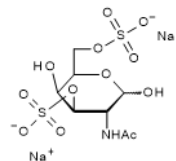
MA58623

1mg	\$850.00
2mg	\$1450.00
5mg	\$2750.00

**N-Acetyl-D-galactosamine-3,6-di-O-sulphate sodium salt**CaH<sub>13</sub>NO<sub>12</sub>S<sub>2</sub>·2Na 425.3

MA10906

1mg	\$63.00
2mg	\$105.00
5mg	\$210.00



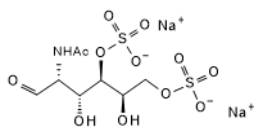
**Acetylgalact****N-Acetyl-D-galactosamine-4,6-di-O-sulphate sodium salt**

• 2-Acetamido-2-deoxy-D-galactose 4,6-bis(hydrogen sulphate) sodium salt

[157296-98-5] C<sub>8</sub>H<sub>13</sub>NO<sub>12</sub>S<sub>2</sub>Na<sub>2</sub> 425.29

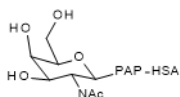
MA00764

2mg	\$46.20
5mg	\$78.80
10mg	\$115.50

**N-Acetyl-D-galactosamine-PAP-HSA**

MA03896

Price On Application

**N-Acetyl-a-D-galactosamine-PEG3-alkyne**

- (9-Propargyl-3,6,9-trioxadodecyl) 2-acetamido-2-deoxy-a-D-galactopyranoside
- 1-O-(2-(2-(2-(Prop-2-ynyl)oxy)ethoxy)ethoxy)-2-acetamido-2-deoxy-alpha-D-galactopyranoside

C<sub>17</sub>H<sub>29</sub>NO<sub>9</sub> 391.41

MA44922

5mg	\$90.00
10mg	\$160.00
25mg	\$350.00

**N-Acetyl-b-D-galactosamine-PEG3-azide**

• b-GalNAc-PEG3-Azide

C<sub>14</sub>H<sub>26</sub>N<sub>4</sub>O<sub>8</sub> 378.38

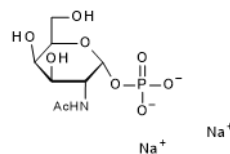
MA106408

50mg	\$695.00
100mg	\$975.00
250mg	\$1950.00

**N-Acetyl-D-galactosamine-1-phosphate disodium salt**C<sub>8</sub>H<sub>14</sub>NO<sub>9</sub>P·2Na 345.15

MA31318

1mg	\$65.00
2mg	\$110.00
5mg	\$195.00

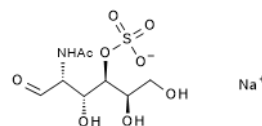
**N-Acetyl-D-galactosamine-4-O-sulphate sodium salt**

• 2-Acetamido-2-deoxy-D-galactose 4-(hydrogen sulphate) monosodium salt

[660839-03-2] C<sub>8</sub>H<sub>14</sub>NO<sub>9</sub>SNa 323.25

MA00763

1mg	\$89.30
2mg	\$168.00
5mg	\$262.50

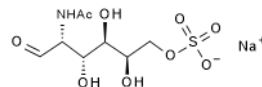
**N-Acetyl-D-galactosamine-6-O-sulphate sodium salt**

• 2-Acetamido-2-deoxy-D-galactose 6-(hydrogen sulphate), monosodium salt

[204575-07-5] C<sub>8</sub>H<sub>14</sub>NO<sub>9</sub>SNa 323.25

MA02183

2mg	\$70.00
5mg	\$115.00
10mg	\$220.00

**N-Acetyl-a-D-galactosaminyl-1-O-serine**

see 2-Acetamido-2-deoxy-a-D-galactopyranosyl serine, MA07378 on page 13

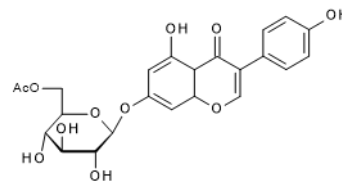
**6-O-Acetylgenistin**

• Genistin 6-O-acetate

[73566-30-0] C<sub>23</sub>H<sub>22</sub>O<sub>11</sub> 474.41

MA09967

1mg	\$350.00
2mg	\$500.00
5mg	\$750.00



Refs: Wang H, Murphy PA, J. Agric. Food Chem.1994, 42, p1666

**N-Acetyl-a-D-glucosamine**

- N-[(2S,3R,4R,5S,6R)-2,4,5-Trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-3-yl]acetamide
- 2-Acetamido-2-deoxy-a-D-glucopyranose

[10036-64-3] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

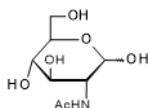
MA45477	5g	\$50.00
	10g	\$80.00
	25g	\$125.00

**N-Acetyl-D-glucosamine**

- 2-Acetamido-2-deoxy-D-glucopyranose
- GlcNAc

[7512-17-6] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

MA00834	500g	\$50.00
	1kg	\$85.00
	2kg	\$160.00



Refs: Berkin A, Szarek WA, Kisilevsky R, Glycoconjugate J. 2005, 22, p443; Blach WE, Dunphy WG, Braell WA, et al, Cell 1984, p405; Armstrong C, Schubert J, Ueda E, et al, J. Biol. Chem. 1992, 267, 35, p25347

**N-Acetyl-D-glucosamine - plant source**[7512-17-6] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

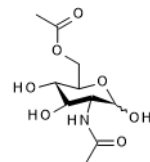
MA10891	100g	\$50.00
	250g	\$77.50
	500g	\$125.00

**N-Acetyl-D-glucosamine 6-acetate**

- 2-(Acetylamino)-2-deoxy-D-glucose 6-acetate
- (N,6-O)-Diacetyl-D-glucosamine

[131832-93-4] C<sub>10</sub>H<sub>17</sub>NO<sub>7</sub> 263.24

MA16584	10mg	\$145.00
	25mg	\$195.00
	50mg	\$370.00



Refs: Zhong, Z. et al, J. AM. Chem. Soc, 113, 683 (1991)

**N-Acetylglucosamine-BSA**

- GlcNAc-BSA

MA58624	250ug	\$150.00
	500ug	\$225.00
	1mg	\$380.00

**N-Acetyl-D-glucosamine-3-6-di-O-sulfate sodium salt**C<sub>8</sub>H<sub>13</sub>NNa<sub>2</sub>O<sub>12</sub>S<sub>2</sub> 425.3

MA58453	2mg	\$82.34
	5mg	\$173.55
	10mg	\$277.70

**N-Acetyl-D-glucosamine 2-epimerase**

MA11081	1g	\$125.00
	2g	\$190.00
	5g	\$375.00

**N-Acetyl-b-D-glucosamine-PEG3-azide**

- b-GlcNAc-PEG3-N3

C<sub>14</sub>H<sub>26</sub>N<sub>4</sub>O<sub>8</sub> 378.38

MN106409 Price On Application



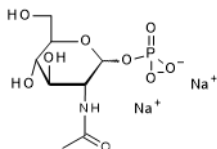
**Acetylglucos****N-Acetyl-a-D-glucosamine-1-phosphate disodium salt**

• N-Acetyl-D-glucosamine-1-phosphate disodium salt

[374726-40-6][31281-59-1] C<sub>8</sub>H<sub>14</sub>NO<sub>9</sub>P·2Na 345.15

MA04374

5mg	\$95.00
10mg	\$170.00
25mg	\$300.00

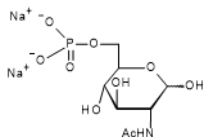
**N-Acetyl-D-glucosamine-1-phosphate disodium salt**see *N-Acetyl-a-D-glucosamine-1-phosphate disodium salt, MA04374* on page 36**N-Acetyl-D-glucosamine-6-phosphate disodium salt**

• 2-Acetamido-2-deoxy-D-glucosamine-6-phosphate disodium salt

[102029-88-9] C<sub>8</sub>H<sub>14</sub>NO<sub>9</sub>P·2Na 345.15

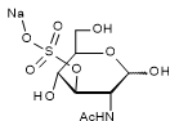
MA06746

50mg	\$100.00
100mg	\$168.00
250mg	\$342.50

**N-Acetyl-D-glucosamine 6-O-sulfate sodium salt**see *2-Acetamido-2-deoxy-D-glucopyranose 6-sulphate sodium salt, MA00759* on page 14**N-Acetyl-D-glucosamine-3-O-sulphate sodium salt**C<sub>8</sub>H<sub>14</sub>NO<sub>9</sub>SNa 323.25

MA07944

25mg	\$82.50
50mg	\$155.00
100mg	\$285.00

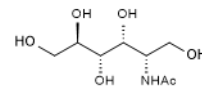
**N-Acetyl-D-glucosaminitol**

• 2-Acetamido-2-deoxy-D-glucitol

[4271-28-7] C<sub>8</sub>H<sub>17</sub>NO<sub>6</sub> 223.22

MA10352

500mg	\$85.00
1g	\$150.00
2g	\$250.00



Refs: Drager-Dyal R, Decrind C, Hoessli D C, Qazi M H, Del Guidice G, Lambert P H, Journal of the Chemical Society of Pakistan 1990, 12p344

**N-Acetyl-glucosaminyl thiazoline**

- (5R,6S,7R)-5-(Hydroxymethyl)-2-methyl-5,6,7,7a-tetrahydro-3aH-pyrano[3,2-d]thiazole-6,7-diol
- GlcNAc thiazoline
- NAG-thiazoline

[179030-22-9] C<sub>8</sub>H<sub>13</sub>NO<sub>4</sub>S 219.26

MA141200

50mg	\$81.00
100mg	\$141.00
250mg	\$280.00

**N-Acetyl-glucosaminyl thiazoline triacetate**

[67109-74-4]

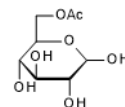
MA158083

250mg	\$550.00
500mg	\$950.00
1g	\$1560.00

**6-O-Acetyl-D-glucose**[7286-45-5] C<sub>8</sub>H<sub>14</sub>O<sub>7</sub> 222.19

MA61678

25mg	\$60.00
50mg	\$100.00
100mg	\$155.00



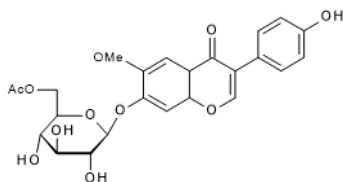
**6-O-Acetylglycitin**

- Glycitin 6-O-acetate
- Acetylglycitin

[134859-96-4] C<sub>24</sub>H<sub>26</sub>O<sub>11</sub> 490.46

MA09966

1mg	\$175.00
2mg	\$300.00
5mg	\$500.00

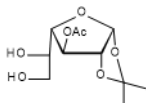
**Acetylglycitin**

see 6-O-Acetylglycitin, MA09966 on page 37

**3-O-Acetyl-1,2-O-isopropylidene-a-D-galactofuranose**[109680-96-8] C<sub>11</sub>H<sub>18</sub>O<sub>7</sub> 262.26

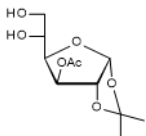
MA07171

5mg	\$94.50
10mg	\$168.00
25mg	\$262.50

**3-O-Acetyl-1,2-O-isopropylidene-a-D-glucofuranose**[24807-96-3] C<sub>11</sub>H<sub>18</sub>O<sub>7</sub> 262.26

MA00965

250mg	\$92.50
500mg	\$160.00
1g	\$315.00

**3-O-Acetyl-1,2-O-isopropylidene-6-O-trityl-b-L-arabino-hexofuranos-5-ulose**[109680-98-0] C<sub>30</sub>H<sub>30</sub>O<sub>7</sub> 502.56

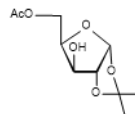
MA07170

5mg	\$99.80
10mg	\$168.00
25mg	\$262.50

**5-O-Acetyl-1,2-O-isopropylidene-a-D-xylofuranose**C<sub>10</sub>H<sub>16</sub>O<sub>6</sub> 232.23

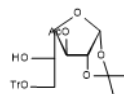
MA07479

10mg	\$89.30
25mg	\$157.50
50mg	\$262.50

**3-O-Acetyl-1,2-O-isopropylidene-6-O-trityl-a-D-galactofuranose**[109680-97-9] C<sub>30</sub>H<sub>32</sub>O<sub>7</sub> 504.57

MA07169

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50

**N-Acetyl-L-lyxosamine**

- 2-Acetamido-2-deoxy-lyxose

C<sub>7</sub>H<sub>13</sub>NO<sub>5</sub> 191.18

MA16155

500mg	\$1185.00
1g	\$1890.00
2g	\$3150.00

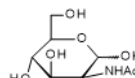
**N-Acetyl-D-mannosamine**

- 2-Acetamido-2-deoxy-D-mannose monohydrate
- 2-Acetamido-2-deoxy-D-mannopyranose

[7772-94-3][3615-17-6][4773-29-9] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

MA05269

5g	\$50.00
10g	\$75.00
25g	\$140.00



Refs: Hotta K, Kurokawa M, Isaka S, Seikagaku 1973, 45, p911; Blayer S, Woodley JM, Dawson MJ, et al, Biotechnol. Bioeng. 1999, 66, p131

**N-Acetyl-L-mannosamine**

see 2-Acetamido-2-deoxy-L-mannopyranose, MA06206 on page 16

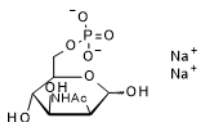
## Acetylmannos

## N-Acetyl-D-mannosamine-6-phosphate disodium salt

C<sub>8</sub>H<sub>14</sub>NO<sub>9</sub>P·2Na 345.15

MA11529

5mg	\$50.00
10mg	\$79.00
25mg	\$157.50



## N-Acetyl-D-mannosaminuronic acid

MA63242

Price On Application



## N-Acetyl-4,6-(p-methoxybenzylacetal)-2-deoxy-1-O-methyl-a-D-galactosamine

see *Methyl 2-acetamido-2-deoxy-4,6-(4-methoxybenzylidene)-a-D-galactopyranoside*,  
 MM04462 on page 372

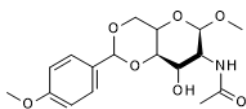
## N-Acetyl-4,6-(p-methoxybenzylidene)-2-deoxy-1-O-methyl-a-D-galactosamine

• Methyl 2-(acetylamino)-2-deoxy-4,6-O-[(4-methoxyphenyl)methylene]-a-D-galactopyranoside

[188666-34-4] C<sub>17</sub>H<sub>23</sub>NO<sub>7</sub> 353.37

MA16579

25mg	\$110.00
50mg	\$200.50
100mg	\$364.00

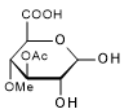


## 3-O-Acetyl-4-O-methyl-D-glucuronic acid

C<sub>9</sub>H<sub>14</sub>O<sub>8</sub> 250.2

MA58236

10mg	\$350.00
25mg	\$750.00
50mg	\$1250.00



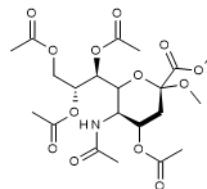
## N-Acetyl-2-O-methyl-a-neuraminic acid methyl ester 4,7,8,9-tetraacetate

• Methyl(methyl-5-acetamido-4,7,8,9-tetra-D-acetyl-3,5-dideoxy-D-glycero-a-D-galacto-2-nulonopyranoside)onate

[73208-80-7] C<sub>21</sub>H<sub>31</sub>NO<sub>13</sub> 505.47

MA16577

10mg	\$120.00
25mg	\$210.00
50mg	\$375.00



Refs: Kijima, I, et al, Chem. Pharm. Bull, 30, 3278 (1982); Knibbs, R.N, et al, J. Biol. Chem, 268, 18524 (1993)

## Acetyl-MTS-5-galactose

see *2,3,4,6-Tetra-O-acetyl-N-(b-D-galactopyranosyl)-N'-[(2-methanethiosulfonyl)ethyl]urea*,  
 MT01191 on page 526

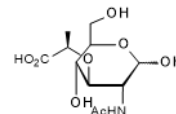
## N-Acetylmuramic acid

• 2-Acetamido-2-deoxy-3-O-(D-1-carboxyethyl)-D-glucopyranose

[10597-89-4] C<sub>11</sub>H<sub>19</sub>NO<sub>8</sub> 293.27

MA05012

25mg	\$50.00
50mg	\$75.00
100mg	\$130.00



Refs: Herbold DR, Glasser L, JBC 1975, 250, 5, p1676; Nathan S, Osawa T, Flowers HM, et al, J. Biol. Chem. 1966

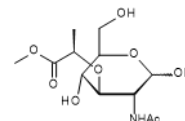
## N-Acetylmuramic acid methyl ester

• 2-Acetamido-3-O-(D-1-carboxyethyl)-2-deoxy-D-glucose methyl ester

[99689-20-0] C<sub>12</sub>H<sub>21</sub>NO<sub>8</sub> 307.3

MA10020

100mg	\$1500.00
250mg	\$3125.00
500mg	\$4250.00



Refs: Carroll P M, et al, Nature, 1963, 197, p694

**N-Acetylmuramic acid 6-phosphate**

MA76722

10mg \$4300.00  
25mg \$5000.00**N-Acetylmuramyl-L-Ala-D-Glu-NH2**see *N-Acetylmuramyl-L-alanyl-D-isoglutamine hydrate*, MA58738 on page 39**N-Acetylmuramyl-L-alanyl-D-isoglutamine hydrate**

- N-Ac-Mur-Ala-D-Glu-NH2
- N-Acetylmuramyl-L-Ala-D-Glu-NH2
- Muramyl dipeptide

[53678-77-6] C<sub>19</sub>H<sub>32</sub>N<sub>4</sub>O<sub>11</sub>·xH<sub>2</sub>O 492.48 (anhydrous basis)1mg \$90.00  
2mg \$150.00  
5mg \$275.00

MA58738

**N-Acetylneuraminase lyase**see *Sialic acid aldolase - crystalline*, MS11080 on page 503**N-Acetyl-D-[1-13C]neuraminic acid**

[131-48-6]

50mg \$341.50  
100mg \$578.00  
250mg \$1182.50

MA15642

**N-Acetyl-D-[2-13C]neuraminic acid**

[131-48-6]

50mg \$315.00  
100mg \$525.00  
250mg \$1050.00

MA15585

**N-Acetyl-L-neuraminic acid**

- L-NANA
- Neu-L-5Ac

C<sub>11</sub>H<sub>19</sub>NO<sub>9</sub> 309.27

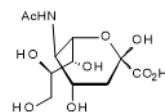
MA64798

100mg \$6500.00  
500mg \$8500.00  
1g \$9800.00**N-Acetylneuraminic acid**

- Sialic acid
- NANA
- Neu5Ac

[131-48-6] C<sub>11</sub>H<sub>19</sub>NO<sub>9</sub> 309.27

MA00746

10g \$55.00  
25g \$85.00  
50g \$160.00

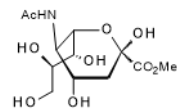
Refs: Gordon DM, Whitesides GM, J. Org. Chem. 1993, 58, p7937; Methods Enzymol. 1962, 5, p391; Biochem. 1979, 18, p2086

**N-Acetylneuraminic acid aldolase**see *Sialic acid aldolase - crystalline*, MS11080 on page 503**N-Acetylneuraminic acid methyl ester**

- Methyl 5-acetamido-3,5-dideoxy-D-glycero-b-D-galacto-non-2-ulopyranosonate

[50998-13-5][22900-11-4] C<sub>12</sub>H<sub>21</sub>NO<sub>9</sub> 323.3

MA04202

1g \$50.00  
2g \$80.00  
5g \$150.00

Refs: Haverkamp J, Schauer R, Wember M, et al, Physiol. Chem. 1975, p1575-83

**N-Acetylneuraminic acid methyl ester 2,4,7,8,9-pentaacetate**see *2,4,7,8,9-Penta-O-acetyl-N-acetylneuraminic acid methyl ester*, MP08988 on page 450**N-Acetylneuraminic acid 2,4,7,8,9-pentaacetate**see *2,4,7,8,9-Penta-O-acetyl N-acetylneuraminic acid*, MP07911 on page 450

## Acetylneuram

## N-Acetylneuraminic acid 9-phosphate

[37992-17-9] C<sub>11</sub>H<sub>20</sub>NO<sub>12</sub>P 389.25

Price On Application

MA158030



## N-Acetylneuraminic acid sodium salt

MA29017

Price On Application



## N-Acetyl-2-O-(4-nitrophenyl)-a-neuraminic acid methyl ester

see 5-Acetamino-4-hydroxy-2-(4-nitro-phenoxy)-6-(1,2,3-trihydroxy-propyl)-tetrahydro-pyran-2-carboxylic acid methyl ester, MA16573 on page 25

## N-Acetyl-2-O-propargyl-a-neuraminic acid

[1208376-36-6] C<sub>14</sub>H<sub>21</sub>NO<sub>9</sub> 347.32

Price On Application

MA158662



## (3b,5b,16b)-16-(Acetyloxy)-3-[(2,6-dideoxy-3-O-methyl-a-L-arabino-hexopyranosyl)oxy]-14-hydroxycard-20(22)-enolide

see Oleandrin, MO26544 on page 445

## (9β,10α,16α,23E)-25-(Acetyloxy)-2-(β-D-glucopyranosyloxy)-16,20-dihydroxy-9-methyl-19-norlanosta-1,5,23-triene-3,11,22-trione

see 2-O-b-D-Glucopyranosylcurbitacin E, MG157159 on page 290

## 6'-O-Acetylpaniculoside II

MA44340

Price On Application



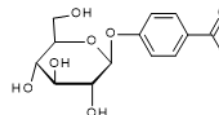
## 4-Acetylphenyl-b-D-glucopyranoside

- Picein
- Amelliaroside
- Piceoside

[530-14-3] C<sub>14</sub>H<sub>18</sub>O<sub>7</sub> 298.29

MA04949

10mg	\$65.00
25mg	\$125.00
50mg	\$195.00



## N-Acetyl-1,6-bis-O-(phenylmethyl)-a-muramic acid methyl ester

see Benzyl N-acetyl-6-O-benzyl-a-D-muramic acid methyl ester, MB16624 on page 103

## N-Acetyl-1-O-(phenylmethyl)-4,6-O-(phenylmethylene)-a-isomuramic acid

see Benzyl N-acetyl-4,6-O-benzylidene-a-isomuramic acid, MB16622 on page 103

## N-Acetyl-1-O-(phenylmethyl)-4,6-O-(phenylmethylene)-a-isomuramic acid methyl ester

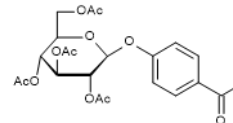
see Benzyl N-acetyl-4,6-O-benzylidene-a-isomuramic acid methyl ester, MB16623 on page 103

## 4-Acetylphenyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside

[25876-45-3] C<sub>22</sub>H<sub>28</sub>O<sub>11</sub> 466.45

MA09706

25mg	\$105.00
50mg	\$157.50
100mg	\$263.00



## N-Acetyl-2-phenylthioneuraminic acid, methyl ester, 4,7,8,9-tetraacetate

see Phenyl 4,7,8,9-tetra-O-acetyl-2-thio-N-acetyl-D-neuraminic acid methyl ester, MP08082 on page 470



**N-Acetyl-D-quinovosamine**

• 2-Acetamido-2,6-dideoxy-D-glucose

[40614-71-9] C<sub>8</sub>H<sub>15</sub>NO<sub>5</sub> 205.21

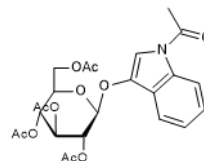
MA64786

50mg	\$750.00
100mg	\$1300.00
250mg	\$2875.00

**N-Acetyl-4,7,8,9-tetra-O-acetyl-2,3-dehydro-2-deoxyneuraminic acid, methyl ester**see *Methyl 5-acetamido-4,7,8,9-tetra-O-acetyl-2,6-anhydro-3,5-dideoxy-D-glycero-D-galacto-non-2-enonate*, MM04188 on page 373**1-Acetyl-3-O-(2,3,4,6-tetra-O-acetyl-b-D-glucopyranosyl)indole**[7497-97-4] C<sub>24</sub>H<sub>27</sub>NO<sub>11</sub> 505.47

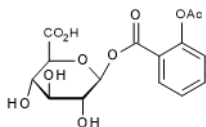
MA07173

Price On Application

**2-Acetylsalicylic acid acyl-b-D-glucuronide**see *Acetylsalicylic acid-acyl-b-D-glucuronide*, MA44743 on page 41**Acetylsalicylic acid-acyl-b-D-glucuronide**• Aspirin-acyl-b-D-glucuronide  
• 2-Acetylsalicylic acid acyl-b-D-glucuronide[24719-72-0] C<sub>15</sub>H<sub>16</sub>O<sub>10</sub> 356.28

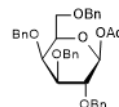
MA44743

1mg	\$190.00
2mg	\$350.00
5mg	\$750.00

**1-O-Acetyl-2,3,4,6-tetra-O-benzyl-b-D-galactopyranose**[3866-62-4] C<sub>36</sub>H<sub>38</sub>O<sub>7</sub> 582.68

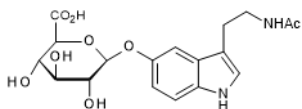
MA07174

500mg	\$100.00
1g	\$175.00
2g	\$300.00

**N-Acetylserotonin b-D-glucuronide**[18430-06-3] C<sub>19</sub>H<sub>22</sub>N<sub>2</sub>O<sub>8</sub> 394.38

MA09604

1mg	\$210.00
2mg	\$380.00
5mg	\$825.00

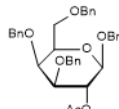


Refs: Barrenetxe J, et al, J. Physiol. Biochem, 2004, 60, p61

**2-O-Acetyl-1,3,4,6-tetra-O-benzyl-b-D-galactopyranoside**[61820-03-9] C<sub>36</sub>H<sub>38</sub>O<sub>7</sub> 582.68

MA06758

100mg	\$90.00
250mg	\$172.50
500mg	\$265.00

**N-Acetyl-D-talosamine**see *2-Acetamido-2-deoxy-D-talopyranose*, MA00718 on page 16**N-Acetyl-L-talosaminuronic acid**[90319-06-5] C<sub>8</sub>H<sub>13</sub>NO<sub>7</sub> 235.19

MA63240

Price On Application

**(8S-cis)-8-Acetyl-7,8,9,10-tetrahydro-1,6,8,11-tetrahydroxy-10-[[2,3,6-trideoxy-3-[(trifluoroacetyl)amino]-a-L-lyxo-hexopyranosyl]oxy]-5,12-naphthacenedione**see *N-(Trifluoroacetyl)-1-desmethyl daunorubicin*, MT28445 on page 589**(8S,10S)-8-acetyl-7,8,9,10-tetrahydro-1,6,8,11-tetrahydroxy-10-[[2,3,6-trideoxy-3-[(trifluoroacetyl)amino]-a-L-lyxo-hexopyranosyl]oxy]-5,12-naphthacenedione**see *N-(Trifluoroacetyl)-1-desmethyl daunorubicin*, MT28445 on page 589

## Acetyltetra

## 2-Acetyl-4-tetrahydroxybutyl imidazole

- 1-[5-[(1R,2S,3R)-1,2,3,4-Tetrahydroxybutyl]-1H-imidazol-2-yl]-ethanone
- 2-ATHBI

[94944-70-4] C<sub>9</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 230.22

MA61366	10mg	\$390.00
	25mg	\$625.00
	50mg	\$900.00



## 2-[[2-(Acetylthio)acetyl]amino]-2-deoxy-D-galactopyranose, 1,3,4,6-tetraacetate

see 1,3,4,6-Tetra-O-acetyl-2-[[2-(acetylthio)acetyl]amino]-2-deoxy-D-galactopyranose, MT145185 on page 513

## 2-N-(S'-Acetyl-2'-thioacetyl)-2-deoxy-D-glucamine

C<sub>10</sub>H<sub>17</sub>NO<sub>7</sub>S 295.31

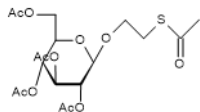
MA59823	50mg	\$250.00
	100mg	\$400.00
	250mg	\$750.00



## 2-(Acetylthio)ethyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside

[34044-34-3] C<sub>18</sub>H<sub>26</sub>O<sub>11</sub>S 450.46

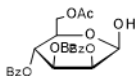
MA04464	5mg	\$89.30
	10mg	\$168.00
	25mg	\$262.50



## 6-O-Acetyl-2,3,4-tri-O-benzoyl-b-D-mannopyranose

C<sub>29</sub>H<sub>26</sub>O<sub>10</sub> 534.51

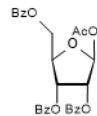
MA06183	1mg	\$89.30
	2mg	\$168.00
	5mg	\$315.00



## 1-O-Acetyl-2,3,5-tri-O-benzoyl-b-D-ribofuranose

[6974-32-9] C<sub>28</sub>H<sub>24</sub>O<sub>9</sub> 504.48

MA05942	50g	\$60.00
	100g	\$95.00
	250g	\$165.00



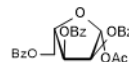
Refs: deOliveira MRP, Torres JC, Garden SJ, et al, Nucleosides Nucleotides & Nucleic Acids 2002, 21, 11-12, p825

## 1-O-Acetyl-2,3,5-tri-O-benzoyl-b-L-ribofuranose

- b-L-Ribofuranose 1-acetate 2,3,5-tribenzoate

[3080-30-6] C<sub>28</sub>H<sub>24</sub>O<sub>9</sub> 504.48

MA04233	5g	\$140.00
	10g	\$199.50
	25g	\$394.00



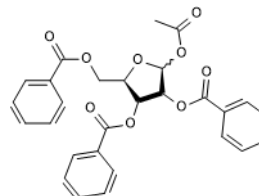
Refs: Sivets GG, Klennitskaya TV, Zhermosek EV, et al, Synthesis 2002, p253; Chu CK, Ma T, Shanmuganathan K, et al, Antimicrob. Agents Chemother. 1995, 39, 4 p979

## 1-O-Acetyl-2,3,5-tri-O-benzoyl-D-ribofuranose

- D-Ribofuranose 1-acetate 2,3,5-tribenzoate

[14215-97-5] C<sub>28</sub>H<sub>24</sub>O<sub>9</sub> 504.48

MA16575	25g	\$50.00
	50g	\$90.00
	100g	\$125.00

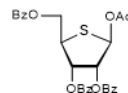


Refs: Shappell, S, et al, J. Immunol, 144, 2702

## 1-O-Acetyl-2,3,5-tri-O-benzoyl-4-thio-b-D-ribofuranose

[1015447-26-3] C<sub>28</sub>H<sub>24</sub>O<sub>8</sub>S 520.55

MA32504	100mg	\$1250.00
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**2-O-Acetyl-3,4,6-tri-O-benzyl- $\alpha$ -D-glucopyranosyl trichloroacetimidate**

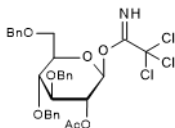
MA44341

Price On Application

**2-O-Acetyl-3,4,6-tri-O-benzyl- $\beta$ -D-glucopyranosyl trichloroacetimidate**C<sub>31</sub>H<sub>32</sub>Cl<sub>3</sub>NO<sub>7</sub> 636.95

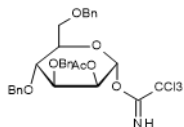
MA02483

100mg	\$90.00
250mg	\$172.50
500mg	\$315.00

**2-O-Acetyl-3,4,6-tri-O-benzyl- $\alpha$ -D-mannopyranosyl trichloroacetimidate**[108869-64-3] C<sub>31</sub>H<sub>32</sub>Cl<sub>3</sub>NO<sub>7</sub> 636.95

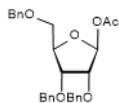
MA10111

250mg	\$262.50
500mg	\$420.00
1g	\$630.00

**1-O-Acetyl-2,3,5-tri-O-benzyl- $\beta$ -D-ribofuranose**[91110-24-6] C<sub>28</sub>H<sub>30</sub>O<sub>6</sub> 462.53

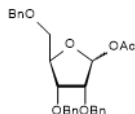
MA00840

100mg	\$90.00
250mg	\$172.50
500mg	\$265.00

Refs: Xu M, i Miao Z, Bernet B, et al, *Helv. Chim. Acta* 88, 11, p2918**1-O-Acetyl-2,3,5-tri-O-benzyl-D-ribofuranose**[58381-23-0] C<sub>28</sub>H<sub>30</sub>O<sub>6</sub> 462.53

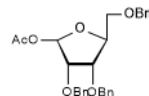
MA05708

100mg	\$90.00
250mg	\$172.50
500mg	\$265.00

Refs: Wu Q, Smons C, *Synthesis* 2004, p1533**1-O-Acetyl-2,3,5-tri-O-benzyl-L-ribofuranose**C<sub>28</sub>H<sub>30</sub>O<sub>6</sub> 462.53

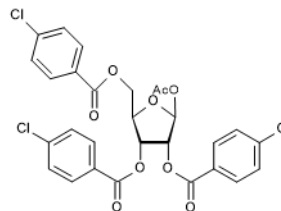
MA02826

Price On Application

Refs: Tatsuta K, *Carbohydr. Mimetics*, 2005, p283**1-O-Acetyl-2,3,5-tri-O-p-chlorobenzoyl- $\beta$ -D-ribofuranose**[144084-01-5] C<sub>28</sub>H<sub>21</sub>Cl<sub>3</sub>O<sub>9</sub> 607.82

MA04466

100mg	\$95.00
250mg	\$175.00
500mg	\$325.00

Refs: Moss R, et al, *J. Med. Chem.* 1988, 31, p786**N-Acetyl-3,4,6-tri-O-methyl-D-glucosamine**see *2-Acetamido-2-deoxy-3,4,6-tri-O-methyl-D-glucose*, MA153449 on page 17**N-Acetyl-D-[UL-13C6,15N]glucosamine**

MA15631

Price On Application

**N-Acetyl-D-[UL-13C6]glucosamine**• *2-Acetamido-2-deoxy-D-[UL-13C6]glucose*[478518-83-1] <sup>13</sup>C<sub>6</sub>C<sub>2</sub>H<sub>15</sub>NO<sub>6</sub> 2875.7

MA44797

50mg	\$650.00
100mg	\$1100.00



## Acetylxylopy

(3b,6a,16b, 20R,24S)-3-[(2-O-Acetyl-b-D-xylopyranosyl)oxy]-20,24-Epoxy-16,25-dihydroxy-9,19-cyclolanostan-6-yl b-D-glucopyranoside

see *Astragaloside II*, MA09407 on page 86

## N-Acetyl-L-xylosamine

• 2-Acetamido-2-deoxy-L-xylose

C<sub>7</sub>H<sub>13</sub>NO<sub>5</sub> 191.18

MA16156

1mg	\$150.00
2mg	\$250.00
5mg	\$475.00



## N-Ac-Mur-Ala-D-Glu-NH2

see *N-Acetylmuramyl-L-alanyl-D-isoglutamine hydrate*, MA58738 on page 39

## Acosamine

see *4-Epi-daunosamine*, ME44772 on page 235

## L-Acosamine hydrochloride

see *3-Amino-2,3,6-trideoxy-L-arabino-hexose hydrochloride*, MA17204 on page 67

## E210-acyl-b-D-glucuronide

see *Benzoic acid-acyl-b-D-glucuronide*, MB44738 on page 96

## N-(5-Adamantane-1-yl-methoxy-pentyl)-deoxynojirimycin

see *AMP-Deoxynojirimycin - Solution in ethanol*, MA31098 on page 68

## N-(5-Adamant-1-yl methoxy)pentyl deoxynojirimycin

[216758-20-2] C<sub>22</sub>H<sub>39</sub>NO<sub>5</sub> 397.55

MA05137

Price On Application



## Adenophorine

MA44496

Price On Application



## Adenosine diphospho-4-deoxy-a-D-glucose

see *ADP-4-deoxy-D-glucose*, MA03842 on page 44

## Adenosine 5'-diphosphoglucose disodium salt

see *ADP-D-glucose disodium salt*, MA10333 on page 45

## AdNJ

see *2-Acetamido-1,2-dideoxynojirimycin*, MA00005 on page 18

## Adonitol

see *Ribitol*, MR01271 on page 495

## D-Adonose

see *D-Ribulose - Aqueous solution*, MR03858 on page 498

## L-Adonose

see *L-Ribulose*, MR03777 on page 498

## ADP-4-deoxy-D-glucose

• Adenosine diphospho-4-deoxy-a-D-glucose

MA03842

Price On Application



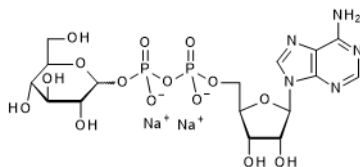
**ADP-D-glucose disodium salt**

• Adenosine 5'-diphosphoglucose disodium salt

[102129-65-7] C<sub>18</sub>H<sub>23</sub>N<sub>5</sub>O<sub>15</sub>P<sub>2</sub>·2Na 633.31

MA10333

5mg	\$65.00
10mg	\$100.00
25mg	\$220.00

**ADP-D-glycero-b-D-manno-heptose**

MA61708

Price On Application

**ADP-L-glycero-b-D-manno-heptose**

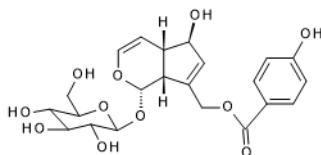
MA61709

Price On Application

**Agnuside**[11027-63-7] C<sub>22</sub>H<sub>26</sub>O<sub>11</sub> 466.44

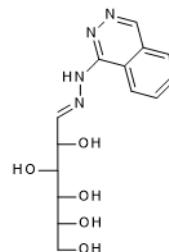
MA08289

50mg	\$100.00
100mg	\$175.00
250mg	\$275.00

**Aldehyde-D-glucose phthalazin-1-yl hydrazone**C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>5</sub> 322.32

MA07176

2mg	\$89.30
5mg	\$168.00
10mg	\$262.50

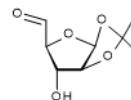


Refs: Jacques R, et.al, Helv. Physio. Pharmacol. Acta, 1965, 23, p54

**5-Aldo-1,2-O-isopropylidene-b-D-arabinofuranose**[867266-31-7] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 188.18

MA09863

5mg	\$57.80
10mg	\$105.00
25mg	\$184.00

**5-Aldo-1,2-O-isopropylidene-a-D-xylofuranose**[53167-11-6] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 188.18

MA138990

25mg	\$75.00
50mg	\$105.00
100mg	\$195.00

**5-aldo-1,2-O-isopropylidene-D-xylo-pentofuranose dimer**see *Bis-(5-aldo-1,2-O-isopropylidene-D-xylo-pentofuranose) 5,5':3',5'-Cyclic acetal*, MB05729 on page 121**5-Alkynyl-L-fucose**

• L-Altro-6,7-dideoxy-hept-6-ynose

[1193251-61-4] C<sub>7</sub>H<sub>10</sub>O<sub>5</sub> 174.15

MA45977

1mg	\$210.00
2mg	\$320.00
5mg	\$500.00



## Allitol

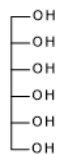
## Allitol

• Allodulcitol

[488-44-8] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

MA06613

50mg	\$65.00
100mg	\$110.00
250mg	\$225.00



Refs: Beilstein 1(4)2839

## Allodulcitol

see *Allitol*, MA06613 on page 46

## D-Allonic acid gamma-lactone

see *D-Allono-1,4-lactone*, MA28845 on page 46

## D-Allono-1,4-lactone

• D-Allonic acid gamma-lactone

[29474-78-0] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MA28845

10mg	\$63.00
25mg	\$105.00
50mg	\$157.50



## L-Allono-1,4-lactone

[78184-43-7] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MA28846

10mg	\$85.00
25mg	\$160.00
50mg	\$265.00

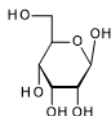


## b-D-Allopyranose

[7283-09-2] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MA02829

1g	\$50.00
2g	\$80.00
5g	\$150.00



Refs: Shashkov A, Russ. Chem. Bull. 1983, 32, 6, p1200

## 4-b-D-Allopyranosyloxy)benzaldehyde

see *4-Formylphenyl b-D-allopyranoside*, MF07020 on page 263

## D-Allosamine HCl

see *2-Amino-2-deoxy-D-allose hydrochloride*, MA32650 on page 56

## Allosamizoline

C<sub>9</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub> 216.23

MA34920

Price On Application

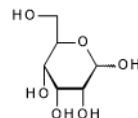


## D-Allose

[2595-97-3] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MA04055

1g	\$60.00
2g	\$100.00
5g	\$190.00



Refs: Martin ET, Carbohydr. Res. 26, 2, p287; Beil. 1, IV, 4299

## D-Allose-1,2,3,4,5,6-13C6

• D-Allose-UL-13C6

13C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 2342.03

MA46589

Price On Application

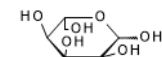


## L-Allose

[7635-11-2] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MA00237

25mg	\$42.00
50mg	\$73.50
100mg	\$126.00

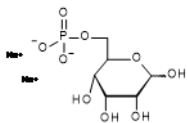


Refs: Beil. 1, IV, 4300

**D-Allose-6-phosphate disodium salt hydrate**[82259-50-5] C<sub>8</sub>H<sub>11</sub>O<sub>9</sub>PNa<sub>2</sub> 304.1

MA03836

1mg	\$55.00
2mg	\$90.00
5mg	\$150.00

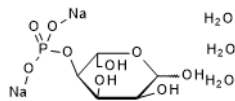


Refs: Strom T, Ferenci T, Quayle JR, Biochem J. 1974, 144, p465

**L-Allose-6-phosphate disodium salt hydrate**C<sub>8</sub>H<sub>13</sub>O<sub>9</sub>P·Na<sub>2</sub>·3H<sub>2</sub>O 358.15

MA07934

Price On Application

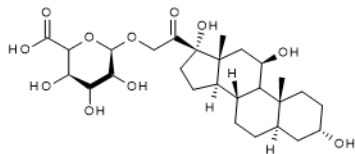
**D-Allose-UL-13C6**see *D-Allose-1,2,3,4,5,6-13C6*, MA46589 on page 46**Allo-3a-tetrahydro cortisol 21-O-b-D-glucuronide**

- (3a,5a,11b)-3,11,17-Trihydroxy-20-oxopregnan-21-yl b-D-glucopyranosiduronic acid
- allo-tetrahydrocortisol 21-glucuronide

[131061-62-6] C<sub>27</sub>H<sub>42</sub>O<sub>11</sub> 542.62

MA16588

1mg	\$435.60
2mg	\$653.40
5mg	\$1306.70



Refs: Ikegawa, S. et al, Anal. Chem, 81, 10124 (2009)

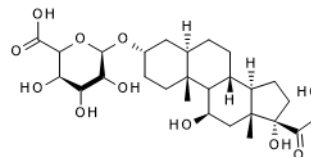
**Allo-3a-tetrahydro cortisol 3-O-b-D-glucuronide**

- (3a,5a,11b)-11,17,21-trihydroxy-20-oxopregnan-3-yl b-D-glucopyranosiduronic acid
- 5a-Tetrahydrocortisol-3-monoglucuronide
- Allotetrahydrocortisol 3-glucuronide

[30954-21-3] C<sub>27</sub>H<sub>42</sub>O<sub>11</sub> 542.62

MA16589

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10

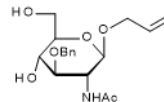


Refs: Ikegawa, S. et al, Anal. Chem, 81, 10124 (2009); Kornel, L. et al, J. Steroid. Biochem, 13, 751 (1980); Kornel, L. et al, J. Steroid Biochem, 6, 1267 (1975)

**allo-tetrahydrocortisol 21-glucuronide**see *Allo-3a-tetrahydro cortisol 21-O-b-D-glucuronide*, MA16588 on page 47**Allotetrahydrocortisol 3-glucuronide**see *Allo-3a-tetrahydro cortisol 3-O-b-D-glucuronide*, MA16589 on page 47**all-trans-Retinyl b-glucuronide**see *E-Retinyl b-glucuronide*, MR146410 on page 492**Allyl 2-acetamido-3-O-benzyl-2-deoxy-b-D-glucopyranose**[65730-00-9] C<sub>18</sub>H<sub>25</sub>NO<sub>6</sub> 351.4

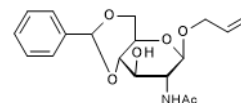
MA09590

25mg	\$210.00
50mg	\$367.50
100mg	\$630.00

**Allyl 2-acetamido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside**[65947-37-7] C<sub>18</sub>H<sub>23</sub>NO<sub>6</sub> 349.39

MA09593

5mg	\$94.50
10mg	\$157.50
25mg	\$262.50

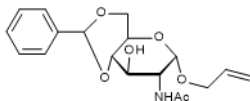


## Allylacetami

## Allyl 2-acetamido-4,6,-O-benzylidene-2-deoxy-a-D-glucopyranoside

[63064-49-3] C<sub>18</sub>H<sub>23</sub>NO<sub>6</sub> 349.39

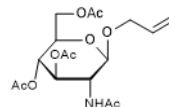
MA09591

50mg \$115.50  
100mg \$210.00  
250mg \$460.00

## Allyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside

[28738-44-5] C<sub>17</sub>H<sub>25</sub>NO<sub>9</sub> 387.39

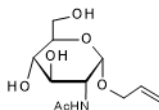
MA08997

50mg \$157.50  
100mg \$263.00  
250mg \$415.00

## Allyl 2-acetamido-2-deoxy-a-D-glucopyranoside

[54400-75-8] C<sub>11</sub>H<sub>19</sub>NO<sub>6</sub> 261.27

MA04808

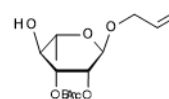
1g \$50.00  
2g \$90.00  
5g \$200.00

## Allyl 2-O-acetyl-3-O-benzyl-a-L-rhamnopyranoside

[940274-20-4] C<sub>18</sub>H<sub>24</sub>O<sub>6</sub> 336.39

MA07953

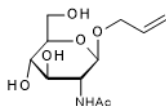
Price On Application



## Allyl 2-acetamido-2-deoxy-b-D-glucopyranoside

[54400-77-0] C<sub>11</sub>H<sub>19</sub>NO<sub>6</sub> 261.27

MA03190

500mg \$40.00  
1g \$52.50  
2g \$80.00

## Allyl 2,3-anhydro-4,6-O-benzylidene-a-L-mannopyranoside

C<sub>18</sub>H<sub>18</sub>O<sub>5</sub> 290.31

MA45470

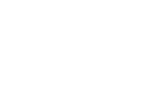
Price On Application



## Allyl 2-acetamido-3,4-di-O-acetyl-6-azido-2-deoxy-D-galactopyranoside

MA46904

Price On Application

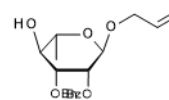


## Allyl 2-O-benzoyl-3-O-benzyl-a-L-rhamnopyranoside

[940274-21-5] C<sub>23</sub>H<sub>26</sub>O<sub>6</sub> 398.46

MA07951

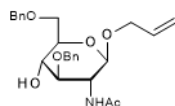
Price On Application



## Allyl 2-acetamido-3,6-di-O-benzyl-2-deoxy-b-D-glucopyranoside

[65730-02-1] C<sub>25</sub>H<sub>31</sub>NO<sub>6</sub> 441.53

MA09592

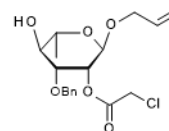
10mg \$262.50  
25mg \$525.00  
50mg \$840.00

## Allyl 3-O-benzyl-2-O-chloroacetyl-a-L-rhamnopyranoside

[943307-50-4] C<sub>18</sub>H<sub>23</sub>ClO<sub>6</sub> 370.83

MA07950

Price On Application





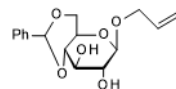
**Allyl 6-O-benzyl 2-deoxy-3-O-((R)-1'-ethoxycarbonyl ethyl)-2-(2,2,2-trichloroethoxycarbonylamino)-a-D-glucopyranoside**

MA44914

Price On Application

**Allyl 4,6-O-benzylidene-b-D-glucopyranoside**[84276-56-2] C<sub>16</sub>H<sub>20</sub>O<sub>6</sub> 308.33

MA02905

1g \$450.00  
2g \$800.00  
5g \$1125.00**Allyl 4-O-benzyl-2,3-di-O-levulinyl-a-L-rhamnopyranoside**

MA137381

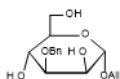
Price On Application

**Allyl 4,6-O-benzylidene-b-L-glucopyranoside**C<sub>16</sub>H<sub>20</sub>O<sub>6</sub> 308.33

MA45752

1g \$825.00  
2g \$1500.00  
5g \$2225.00**Allyl 3-O-benzyl-a-D-glucopyranoside**C<sub>16</sub>H<sub>22</sub>O<sub>6</sub> 310.34

MA10910

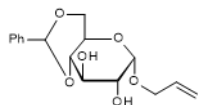
5mg \$94.50  
10mg \$168.00  
25mg \$315.00**Allyl 4,6-O-benzylidene-L-glucopyranoside**C<sub>16</sub>H<sub>20</sub>O<sub>6</sub> 308.33

MA45469

Price On Application

**Allyl 4,6-O-benzylidene-a-D-glucopyranoside**[20746-64-9] C<sub>16</sub>H<sub>20</sub>O<sub>6</sub> 308.33

MA02904

1g \$650.00  
2g \$900.00  
5g \$1375.00**(S)-3-((2R,3S,5S)-5-Allyl-3-(benzyloxy)-4-oxotetrahydrofuran-2-yl)propane-1,2-diyl dibenzoate**

[871348-04-8]

MA45374

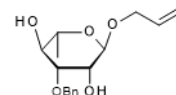
Price On Application

**Allyl 4,6-O-benzylidene-a-L-glucopyranoside**

MA46073

10g \$2000.00  
25g \$3750.00  
50g \$5500.00**Allyl 3-O-benzyl-a-L-rhamnopyranoside**[460745-20-4] C<sub>16</sub>H<sub>22</sub>O<sub>5</sub> 294.35

MA07949

250mg \$777.50  
500mg \$1170.00  
1g \$1749.30

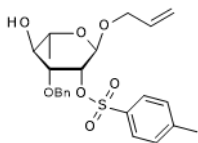
## Allylbenzylt

## Allyl 3-O-benzyl-2-O-p-toluenesulfonyl-a-L-rhamnopyranoside

[940274-22-6] C<sub>23</sub>H<sub>28</sub>O<sub>7</sub>S 448.54

Price On Application

MA07952



## Allyl 2-deoxy-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-b-D-glucopyranoside

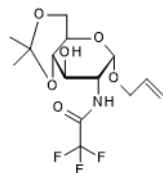
see Allyl 2-deoxy-2-phthalimido-b-D-glucopyranoside, MA10411 on page 50

## Allyl 2-deoxy-4,6-O-isopropylidene-2-(trifluoroacetamido)-a-D-glucopyranoside

[139629-59-7] C<sub>14</sub>H<sub>20</sub>F<sub>3</sub>NO<sub>6</sub> 355.31

MA04985

1g	\$945.00
2g	\$1680.00
5g	\$3412.50



Refs: Kim Y, Yang H, Park K, et al, Agric. Chem. Biotechnol. 2002, 45, p141

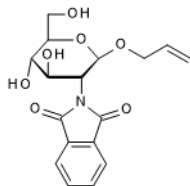
## Allyl 2-deoxy-2-phthalimido-b-D-glucopyranoside

• Allyl 2-deoxy-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-b-D-glucopyranoside

[114853-29-1] C<sub>17</sub>H<sub>19</sub>NO<sub>7</sub> 349.34

MA10411

100mg	\$210.00
250mg	\$472.50
500mg	\$735.00

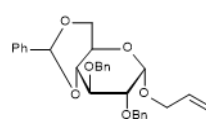


## Allyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-glucopyranoside

[20746-71-8] C<sub>30</sub>H<sub>32</sub>O<sub>6</sub> 488.57

Price On Application

MA02908

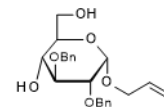


## Allyl 2,3-di-O-benzyl-a-D-glucopyranoside

[87326-32-7] C<sub>23</sub>H<sub>28</sub>O<sub>6</sub> 400.46

Price On Application

MA02906

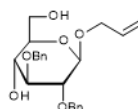


## Allyl 2,3-di-O-benzyl-b-D-glucopyranoside

[84218-68-8] C<sub>23</sub>H<sub>28</sub>O<sub>6</sub> 400.46

Price On Application

MA05435



## Allyl 3,4-di-O-benzyl-2-O-(2-naphthylmethyl)-a-D-galactopyranoside

MA63340 10g \$4500.00



## 4-O-Allyl-3,6-di-O-tert-butylidimethylsilyl-D-glucal

MA45838

Price On Application



**(3aR,5R,6S,6aR)-5-Allyl-2,2-dimethyltetrahydrofuro[2,3-d][1,3]dioxol-6-ol**

[546141-37-1]

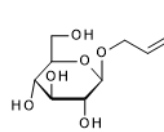
MA45377

25g	\$4375.00
50g	\$5750.00
100g	\$7900.00

**Allyl b-D-glucopyranoside**[34384-79-7] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MA06592

1g	\$50.00
2g	\$90.00
5g	\$200.00

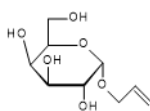


Refs: Demperio VL, J. Chromatogr. A 2002, 952, p283

**Allyl a-D-galactopyranoside**[48149-72-0] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MA04469

1g	\$75.00
2g	\$130.00
5g	\$240.00

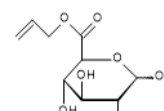


Refs: Hiruma K, et al, J. Am. Chem. Soc 1996, 118, p9265

**Allyl D-glucuronate**[188717-04-6][698358-03-1] C<sub>9</sub>H<sub>14</sub>O<sub>7</sub> 234.2

MA04470

50mg	\$75.00
100mg	\$125.00
250mg	\$250.00

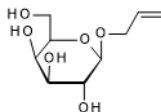


Refs: Juteau H, Gareau Y, Labelle M, Tetrahedron Lett. 1997, 38, 9, p1481

**Allyl b-D-galactopyranoside**[2595-07-5] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MA04242

1g	\$100.00
2g	\$180.00
5g	\$400.00

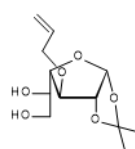


Refs: Stevenson DE, Furneaux RH, Carbohydr. Res. 1996, 284, p279

**3-O-Allyl-1,2-O-isopropylidene-a-D-galactofuranose**C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

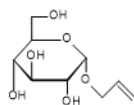
MA07629

500mg	\$50.00
1g	\$89.00
2g	\$150.00

**Allyl a-D-glucopyranoside**[7464-56-4] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MA02903

500mg	\$85.00
1g	\$150.00
2g	\$280.00

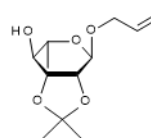


Refs: Rosenberg HJ, Riley AM, Correa V, et al, Carbohydr. Res. 2000, p7

**Allyl 2,3-O-isopropylidene-a-L-rhamnopyranoside**[71695-57-3] C<sub>12</sub>H<sub>20</sub>O<sub>5</sub> 244.29

MA07530

250mg	\$65.00
500mg	\$100.00
1g	\$150.00



## Allylmannopy

Allyl  $\alpha$ -D-mannopyranoside[41308-76-3] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MA30733

500mg	\$100.00
1g	\$168.00
2g	\$315.00

Allyl 2,3,4,6-tetra-O-acetyl- $\alpha$ -D-mannopyranoside[119111-31-8] C<sub>17</sub>H<sub>24</sub>O<sub>10</sub> 388.37

MA30734

1g	\$69.00
2g	\$122.00
5g	\$286.00

2-Allyloxycarbonylamino-1,6-anhydro-2-deoxy- $\beta$ -D-glucopyranose

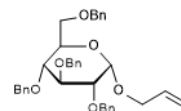
MA35451

Price On Application

Allyl 2,3,4,6-tetra-O-benzyl- $\alpha$ -D-glucopyranoside[6207-45-0] C<sub>37</sub>H<sub>40</sub>O<sub>6</sub> 580.71

MA08262

1g	\$367.50
2g	\$577.50
5g	\$1023.80



## 2-Allyloxycarbonylamino-2-deoxy-D-galactose

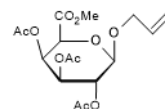
MA35453

Price On Application

Allyl 2,3,4-tri-O-acetyl- $\beta$ -D-galacturonide methyl ester[130506-36-4] C<sub>18</sub>H<sub>22</sub>O<sub>10</sub> 374.34

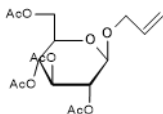
MA05420

250mg	\$92.50
500mg	\$160.00
1g	\$315.00

3-O-Allyl-1,2,4,6-tetra-O-acetyl- $\beta$ -D-glucopyranosesee 1,2,4,6-Tetra-O-acetyl-3-O-allyl- $\beta$ -D-glucopyranose, MT08385 on page 514Allyl-tetra-O-acetyl- $\beta$ -D-glucopyranosidesee Allyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-glucopyranoside, MA04991 on page 52Allyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-glucopyranoside• Allyl-tetra-O-acetyl- $\beta$ -D-glucopyranoside[10343-15-4] C<sub>17</sub>H<sub>24</sub>O<sub>10</sub> 388.37

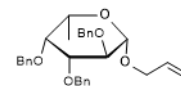
MA04991

1g	\$65.00
2g	\$90.00
5g	\$150.00

Allyl 2,3,4-tri-O-benzyl- $\beta$ -L-fucopyranosideC<sub>30</sub>H<sub>34</sub>O<sub>5</sub> 474.59

MA05421

250mg	\$262.50
500mg	\$420.00
1g	\$630.00

Allyl-2,3,4-tri-O-benzyl- $\alpha$ -D-galactopyranoside

MA44343

Price On Application



## Allyl 2,3,4-tri-O-benzyl a-D-galactopyranoside

MA63339	5g	\$975.00
	10g	\$1500.00
	25g	\$2375.00



## Allyl 2,3,4-tri-O-benzyl b-D-galactopyranoside

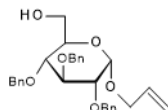
MA63319	Price On Application
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## Allyl 2,3,4-tri-O-benzyl-a-D-glucopyranoside

[78184-40-4] C<sub>30</sub>H<sub>34</sub>O<sub>6</sub> 490.59

MA06471	1g	\$189.00
	2g	\$315.00
	5g	\$630.00



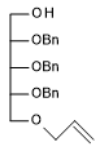
Refs: R. Madsen, Glycoscience: Chemistry & Chemical Biology 2001,p199. Springer Press



## 5-O-Allyl-2,3,4-tri-O-benzyl-D-ribose

[111549-97-4] C<sub>28</sub>H<sub>34</sub>O<sub>5</sub> 462.58

MA03947	1g	\$65.00
	2g	\$110.00
	5g	\$195.00



Refs: Qin H, Grindley TB, Can. J. Chem. 1999, 77, p481



## Aloeresin

• 8-b-D-Glucopyranosyl-7-hydroxy-5-methyl-2-(2-oxopropyl)-4H-1-benzopyran-4-one

[30861-27-9] C<sub>19</sub>H<sub>22</sub>O<sub>9</sub> 394.37

MA146489	Price On Application
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## Aloeresin A

[74545-79-2] C<sub>28</sub>H<sub>28</sub>O<sub>11</sub> 540.52

MA146490	Price On Application
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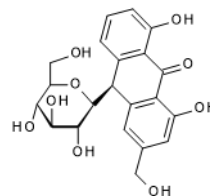


## Aloin - Mixture of Aloin A and Aloin B

• 1,8-Dihydroxy-10-(b-D-glucopyranosyl)-3-(hydroxymethyl)-9(10H)-anthracenone  
• Isobarbaloin

[1415-73-2][28371-16-6][8015-61-0] C<sub>21</sub>H<sub>22</sub>O<sub>9</sub> 418.39

MA05054	10g	\$95.00
	25g	\$150.00
	50g	\$250.00



Refs: J. Chem. Soc, 1956, p3141



## Aloin B

• Isobarbaloin

[28371-16-6] C<sub>21</sub>H<sub>22</sub>O<sub>9</sub> 418.39

MA76227	Price On Application
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## Aloin A

• Barbaloin  
• (10S)-1,8-Dihydroxy-3-(hydroxymethyl)-10-[(2S,3R,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]-10H-anthracen-9-one

[1415-73-2] C<sub>21</sub>H<sub>22</sub>O<sub>9</sub> 418.39

MA76226	100mg	\$50.00
	250mg	\$75.00
	500mg	\$125.00



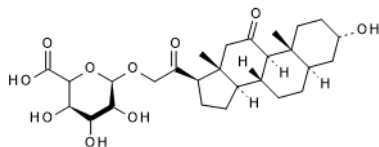
**Alphadoloneg****Alphadolone 21-b-D-glucuronide**

- (3a,5b)-3-Hydroxy-11,20-dioxopregnan-21-yl b-D-glucopyranosiduronic acid
- 3a-Hydroxy-11,20-dioxo-5b-pregnan-21-yl b-D-glucopyranosiduronic acid

[36707-55-8] C<sub>27</sub>H<sub>40</sub>O<sub>10</sub> 524.6

MA16591

1mg	\$450.00
2mg	\$850.00
5mg	\$1625.00



Refs: Carlson, G.L., et al, J. Steroid Biochem, 10, 161 (1979)

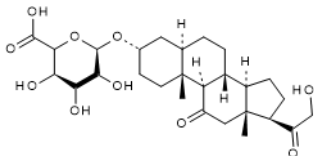
**Alphadolone 3-b-D-glucuronide**

- (3a,5a)-21-Hydroxy-11,20-dioxopregnan-3-yl b-D-glucopyranosiduronic Acid

[70522-56-4] C<sub>27</sub>H<sub>40</sub>O<sub>10</sub> 524.6

MA16592

1mg	\$325.00
2mg	\$580.00
5mg	\$1150.00

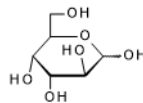


Refs: Carlson, G.L., et al, J. Steroid Biochem, 10, 161 (1979)

**Alpizarine**see *Mangiferin* - 90%, *MT08923* on page 354**D-Altritol**see *D-Talitol*, *MT00743* on page 511**L-Altro-6,7-dideoxy-hept-6-ynose**see *5-Alkynyl-L-fucose*, *MA45977* on page 45**D-altro-2-Heptulose**see *D-Sedoheptulose*, *MS139006* on page 501**D-altro-Heptulose 7-phosphate lithium salt**see *D-Sedoheptulose 7-phosphate lithium salt*, *MS139007* on page 502**D-Altrose**[1990-29-0] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MA06614

250mg	\$80.00
500mg	\$135.00
1g	\$205.00

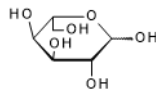


Refs: Richtmeyer RK, Hann RM, Hudson CS, J. Am. Chem. Soc. 1939, 61, p343; Beil. 1, IV, 4300

**L-Altrose**[1949-88-8] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MA00245

25mg	\$56.25
50mg	\$100.00
100mg	\$175.00

**R,S-Ambrisentan-acyl-b-D-glucuronide**[1106685-82-8] C<sub>28</sub>H<sub>30</sub>N<sub>2</sub>O<sub>10</sub> 554.55

MA44736

Price On Application

**Ameliasoside**see *4-Acetylphenyl-b-D-glucopyranoside*, *MA04949* on page 40**9-Amino-N-acetylneuraminic acid**

[112037-47-5]

MA137563

2g	\$1190.00
5g	\$2350.00
10g	\$4250.00



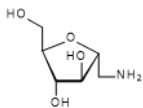
(2S)-2-Amino-6-((6R,7S)-2-(((S)-4-amino-4-carboxybutyl)amino)-6,7-dihydroxy-6,7,8,8a-tetrahydroimidazo[4,5-b]azepin-4(5H)-yl)hexanoic acid

see *Glucosepane*, *MG63572* on page 298

**1-Amino-2,5-anhydro-1-deoxy-D-mannitol**[228862-97-3] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MA04471

1mg	\$42.00
2mg	\$63.00
5mg	\$131.30



Refs: Claustre S, et al, Carbohydr. Res. 1999, 315, p339-344; Tyms AS, et al, Lancet 1987 1025; Spearman MA, et al, Expt. Cell Res. 1987, 168, p116; Horii S, et al, J. Med. Chem. 1986, 29, p1038; Fleet GW, et al, J. Chem. Brit. 1989, p287

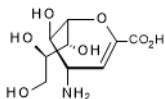
**4-Amino-2,6-anhydro-3,4-dideoxy-D-glycero-D-galacto-non-2-enoic acid**

• 4-amino-Kdn2en

[263155-12-0] C<sub>9</sub>H<sub>15</sub>NO<sub>7</sub> 249.22

MA05138

500ug	\$135.00
1mg	\$178.50
2mg	\$273.00

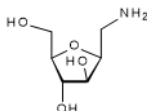


Refs: Sun XL, et al, Carbohydr. Res. 2000, 1, p323

**1-Amino-2,5-anhydro-D-glucitol**C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MA08998

Price On Application

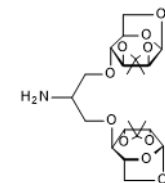
**2-Amino-1,3-bis(1,6-anhydro-2,3-O-isopropylidene-b-D-mannopyranose-4-O-yl)-propane**

• 1,3-Bis-(1,6-anhydro-2,3-O-isopropylidene-b-D-mannopyranose-4-yloxy)-2-propylamine

[95245-29-7] C<sub>21</sub>H<sub>33</sub>NO<sub>10</sub> 459.49

MA04494

5mg	\$89.30
10mg	\$173.30
25mg	\$315.00

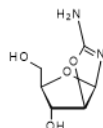


Refs: Holman GD, et al, Carbohydrate Res, 1985, 135, p337

**2-Amino-b-D-arabinofurano[1,2;4,5]oxazoline**[27963-98-0] C<sub>6</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub> 174.15

MA05416

500mg	\$195.00
1g	\$315.00
2g	\$525.00

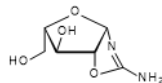


Refs: Wierenga W, Woltersom JA, J. Org. Chem. 1978, 43, 4, p529

**2-Amino-b-L-arabinofurano[1,2;4,5]oxazoline**[35939-60-7] C<sub>6</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub> 174.15

MA06535

1g	\$315.00
2g	\$590.00
5g	\$1350.00

**1-Amino-2,4-O-benzylidene-D-butane-2,3,4-triol**

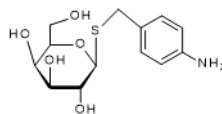
MA46626

Price On Application

**4-Aminobenzyl b-D-thiogalactopyranoside**[35785-20-7] C<sub>13</sub>H<sub>19</sub>NO<sub>5</sub>S 301.36

MA01942

50mg	\$89.50
100mg	\$168.00
250mg	\$262.50



Refs: Gutshall K, Wang K, Brenchley JE, J. Bacteriol. 1997, 179, 9, p3064

**1-Amino-D-butane-2,3,4-triol**

MA46628

Price On Application



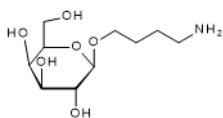
## Aminobutylga

## 4-Aminobutyl b-D-galactopyranoside

[905828-72-0] C<sub>10</sub>H<sub>21</sub>NO<sub>6</sub> 251.28

MA44856

100mg	\$75.00
250mg	\$125.00
500mg	\$195.00

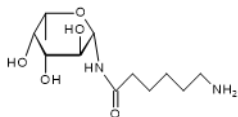


## N-(e-Aminocaproyl)-b-L-fucopyranosyl amine

[35978-97-3] C<sub>12</sub>H<sub>24</sub>N<sub>2</sub>O<sub>5</sub> 276.33

MA04473

2mg	\$110.30
5mg	\$199.50
10mg	\$288.80



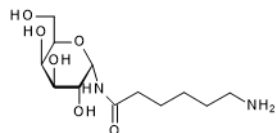
Refs: Biochem. Biophys. Acta 1972, 264 (1), p171

## N-(e-Aminocaproyl)-a-D-galactopyranosyl amine

C<sub>12</sub>H<sub>24</sub>N<sub>2</sub>O<sub>6</sub> 292.33

MA08221

10mg	\$50.00
50mg	\$200.00
100mg	\$300.00



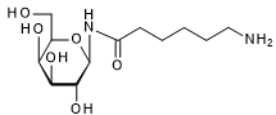
## N-(e-Aminocaproyl)-b-D-galactopyranosyl amine

• 6-Amino-N-b-D-galactopyranosyl hexanamide

[38822-56-9] C<sub>12</sub>H<sub>24</sub>N<sub>2</sub>O<sub>6</sub> 292.33

MA04472

2mg	\$120.00
5mg	\$175.00
10mg	\$300.00



Refs: Indian J. Biochem. Biophys. 1985, 22 (4), p244; Chem. Pharm. Bull. 1982, 30 (5), p1753

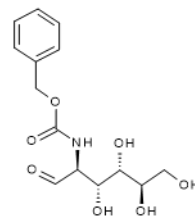
## 2-Amino-2-N-carbobenzoxy-2-deoxy-D-mannose

• N-Carbobenzyloxymannosamine

[137157-50-7] C<sub>14</sub>H<sub>19</sub>NO<sub>7</sub> 313.3

MA04690

100mg	\$158.00
250mg	\$262.50
500mg	\$475.00



## 3-[7-(Aminocarbonyl)-2,3-dihydro-5-[(2R)-2-[[2-[2-(2,2,2-trifluoroethoxy)phenoxy]ethyl]amino]propyl]-1H-indol-1-yl]propyl b-D-glucopyranosiduronic acid monosodium salt

see *Silodosin b-D-glucuronide sodium salt, MS14905* on page 503

## (1R,3S)-3-Aminocyclopentanemethanol

[117957-62-7] C<sub>6</sub>H<sub>13</sub>NO 115.17

MA146142

Price On Application



## 6-Amino-6-deoxy-D-allopyranose hydrochloride

[24384-96-1] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MA153403

Price On Application



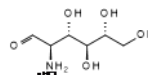
## 2-Amino-2-deoxy-D-allose hydrochloride

• D-Allosamine HCl

[2861-47-4] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MA32650

Price On Application

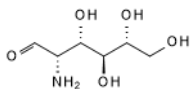




**2-Amino-2-deoxy-D-altrose**[14307-09-6] C<sub>8</sub>H<sub>13</sub>NO<sub>5</sub> 179.17

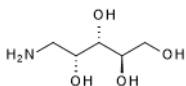
MA32651

Price On Application

**1-Amino-1-deoxy-D-arabinitol**[69686-08-4] C<sub>5</sub>H<sub>13</sub>NO<sub>4</sub> 151.16

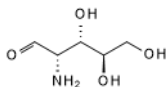
MA00552

Price On Application

**5-Amino-5-deoxy-D-arabinitol.HBr**see *1-Amino-1-deoxy-D-lyxitol hydrobromide, MA02045 on page 61***2-Amino-2-deoxy-D-arabinose**[52919-00-3] C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub> 149.15

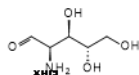
MA32647

1g \$5450.00

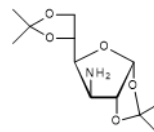
**2-Amino-2-deoxy-L-arabinose hydrochloride**[65982-16-3] C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub>·HCl 185.61

MA32648

1g \$5450.00

**3-Amino-3-deoxy-1,2:5,6-di-O-isopropylidene-a-D-glucofuranose**[24384-84-7] C<sub>12</sub>H<sub>21</sub>NO<sub>5</sub> 259.3

MA04474

25mg \$89.50  
50mg \$168.00  
100mg \$263.00**2-Amino-2-deoxy-3,4-di-O-methyl-D-glucose**

• 3,4-Di-O-methyl-D-glucosamine

[25521-10-2] C<sub>8</sub>H<sub>17</sub>NO<sub>5</sub> 207.22

MA153450

Price On Application

**2-Amino-2-deoxy-3,6-di-O-methyl-D-glucose**

• 3,6-Di-O-methyl-D-glucosamine

[25521-11-3] C<sub>8</sub>H<sub>17</sub>NO<sub>5</sub> 207.22

MA153451

Price On Application

**6-Amino-6-deoxy-D-mannopyranose hydrochloride**

• 6-Amino-6-deoxy-D-mannose.HCl

[20744-44-9][18439-59-3] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MA153402

Price On Application

**6-Amino-6-deoxy-D-mannose.HCl**see *6-Amino-6-deoxy-D-mannopyranose hydrochloride, MA153402 on page 57*

## Aminodeoxyer

## 4-Amino-7-(2-deoxy-b-D-erythro-pentofuranosyl)-1,7-dihydro-2H-pyrrolo[2,3-d]pyrimidin-2-one

see 4-Amino-7-(2-deoxy-b-D-ribofuranosyl)-1,7-dihydro-2H-pyrrolo[2,3-d]pyrimidin-2-one, MA145597 on page 62

## 3-Amino-3-deoxy-b-D-fructofuranose

[402856-08-0] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub> 179.17

MA03773

Price On Application



## 4-Amino-4-deoxy-fructose

MA03775

Price On Application



## 6-Amino-6-deoxy-D-fructose

[676346-39-7]

MA03772

Price On Application

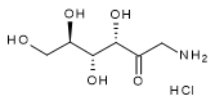


## 1-Amino-1-deoxy-D-fructose hydrochloride

C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MA10674

500mg	\$85.00
1g	\$150.00
2g	\$260.00



## 2-Amino-2-deoxy-D-fucose

[6931-59-5]

MA00096

Price On Application



Refs: Sadvovskaya I, Brisson J-R, Thibault P, Richards JC, Lam JS, Altman E, Eur. J. Biochem. 2000, 267, p1640

## 2-Amino-2-deoxy-D-fucose

- D-Fucosamine
- 2-Amino-2,6-dideoxy-D-galactose

[24724-90-1] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MA157019

Price On Application



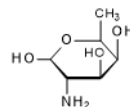
## 2-Amino-2-deoxy-L-fucose

- 2-Amino-2,6-dideoxy-L-galactose
- L-Fucosamine

[7577-62-0] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MA05317

Price On Application



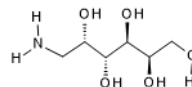
Refs: Knirel YA, Kocharova NA, Bystrova OV, Arch. Immunol. Ther. Exp, 2002, 50 p379; Hanaya T, Yamamoto H, Kawamoto H, Armour MA, BULLETIN-CHEMICAL SOCIETY OF JAPAN, 1992, 65, 11, p2922

## 1-Amino-1-deoxy-D-galactitol hydrochloride

[488-42-6] C<sub>6</sub>H<sub>15</sub>NO<sub>5</sub>·HCl 217.65

MA00240

5mg	\$52.50
10mg	\$99.80
25mg	\$157.50



## 2-Amino-2-deoxy-D-galactopyranose

see D-Galactosamine HCl, MG05030 on page 274

**5-Amino-5-deoxy-D-galactopyranose**see *Galactostatin*, MG06114 on page 277**5-Amino-5-deoxy-D-galactopyranose**see *Galactostatin bisulfite*, MG07421 on page 277**6-Amino-6-deoxy-D-galactopyranose HCl**[143564-18-5] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MA64862

Price On Application

**2-Amino-2-deoxy-D-galactopyranose hydrochloride**see *D-Galactosamine HCl - Synthetic origin*, MG158512 on page 274**5'-O-(2-Amino-2-deoxy-D-galactopyranosyl)-uridine**C<sub>15</sub>H<sub>23</sub>N<sub>3</sub>O<sub>10</sub> 405.36

MA63099

Price On Application

**1-Amino-1-deoxy-b-D-galactose**see *b-D-Galactopyranosyl amine*, MG04382 on page 273**1-Amino-1-deoxy-D-glucitol**see *D-Glucamine*, MG06629 on page 284**2-Amino-2-deoxy-glucitol**[2351-14-6] C<sub>6</sub>H<sub>15</sub>NO<sub>5</sub> 181.19

MA137341

Price On Application

**1-Amino-1-deoxy-D-glucitol hydrochloride**

[104833-43-4]

MA00241

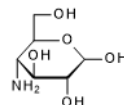
Price On Application

**2-Amino-2-deoxy-D-gluconic acid**see *D-Glucosaminic acid*, MG06706 on page 295**4-Amino-4-deoxy-D-glucopyranose**[802318-58-7] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub> 179.17

MA58367

1mg

\$135.00

**5-Amino-5-deoxyglucopyranose bisulfite**see *Nojirimycin 1-sulfonic acid*, MN45270 on page 442**9-Amino-6-deoxy-D-glucopyranose HCl**see *6-Amino-6-deoxy-D-glucose hydrochloride*, MA02572 on page 60**5'-O-(2-Amino-2-deoxy-D-glucopyranosyl) cytidine**[631842-23-4] C<sub>15</sub>H<sub>24</sub>N<sub>4</sub>O<sub>9</sub> 404.37

MA63098

Price On Application

**5'-O-(2-Amino-2-deoxy-D-glucopyranosyl)-thymidine**C<sub>16</sub>H<sub>25</sub>N<sub>3</sub>O<sub>9</sub> 403.38

MA63097

Price On Application



**Aminodeoxygl****5'-O-(2-Amino-2-deoxy-b-D-glucopyranosyl)-uridine**[631842-22-3] C<sub>15</sub>H<sub>23</sub>N<sub>3</sub>O<sub>10</sub> 405.36

MA63096

Price On Application

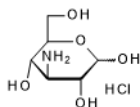
**1-Amino-1-deoxy-b-D-glucose**see *b-D-Glucopyranosyl amine*, MG06851 on page 289**2-Amino-2-deoxy-L-glucose**see *L-Glucosamine hydrochloride*, MG111975 on page 294**3-Amino-3-deoxy-D-glucose HCl**

• Kanosamine hydrochloride

[576-44-3] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MA05156

5mg	\$60.00
10mg	\$100.00
25mg	\$150.00

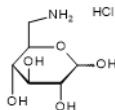
**2-Amino-2-deoxy-D-glucose HCl**see *D-Glucosamine HCl - non-animal origin*, MG05262 on page 293**6-Amino-6-deoxy-D-glucose hydrochloride**

• 9-Amino-6-deoxy-D-glucopyranose HCl

[55324-97-5][4460-60-0] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MA02572

10mg	\$120.00
25mg	\$190.00
50mg	\$350.00



Refs: Reist EJ, et al, J. Am. Chem. Soc. 1960, 82, p2025

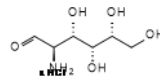
**2-Amino-2-deoxy-D-glucose sulphate**see *D-Glucosamine sulfate*, MG05263 on page 294**2-Amino-2-deoxy-D-gulose hydrochloride**

• D-Gulosamine HCl

[95245-33-3] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

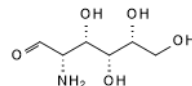
MA32646

Price On Application

**2-Amino-2-deoxy-D-idose**[579-32-8] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub> 179.17

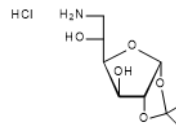
MA32652

Price On Application

**6-Amino-6-deoxy-1,2-O-isopropylidene-a-D-glucofuranose HCl**[24384-88-1][24384-87-0] C<sub>9</sub>H<sub>17</sub>NO<sub>5</sub>·HCl 255.7

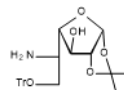
MA04736

100mg	\$500.00
250mg	\$950.00
500mg	\$1450.00

**5-Amino-5-deoxy-1,2-O-isopropylidene-6-O-trityl-a-D-galactofuranose**C<sub>18</sub>H<sub>31</sub>NO<sub>5</sub> 461.55

MA07201

2mg	\$89.30
5mg	\$173.30
10mg	\$315.00



**1-Amino-1-deoxy-D-lyxitol hydrobromide**

• 5-Amino-5-deoxy-D-arabinitol.HBr

[165173-04-6]

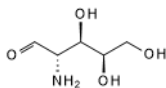
MA02045

Price On Application

**2-Amino-2-deoxy-D-lyxose**[83058-22-4] C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub> 149.15

MA32655

Price On Application

**2-Amino-2-deoxy-L-lyxose**see *L-Lyxosamine, ML16154 on page 352***1-Amino-1-deoxy-D-mannitol**

[57027-74-4]

MA04056

3g	\$2850.00
5g	\$4100.00
10g	\$7500.00

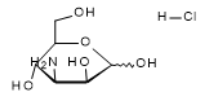
**3-Amino-3-deoxy-D-mannopyranose hydrochloride**see *3-Amino-3-deoxy-D-mannose HCl, MA04478 on page 61***5-Amino-5-deoxy-D-mannopyranose hydrogensulfite**see *D-Mannojirimycin hydrogensulfite, MM07239 on page 355***2-Amino-2-deoxy-D-mannose HCl**see *D-Mannosamine HCl, MM04214 on page 357***3-Amino-3-deoxy-D-mannose HCl**

• 3-Amino-3-deoxy-D-mannopyranose hydrochloride

[69880-85-9] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MA04478

50mg	\$89.50
100mg	\$137.00
250mg	\$315.00



Refs: Baer HH, Fischer HOL, J. Am. Chem. Soc. 1960, p3709

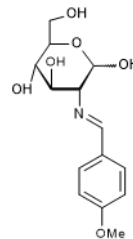
**2-Amino-2-deoxy-N-(4-methoxybenzylidene)-D-glucopyranose**

• N-(4-Methoxybenzylidene)-D-glucosamine

C<sub>14</sub>H<sub>19</sub>NO<sub>6</sub> 297.31

MA08176

Price On Application

**4-Amino-1-[2-deoxy-3-O-(4-methylbenzoyl)-b-D-erythro-pentofuranosyl]-1,3,5-triazin-2(1H)-one**see *3-O-Toluoyl decitabine, MT74841 on page 559***2-Amino-2-deoxy-3-O-methyl-D-glucopyranose**see *2-Amino-2-deoxy-3-O-methyl-D-glucose, MA153447 on page 61***2-Amino-2-deoxy-3-O-methyl-D-glucose**• 2-Amino-2-deoxy-3-O-methyl-D-glucopyranose  
• 3-O-Methyl-D-glucosamine[911784-65-1][25521-07-7] C<sub>7</sub>H<sub>15</sub>NO<sub>5</sub> 193.2

MA153447

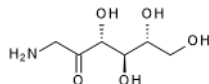
Price On Application



**Aminodeoxyyps****1-Amino-1-deoxy-D-psicose hydrochloride**[39002-30-7] C<sub>8</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MA46657

Price On Application



HCl

**4-Amino-7-(2-deoxy-b-D-ribofuranosyl)-1,7-dihydro-2H-pyrrolo[2,3-d]pyrimidin-2-one**

• 4-Amino-7-(2-deoxy-b-D-erythro-pentofuranosyl)-1,7-dihydro-2H-pyrrolo[2,3-d]pyrimidin-2-one

[103173-80-4] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub> 266.25

MA145597

50mg	\$115.00
100mg	\$195.00
250mg	\$375.00

**1-Amino-2-deoxy-D-ribose**

• 2-Deoxy-D-erythro-pentofuranosylamine

[122087-33-6] C<sub>5</sub>H<sub>11</sub>NO<sub>3</sub> 133.15

MA04068

100 mg	\$300.00
250mg	\$550.00
500mg	\$900.00

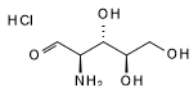
**2-Amino-2-deoxy-D-ribose hydrochloride**

• D-Ribosamine.HCl

[63508-80-5][532-19-4] C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub>·HCl 185.61

MA32653

50mg	\$750.00
100mg	\$1200.00
250mg	\$2400.00



HCl

**1-Amino-1-deoxy-scylo-inositol**see *scyllo-Inosamine*, MS44777 on page 500**1-Amino-1-deoxy-scylo-inositol HCl**see *scyllo-Inosamine hydrochloride*, M163480 on page 501**1-Amino-1-deoxy-L-sorbitol**see *D-Glucamine*, MG06629 on page 284**6-Amino-6-deoxy-L-sorbose**

[74004-39-0]

MA04080

Price On Application

**2-Amino-2-deoxy-D-talose**

[2494-50-0]

MA32649

Price On Application

**2-Amino-2-deoxy-3,4,6-tri-O-methyl-glucopyranose**see *2-Amino-2-deoxy-3,4,6-tri-O-methyl-D-glucose*, MA153448 on page 62**2-Amino-2-deoxy-3,4,6-tri-O-methyl-D-glucose**• 2-Amino-2-deoxy-3,4,6-tri-O-methyl-glucopyranose  
• 3,4,6-Tri-O-methyl-D-glucosamine[28872-62-0] C<sub>9</sub>H<sub>19</sub>NO<sub>5</sub> 221.25

MA153448

Price On Application



**1-Amino-1-deoxy-D-xylitol hydrochloride**

[22566-18-3]

MA00246

Price On Application

**2-Amino-2-deoxy-D-xylose**

[22738-07-4]

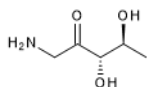
MA32654

Price On Application

**6-Amino-6,8-dideoxy-D-erythro-D-galacto-octopyranose**see *Lincosamine, ML46480 on page 348***1-Amino-1,5-dideoxy-L-erythro-2-pentulose**[858127-57-8] C<sub>5</sub>H<sub>11</sub>NO<sub>3</sub> 133.15

MA05770

250mg	\$315.00
500mg	\$525.00
1g	\$840.00

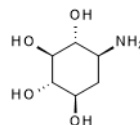
**2-Amino-2,6-dideoxy-D-galactose**see *2-Amino-2-deoxy-D-fucose, MA157019 on page 58***2-Amino-2,6-dideoxy-L-galactose**see *2-Amino-2-deoxy-L-fucose, MA05317 on page 58***2-Amino-2,6-dideoxy-D-glucofuranose**see *D-Quinovanosamine hydrochloride, MQ31639 on page 488***4-Amino-3,4-dideoxy-2-C-(hydroxymethyl)-D-epi-inositol**see *Valiolamine, MV08962 on page 600***3-Amino-2,3-dideoxy-D-myo-inositol**

- 1-Amino-1,2-dideoxy-scyllo-inositol
- 2-Deoxy-scyllo-inosamine

[75419-36-2] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MI44770

1mg	\$80.00
2mg	\$150.00
5mg	\$350.00

**4-Amino-4,6-dideoxy-D-mannose**

- D-Perosamine

[31348-80-8]

MA09871

Price On Application

**1-Amino-1,2-dideoxy-scyllo-inositol**see *3-Amino-2,3-dideoxy-D-myo-inositol, MI44770 on page 63***4-Amino-5-fluoro-1-[(2S,5S)-2-hydroxymethyl]-1,3-oxathiolan-5-yl]-2-(1H-pyrimidinone**see *2-epi(-)-emtricitabine, ME16711 on page 235***(2S-trans)-4-Amino-5-fluoro-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone**see *2-epi(-)-emtricitabine, ME16711 on page 235***(2R-cis)-[5-(4-Amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl b-D-glucofuranosiduronic acid**see *(-)-Emtricitabine O-b-D-glucuronide, ME16705 on page 233***6-Amino-N-b-D-galactopyranosyl hexanamide**see *N-(ε-Aminocaproyl)-b-D-galactopyranosyl amine, MA04472 on page 56***D-Aminoglucose HCl**see *D-Glucosamine HCl - non-animal origin, MG05262 on page 293*

## Aminoheptylde

## 6-Aminoheptyl 2-deoxy-5-O-DMT-a-D-riboside

C<sub>32</sub>H<sub>41</sub>N<sub>06</sub> 509.71

MA74860

Price On Application



## 2-Amino-4-hydroxy-1,4-butanedioic acid

C<sub>4</sub>H<sub>7</sub>NO<sub>5</sub> 149.1

MA44503

Price On Application



## 6-Amino-4-(hydroxymethyl)-4-cyclohexane-[4H,5H]-1,2,3-triol

see *Validamine*, MV09894 on page 600

## (1R,2S,3S,4S,6R)-4-Amino-6-(hydroxymethyl)cyclohexane-1,2,3-triol

see *Validamine*, MV09894 on page 600

## (1S,2S,3R,6S)-6-Amino-4-(hydroxymethyl)-4-cyclohexene-1,2,3-triol

see *Valienamine HCl*, MV11213 on page 600

## 2-Amino-3-hydroxy-4-octadecenyl β-D-glucopyranoside

see *Glucosyl-C18-sphingosine*, MG23669 on page 300

## (2S,3R,4E)-2-Amino-3-hydroxy-4-octadecenyl β-D-glucopyranoside

see *Glucosyl-C18-sphingosine*, MG23669 on page 300

## N-(Aminoiminomethyl)-N'-(2-deoxy-D-erythro-pentofuranosyl)urea

see *D-2'-Deoxyribofuranosyl-3-guanylurea*, MD16684 on page 183

## 4-amino-Kdn2en

see *4-Amino-2,6-anhydro-3,4-dideoxy-D-glycero-D-galacto-non-2-enoic acid*, MA05138 on page 55

## (2S)-2-[[2-[[[(2R)-2-Amino-3-mercapto-1-oxopropyl]amino]-2-deoxy-a-D-glucopyranosyl]oxy]butanedioic acid trifluoroacetic acid salt

see *Bacillithiol*, MB58334 on page 96

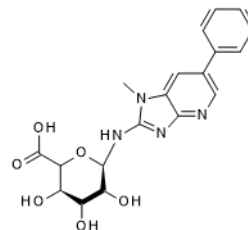
## 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine N-b-D-glucuronide

- 1-Deoxy-1-[[[(1-methyl-6-phenyl-1H-imidazo[4,5-b]pyridin-2-yl)amino]-b-D-glucopyranuronic acid
- PhIP-N-b-D-glucuronide

[133084-70-5] C<sub>19</sub>H<sub>20</sub>N<sub>4</sub>O<sub>6</sub> 400.39

MA16593

1mg	\$306.10
2mg	\$556.50
5mg	\$1011.70

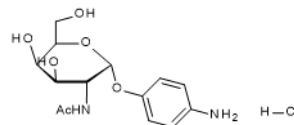
Refs: Turesky, R, et al, *Mutat. Res.* 506 187

## 4-Aminophenyl 2-acetamido-2-deoxy-a-D-galactopyranoside HCl

[210049-16-4] C<sub>14</sub>H<sub>20</sub>N<sub>2</sub>O<sub>6</sub>·HCl 348.78

MA04482

5mg	\$94.50
10mg	\$157.50
25mg	\$262.50



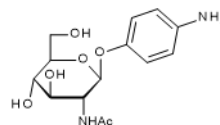
## 4-Aminophenyl 2-acetamido-2-deoxy-β-D-glucopyranoside

- 4-Aminophenyl 2-(acetylamino)-2-deoxy-β-D-glucopyranoside

[14419-59-1] C<sub>14</sub>H<sub>20</sub>N<sub>2</sub>O<sub>6</sub> 312.32

MA09019

10mg	\$189.00
50mg	\$577.50
100mg	\$998.00



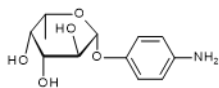
## 4-Aminophenyl 2-(acetylamino)-2-deoxy-β-D-glucopyranoside

see *4-Aminophenyl 2-acetamido-2-deoxy-β-D-glucopyranoside*, MA09019 on page 64



**4-Aminophenyl b-L-fucopyranoside**[69936-58-9] C<sub>12</sub>H<sub>17</sub>NO<sub>5</sub> 255.27

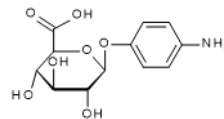
MA06856

25mg \$40.00  
50mg \$75.00  
100mg \$120.00**4-Aminophenyl b-D-glucuronide**

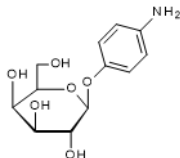
• 4-Aminophenyl-b-D-glucuronic acid

[21080-36-3] C<sub>12</sub>H<sub>14</sub>NNaO<sub>7</sub> 307.23

MA04485

10mg \$65.00  
25mg \$90.00  
50mg \$140.00**4-Aminophenyl b-D-galactopyranoside**[5094-33-7] C<sub>12</sub>H<sub>17</sub>NO<sub>6</sub> 271.27

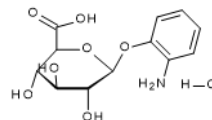
MA06133

100mg \$63.00  
250mg \$120.00  
500mg \$185.00

Refs: Diaz-González M, González-García M, Costa-García A, Electroanalysis 2005, 17, 21, p1901

**2-Aminophenyl b-D-glucuronide HCl**[15959-03-2] C<sub>12</sub>H<sub>15</sub>NO<sub>7</sub>·HCl 321.71

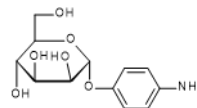
MA04484

50mg \$92.00  
100mg \$179.00  
250mg \$435.00**4-Aminophenyl a-D-mannopyranoside**

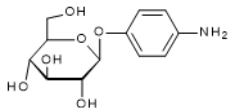
• p-Aminophenyl α-D-mannoside

[34213-86-0] C<sub>12</sub>H<sub>17</sub>NO<sub>6</sub> 271.27

MA04337

10mg \$65.00  
25mg \$117.50  
50mg \$182.00**4-Aminophenyl b-D-glucopyranoside**[20818-25-1] C<sub>12</sub>H<sub>17</sub>NO<sub>6</sub> 271.27

MA04975

50mg \$60.00  
100mg \$100.00  
250mg \$175.00

Refs: Lee W-C, Hsiao C-C, Chu R, Russ. J. Chem. Tech. Biotech. 4, 1, p66

**3-(4-Aminophenyl)-1-[2-(b-D-glucopyranosyloxy)-4,6-dihydroxyphenyl]-1-propanone**

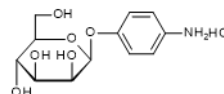
see 4-Aminophlorizin, MA17827 on page 66

**4-Aminophenyl b-D-glucuronic acid**

see 4-Aminophenyl b-D-glucuronide, MA04485 on page 65

**4-Aminophenyl b-D-mannopyranoside HCl**[210049-18-6] C<sub>12</sub>H<sub>17</sub>NO<sub>6</sub>·HCl 307.73

MA05305

10mg \$89.30  
25mg \$157.50  
50mg \$262.50**2-Aminophenyl b-D-glucuronide**[15959-03-2] C<sub>12</sub>H<sub>15</sub>NO<sub>7</sub> 285.25

MA15320

25mg \$63.00  
50mg \$100.00  
100mg \$179.00

## Aminophenylm

4-Aminophenyl  $\alpha$ -D-mannopyranoside 6-phosphate

[74160-60-4]

MA63302

Price On Application

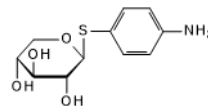


## 4-Aminophenyl 1-thio-b-D-xylopyranoside

[62205-43-0] C<sub>11</sub>H<sub>15</sub>NO<sub>4</sub>S 257.31

MA05075

Price On Application

4-Aminophenyl 2,3,4,6-tetra-O-acetyl- $\alpha$ -D-mannopyranoside

[187146-99-2]

MA46210

Price On Application

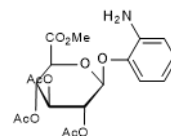


## 2-Aminophenyl 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester

C<sub>19</sub>H<sub>23</sub>NO<sub>10</sub> 425.39

MA04510

50mg	\$89.50
100mg	\$168.00
250mg	\$395.00

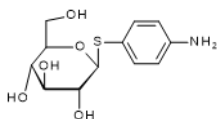


## 4-Aminophenyl b-D-thioglucopyranoside

[58737-22-7] C<sub>12</sub>H<sub>17</sub>NO<sub>5</sub>S 287.33

MA06858

1mg	\$40.00
2mg	\$70.00
5mg	\$150.00

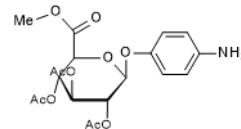


## 4-Aminophenyl 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester

[25218-22-8] C<sub>19</sub>H<sub>23</sub>NO<sub>10</sub> 425.39

MA04532

50mg	\$89.50
100mg	\$165.00
250mg	\$375.00

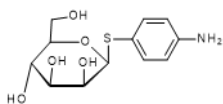


## 4-Aminophenyl b-D-thiomannopyranoside

[129970-93-0] C<sub>12</sub>H<sub>17</sub>NO<sub>5</sub>S 287.33

MA06857

50mg	\$210.00
100mg	\$394.00
150mg	\$576.00

p-Aminophenyl  $\alpha$ -D-mannosidesee 4-Aminophenyl  $\alpha$ -D-mannopyranoside, MA04337 on page 65

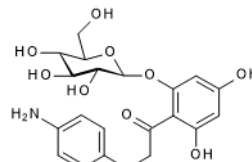
## 4-Aminophlorizin

• 3-(4-Aminophenyl)-1-[2-(b-D-glucopyranosyloxy)-4,6-dihydroxyphenyl]-1-propanone

[82628-89-5] C<sub>21</sub>H<sub>25</sub>NO<sub>9</sub> 435.42

MA17827

2mg	\$125.00
5mg	\$227.20
10mg	\$413.00



Refs: Hosang, M, et al, FEBS Lett, 130, 244-248 (1981)

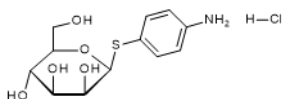


## 4-Aminophenyl b-D-thiomannopyranoside HCl

C<sub>12</sub>H<sub>17</sub>NO<sub>5</sub>S·HCl 323.79

MA04448

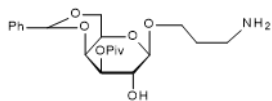
5mg	\$89.30
10mg	\$157.50
25mg	\$262.50



**3-Aminopropyl 4,6-O-benzylidene-3-O-pivaloyl-b-D-galactopyranoside**C<sub>21</sub>H<sub>31</sub>NO<sub>7</sub> 409.47

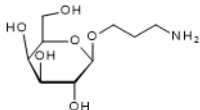
MA44470

Price On Application

**3-Aminopropyl b-D-galactopyranoside**C<sub>9</sub>H<sub>19</sub>NO<sub>6</sub> 237.25

MA08305

25mg	\$75.00
50mg	\$125.00
100mg	\$190.00

**3-Aminopropyl-3-O-(a-D-galactopyranosyl)-b-D-galactopyranoside**[201667-63-2] C<sub>15</sub>H<sub>29</sub>NO<sub>11</sub> 399.39

MA32027

10mg	\$4000.00
25mg	\$4500.00
50mg	\$5000.00

**2-Amino-a-D-ribofuranose[1',2':4,5]oxazoline**[27963-97-9] C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub> 162.2

MA01170

Price On Application

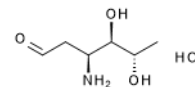
**1-[4-[1-[4-(Aminosulfonyl)phenyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl]benzoate] b-D-glucopyranuronic Acid**see *Celecoxib carboxylic acid acyl-b-D-glucuronide*, MC16649 on page 139**3-Amino-2,3,6-trideoxy-L-arabino-hexose hydrochloride**

• L-Acosamine hydrochloride

[56501-70-3] C<sub>6</sub>H<sub>14</sub>ClNO<sub>3</sub> 183.63

MA17204

5mg	\$150.00
10mg	\$272.60
25mg	\$496.00



Refs: Lee, W, et al, J. Med. Chem, 18, 768 (1975)

**(S)-10-[(3-Amino-2,3,6-trideoxy-a-L-lyxo-hexopyranosyl)oxy]-9,10-dihydro-6,11-dihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-naphthacenedione**see *9,10-Anhydro doxorubicin*, MA16597 on page 73**3-Amino-2,3,6-trideoxy-L-lyxo-hexose**see *L-Daunosamine hydrochloride*, MD07336 on page 159**2-Amino-2,3,5-trideoxy-3-methyl-L-arabinonic acid-gamma-lactone hydrochloride**

[42417-44-7]

MA31272

Price On Application

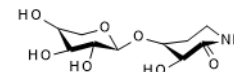
**5-Amino-3-O-(D-xylopyranosyl)-D-threo-pentano-1,5-lactam**

• (3S,4R)-3-Hydroxy-4-(b-D-xylopyranosyloxy)-2-piperidinone

[284045-95-0] C<sub>10</sub>H<sub>17</sub>NO<sub>7</sub> 263.24

MA16595

Price On Application



Refs: Roeser, K, et al, Biochim. Biophys. Acta, 657, 321 (1981); Mega, T, et al, J. Biochem, 94, 1637 (1983); Ermert, P, et al, Helv. Chim. Acta, 74, 2043 (1991)

**Amipaque**see *Metrizamide*, MM01350 on page 430

**Amiprilose****Amiprilose**[56824-20-5] C<sub>14</sub>H<sub>27</sub>NO 225.37

MA64863

50mg	\$230.00
100mg	\$375.00
250mg	\$590.00

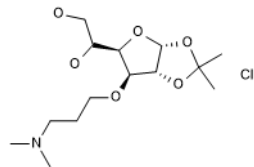
**Amiprilose hydrochloride**

• 1,2-O-Isopropylidene-3-O-[3'-(N,N-dimethylamino)propyl]-α-D-glucufuranose hydrochloride

[56824-20-5][60414-06-4] C<sub>14</sub>H<sub>27</sub>NO<sub>6</sub>·HCl 341.83

MA44344

5mg	\$50.00
10mg	\$80.00
25mg	\$150.00

**Ammonium 8-azido-3,8-dideoxy-D-manno-octulosonate**

MA44868

1g \$7500.00

**Ammonium-D-xylonate**see *D-Xyloic acid ammonium salt*, MA05392 on page 603**AMP-Deoxynojirimycin - Solution in ethanol**• AMP-dNM  
• N-(5-Adamantane-1-yl-methoxy-pentyl)-deoxynojirimycin[216758-20-2] C<sub>22</sub>H<sub>39</sub>NO<sub>5</sub> 397.55

MA31098

1mg	\$195.00
2mg	\$350.00
5mg	\$695.00

**AMP-dNM**see *AMP-Deoxynojirimycin - Solution in ethanol*, MA31098 on page 68**Amrubicin hydrochloride**

[92395-36-3]

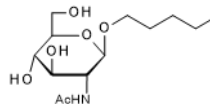
MA31808

Price On Application

**Amyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[94483-64-4] C<sub>13</sub>H<sub>25</sub>NO<sub>6</sub> 291.34

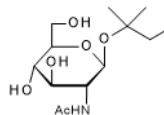
MA06534

1g	\$210.00
5g	\$840.00
10g	\$1260.00

**tert-Amyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[262849-66-1] C<sub>13</sub>H<sub>25</sub>NO<sub>6</sub> 291.34

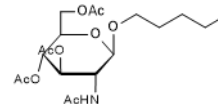
MA01786

1g	\$315.00
5g	\$945.00
10g	\$1680.00

**Amyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[146288-30-4] C<sub>19</sub>H<sub>31</sub>NO<sub>9</sub> 417.45

MA01784

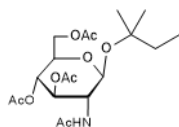
1g	\$210.00
5g	\$840.00
10g	\$1260.00



**tert-Amyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[262849-65-0] C<sub>19</sub>H<sub>31</sub>NO<sub>9</sub> 417.45

MA05609

Price On Application

**1,6-Anhydro-2-O-acetyl-3,4-dideoxy-b-D-erythro-hex-3-enopyranose**C<sub>8</sub>H<sub>10</sub>O<sub>4</sub> 170.16

MA07913

Price On Application

**N-Amyl b-D-glucopyranoside**[66957-71-9] C<sub>11</sub>H<sub>22</sub>O<sub>6</sub> 250.29

MA04986

50mg	\$62.50
100mg	\$100.00
250mg	\$212.50

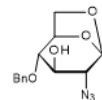
**2,7-Anhydro-b-D-altro-heptulopyranose**

see Sedoheptulose anhydride monohydrate, MS08092 on page 501

**1,6-Anhydro-2-azido-4-O-benzyl-2-deoxy-b-D-glucopyranose**[55682-47-8] C<sub>13</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 277.28

MA10314

500mg	\$500.00
1g	\$900.00
2g	\$1600.00

**9-Anana**

see 5-N-Acetyl-9-O-acetyl neuraminic acid, MA12117 on page 27

**Androstane-3- $\alpha$ ,17 b-diol 3-O-b-D-glucuronide-D3**[148616-25-5] C<sub>25</sub>H<sub>37</sub>O<sub>6</sub>D<sub>3</sub> 471.6

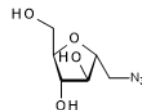
MA28860

1mg	\$570.00
2mg	\$1100.00
5mg	\$2325.00

**2,5-Anhydro-1-azido-1-deoxy-D-glucitol**[243469-59-2] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub> 189.17

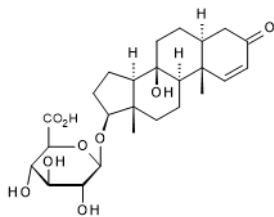
MA08695

Price On Application

**5-b-Androst-1-en-17b-ol-3-one glucuronide**C<sub>25</sub>H<sub>36</sub>O<sub>9</sub> 480.56

MA09739

1mg \$315.00

**1,6-Anhydro-2-azido-2-deoxy-b-D-glucopyranose**[67546-20-7] C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>4</sub> 187.15

MA08632

50mg	\$120.00
100mg	\$195.00
250mg	\$375.00



## Anhydroazido

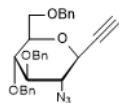
**Anhydro-4-azido-5,6,8-tri-O-benzyl-1,2,4-trideoxy-D-glycero-D-gulo-oct-1-ynitol**

• 2-Azido-3,4,6-tri-O-benzyl-1,2-dideoxy-1-ethynyl-β-D-glucopyranose

[443916-29-8] C<sub>29</sub>H<sub>29</sub>N<sub>3</sub>O<sub>4</sub> 483.56

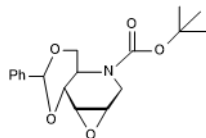
MA30426

100mg	\$1365.00
250mg	\$2887.50
500mg	\$4725.00

**2,3-Anhydro-4,6-O-benzylidene-N-Boc-1,5-deoxy-1,5-imino-D-glucitol**C<sub>18</sub>H<sub>23</sub>NO<sub>5</sub> 333.38

MA06749

2mg	\$94.50
5mg	\$178.50
10mg	\$336.00

**2,3-Anhydro-4,6-O-benzylidene-N-(tert-butoxycarbonyl)-1,5-deoxy-1,5-imino-D-glucitol**[133697-22-0] C<sub>18</sub>H<sub>23</sub>NO<sub>5</sub> 333.38

MA16600

2mg	\$149.90
5mg	\$272.60
10mg	\$495.50

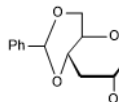
**1,5-Anhydro-4,6-O-benzylidene-3-deoxy-D-glucitol**

• 1,5-Anhydro-4,6-O-benzylidene-3-deoxy-D-ribo-hexitol

[152613-20-2] C<sub>18</sub>H<sub>16</sub>O<sub>4</sub> 236.26

MA05144

100mg	\$95.00
250mg	\$175.00
500mg	\$300.00



Refs: Boudoub V, Kerremans L, De Bouvere B, et al, Nucleic Acids Res. 27, 6, p1450; Verheggen I, et al, J. Med. Chem. 1993, 36, p2033

**1,5-Anhydro-4,6-O-benzylidene-3-deoxy-2-O-(4-methylbenzoyl)-D-ribo-hexitol**

see 1,5-Anhydro-4,6-O-benzylidene-3-deoxy-2-O-toluoyl-D-glucitol, MA04592 on page 70

**1,5-Anhydro-4,6-O-benzylidene-3-deoxy-D-ribo-hexitol**

see 1,5-Anhydro-4,6-O-benzylidene-3-deoxy-D-glucitol, MA05144 on page 70

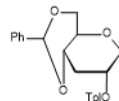
**1,5-Anhydro-4,6-O-benzylidene-3-deoxy-2-O-toluoyl-D-glucitol**

• 1,5-Anhydro-4,6-O-benzylidene-3-deoxy-2-O-(4-methylbenzoyl)-D-ribo-hexitol

[149312-19-6] C<sub>21</sub>H<sub>22</sub>O<sub>5</sub> 354.4

MA04592

50mg	\$89.50
100mg	\$168.00
250mg	\$315.00

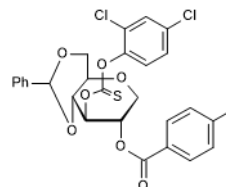


Refs: Verheggen I, et al, J. Med. Chem. 1993, 36, p2033

**1,5-Anhydro-4,6-O-benzylidene-3-O-[2,4-dichlorophenyl]thiocarbonyloxy-2-O-toluoyl-D-glucitol**C<sub>28</sub>H<sub>24</sub>Cl<sub>2</sub>O<sub>7</sub>S 575.46

MA05714

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50



Refs: Verheggen I, et al, J. Med. Chem. 1993, 36, p2033

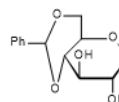
**1,5-Anhydro-4,6-O-benzylidene-D-glucitol**

• 2,6-Anhydro-1,3-O-benzylidenehexitol

[65190-39-8] C<sub>13</sub>H<sub>16</sub>O<sub>5</sub> 252.26

MA04597

500mg	\$75.00
1g	\$125.00
2g	\$220.00



Refs: Verheggen I, et al, J. Med. Chem. 1993, 36, p2033

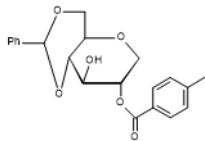
**2,6-Anhydro-1,3-O-benzylidenehexitol**

see 1,5-Anhydro-4,6-O-benzylidene-D-glucitol, MA04597 on page 70

**1,5-Anhydro-4,6-O-benzylidene-2-O-toluoyl-D-glucitol**[156715-23-0] C<sub>21</sub>H<sub>22</sub>O<sub>6</sub> 370.4

MA04617

50mg	\$4987.50
100mg	\$189.00
250mg	\$315.00

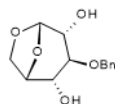


Refs: Verheggen I, et al, J. Med. Chem. 1993, 36, p2033

**1,6-Anhydro-3-O-benzyl-b-L-idopyranose**[42926-91-0] C<sub>13</sub>H<sub>16</sub>O<sub>5</sub> 252.26

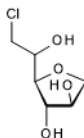
MA29645

Price On Application

**1,4-Anhydro-6-chloro-6-deoxy-D-glucitol**C<sub>6</sub>H<sub>11</sub>ClO<sub>4</sub> 182.61

MA09236

Price On Application

**(1S)-1,5-Anhydro-1-C-[4-chloro-3-[(4-ethoxyphenyl)methyl]phenyl]-D-glucitol**

see Dapagliflozin, MD20795 on page 158

**1,5-Anhydro-2-deoxy-D-arabino-hex-1-enitol triacetate**

see 3,4,6-Tri-O-acetyl-D-glucal, MT00681 on page 571

**2,6-Anhydro-5-deoxy-D-arabino-hex-5-enitol 1,3,4-triacetate**

see 3,4,6-Tri-O-acetyl-D-galactal, MT05853 on page 570

**2,6-Anhydro-5-deoxy-D-arabino-hex-5-enonic acid diacetate methyl ester**

see 3,4-Di-O-acetyl-D-glucuronal methyl ester, MG16739 on page 194

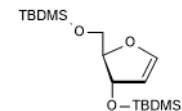
**1,4-Anhydro-2-deoxy-3,5-bis-O-(t-butylidimethylsilyl)-D-erythro-pent-1-enitol**

• 3,5-Bis-O-(tert-butylidimethylsilyl)-D-ribose

[173327-56-5] C<sub>17</sub>H<sub>36</sub>O<sub>3</sub>Si<sub>2</sub> 344.64

MA06401

100mg	\$100.00
250mg	\$185.00
500mg	\$290.00



Refs: Daves GD Jr, Acc. Chem. Res. 1990, 23, p201

**2,5-Anhydro-3-deoxy-4,6-di-O-(4-methylbenzoyl)-D-erythro-hexonitrile**

see 1-Cyano-2-deoxy-3,5-di-O-toluoyl-D-ribofuranose, MC05949 on page 154

**1,5-Anhydro-2-deoxy-3,6-di-O-triisopropylsilyl-D-arabino-hex-1-enitol**

see 3,6-Di-O-triisopropylsilyl-D-glucal, MD04282 on page 231

**2,5-Anhydro-3-deoxy-6-O-DMT-D-ribo-hexonic acid methyl ester**[184296-62-6] C<sub>28</sub>H<sub>30</sub>O<sub>7</sub> 478.53

MA139100

1g	\$3750.00
2g	\$4550.00

**1,4-Anhydro-2-deoxy-D-erythro-pent-1-enitol**

see Ribal, MR74842 on page 495

**1,6-Anhydro-2-deoxy-2-fluoro-b-D-glucopyranose**[23235-99-6] C<sub>6</sub>H<sub>9</sub>FO<sub>4</sub> 164.13

MA46580

Price On Application



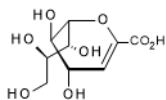
## Anhydrodeoxy

**2,6-Anhydro-3-deoxy-D-glycero-D-galacto-non-2-enoic-acid**

• Kdn2en

[188854-96-8] C<sub>9</sub>H<sub>14</sub>O<sub>8</sub> 250.21

MA04590

2mg \$89.30  
5mg \$210.00  
10mg \$399.00

Refs: Sun X-L, et al, Carbohydr. Res. 2000, 323, p1

**1,6-Anhydro-2-deoxy-2-iodo-β-D-glucopyranose**[139437-39-1] C<sub>6</sub>H<sub>10</sub>I<sub>2</sub>O<sub>4</sub> 272.04

MA08381

50mg \$80.00  
100mg \$130.00  
250mg \$235.00**2,6-Anhydro-3-deoxy-D-lyxo-hept-2-enonimidamide monohydrochloride**[180336-29-2] C<sub>7</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>·HCl 224.64

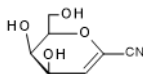
MA00717

Price On Application

**2,6-Anhydro-3-deoxy-D-lyxo-hept-2-enonitrile**[180336-27-0] C<sub>7</sub>H<sub>8</sub>NO<sub>4</sub> 171.15

MA02173

Price On Application

**1,5-Anhydro-2-deoxy-D-lyxo-hex-1-enitol**see *D-Galactal*, MG00832 on page 271**2,6-Anhydro-1-deoxy-1-nitro-D-glycero-D-galacto-heptitol**see *b-D-Mannopyranosyl nitromethane*, MM01638 on page 356**2,6-Anhydro-7-deoxy-7-nitro-L-glycero-L-galacto-heptitol**see *b-D-Galactopyranosyl nitromethane*, MG01635 on page 273**2,6-Anhydro-1-deoxy-1-nitro-L-mannitol**see *a-L-Arabinopyranosyl nitromethane*, MA00686 on page 81**2,6-Anhydro-1-deoxy-1-nitro-3,4,5-tri-O-acetyl-D-gulitol**

MA03554

Price On Application

**2,6-Anhydro-5-deoxy-1-O-TBDMS-3,4-O-(1-methylethylidene)-D-arabino-hex-5-enitol**see *6-O-tert-Butyldimethylsilyl-3,4-O-isopropylidene-D-galactal*, MB04322 on page 130**1,4-Anhydro-3-deoxy-D-threo-pentitol**[204509-08-0] C<sub>5</sub>H<sub>10</sub>O<sub>3</sub> 118.13

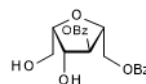
MA153478

Price On Application

**1,5-Anhydro-2-deoxy-3,4,6-tris-O-[(1,1-dimethylethyl)dimethylsilyl]-D-arabino-hex-1-enitol**see *3,4,6-Tri-O-(tert-butyldimethylsilyl)-D-glucal*, MT45837 on page 587**2,5-Anhydro-4,6-di-O-benzoyl-D-glucitol**[75499-83-1] C<sub>20</sub>H<sub>20</sub>O<sub>7</sub> 372.38

MA09229

Price On Application

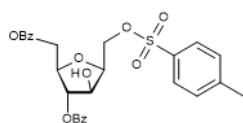




**2,5-Anhydro-4,6-di-O-benzoyl-1-(p-toluenesulfonyl)-D-glucitol**[82064-07-1] C<sub>27</sub>H<sub>26</sub>O<sub>9</sub>S 526.57

MA09228

Price On Application

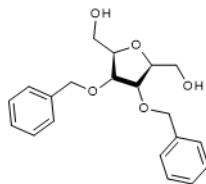
**2,5-Anhydro-3,4-dibenzyl-D-glucitol**

• 2,5-Anhydro-3,4-bis-O-(phenylmethyl)-D-glucitol

[129115-89-5] C<sub>20</sub>H<sub>24</sub>O<sub>5</sub> 344.4

MA16599

5mg	\$124.90
10mg	\$227.20
25mg	\$413.00

**1,6-Anhydro-3,4-dideoxy-b-D-erythro-hex-3-enopyranose**C<sub>6</sub>H<sub>8</sub>O<sub>3</sub> 128.13

MA07914

Price On Application

**2,6-Anhydro-1,7-dideoxy-1-nitro-L-glycero-L-galacto-heptitol**see *b-L-Rhamnopyranosyl nitromethane, MR01637 on page 492***2,6-Anhydro-1,7-dideoxy-7-nitro-D-glycero-D-galacto-heptitol**see *b-L-Fucopyranosyl nitromethane, MF01633 on page 268***1,6-Anhydro-2,3-dideoxy-b-D-threo-hex-2-enopyranose**[58394-32-4][52630-81-6] C<sub>6</sub>H<sub>8</sub>O<sub>3</sub> 128.13

MA06449

25mg	\$89.50
50mg	\$184.00
100mg	\$336.00

**1,6-Anhydro-2,3-dideoxy-b-DL-threo-hex-2-enopyranose**see *1,6-Anhydro-2,3-dideoxy-b-threo-hex-2-enopyranose, MA16598 on page 73***1,6-Anhydro-2,3-dideoxy-b-threo-hex-2-enopyranose**

• 1,6-Anhydro-2,3-dideoxy-b-DL-threo-hex-2-enopyranose

[52630-81-6] C<sub>6</sub>H<sub>8</sub>O<sub>3</sub> 128.13

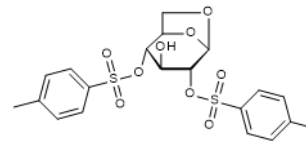
MA16598

25mg	\$140.00
50mg	\$254.50
100mg	\$462.00

**1,6-Anhydro-2,4-di-O-p-toluenesulfonyl-b-D-glucopyranose**[20204-80-2] C<sub>20</sub>H<sub>22</sub>O<sub>8</sub>S<sub>2</sub> 470.52

MA04605

50mg	\$89.50
100mg	\$168.00
250mg	\$315.00

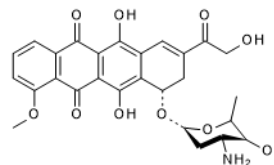
**9,10-Anhydro doxorubicin**

• (S)-10-[(3-Amino-2,3,6-trideoxy-a-L-lyxo-hexopyranosyl)oxy]-9,10-dihydro-6,11-dihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-naphthacenedione

[80996-23-2] C<sub>27</sub>H<sub>27</sub>NO<sub>10</sub> 525.5

MA16597

1mg	\$1250.00
2mg	\$1950.00
5mg	\$3200.00



Refs: Potti, G, et al, J. Med. Chem, 25, 478 (1982)

**1,4-Anhydro-D-erythritol**[4358-64-9][81313-42-0] C<sub>4</sub>H<sub>8</sub>O<sub>3</sub> 104.1

MA08099

1g	\$55.00
2g	\$90.00
5g	\$175.00



## Anhydroeryth

## 1,4-Anhydro-D-erythro-pentitol

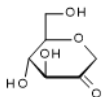
see 1,2-Dideoxy-D-ribofuranose, MD06425 on page 211

## 1,5-Anhydro-D-fructose

[75414-43-6] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MA08330

50mg	\$131.50
100mg	\$205.00
250mg	\$400.00



Refs: Dekany G, Lundt I, Niedermair F, Bichler S, Spreitz J, Spreng FF, Stutz AE, Carbohyd. Res. 2007



## 1,6-Anhydro-β-D-galactopyranose

- 6,8-Dioxa-bicyclo[3,2,1]octanae-2,3,4-triol
- D-Galactosan

[644-76-8] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MA03786

500mg	\$60.00
1g	\$95.00
2g	\$158.00



## 3,6-Anhydro-α-D-galactopyranosyl-(1→3)-D-galactose

see Neocarrabiose (β anomer, crystalline), MN01652 on page 437

## 1,5-Anhydro-D-galactose

C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MA12055

10mg	\$47.30
25mg	\$92.00
50mg	\$157.50

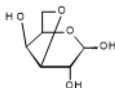


## 3,6-Anhydro-D-galactose

[14122-18-0] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MA05523

10mg	\$80.00
25mg	\$132.50
50mg	\$205.00



Refs: Storz CA, Cerezo AS, Biopolymers 2003, 70, p227

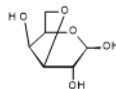


## 3,6-Anhydro-D-galactose - 10% aqueous solution

[14122-18-0] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MA07897

10mg	\$80.00
25mg	\$132.50
50mg	\$205.00



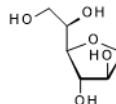
## 1,4-Anhydro-D-glucitol

- 1,4-Anhydro-D-sorbitol
- 1,4-Sorbitan

[27299-12-3] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MA04203

500mg	\$70.00
1g	\$115.00
2g	\$220.00



Refs: Bashford VG, Wiggins LF, J. Chem. Soc. 1948, p299



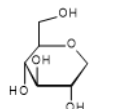
## 1,5-Anhydro-D-glucitol

- 1,5-Anhydro-D-sorbitol

[154-58-5] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MA06651

200mg	\$64.00
500mg	\$135.00
1g	\$204.80



Refs: Yamanouchi T, et al, Am. J. Physiol. 1992, 263, pE268; Yoshioka S, et al, Clin. Chem. 1984, 30, p188; Field RA, et al, Bioorg. Med. Chem. Lett. 1991, 1, p667; Cavallaro CL, Schartz JJ, Org. Chem. 1996, 61, p3863; Richtmyer NK, Carr CJ, Hudson CS, J. Am. Chem. Soc. 1943, p1477

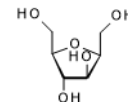


## 2,5-Anhydro-D-glucitol

[27826-73-9] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MA04561

5mg	\$75.00
10mg	\$120.00
25mg	\$185.00



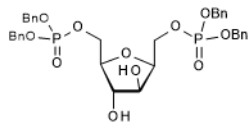
Refs: Koerner TAW, et al, Carbohydr. Res. 1977, 59, p403



**2,5-Anhydro-D-glucitol-1,6-bis-(dibenzylphosphate)**C<sub>34</sub>H<sub>38</sub>O<sub>11</sub>P<sub>2</sub> 684.61

MA04540

2mg	\$89.30
5mg	\$168.00
10mg	\$262.50

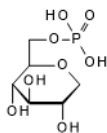


Refs: Koerner Jr TAW, et al, JBC 1974, 249, p5749; Reitz AB, et al, Tetrahedron Lett. 1985, 26, p3915

**1,5-Anhydro-D-glucitol 6-dihydrogenphosphate**[17659-59-5] C<sub>6</sub>H<sub>13</sub>O<sub>8</sub>P 244.14

MA58291

Price On Application

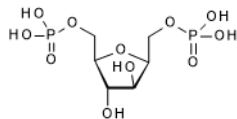
**2,5-Anhydro-D-glucitol 6-(dihydrogen phosphate)**

see 2,5-Anhydro-D-glucitol-6-phosphate, MA06099 on page 75

**2,5-Anhydro-D-glucitol-1,6-diphosphate**[4429-47-4] C<sub>6</sub>H<sub>14</sub>O<sub>11</sub>P<sub>2</sub> 324.12

MA04555

1mg	\$200.00
2mg	\$300.00
5mg	\$550.00



Refs: Koerner Jr TAW, et al, JBC 1974, 249, p5749; Reitz AB, et al, Tetrahedron Lett. 1985, 26, p3915

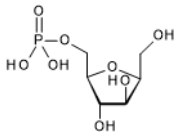
**2,5-Anhydro-D-glucitol-6-phosphate**

• 2,5-Anhydro-D-glucitol 6-(dihydrogen phosphate)

[73548-76-2] C<sub>6</sub>H<sub>13</sub>O<sub>8</sub>P 244.14

MA06099

1mg	\$125.00
2mg	\$220.00
5mg	\$475.00



Refs: Koerner Jr TAW, et al, JBC 1974, 249, p5749; Reitz AB, et al, Tetrahedron Lett. 1985, 26, p3915

**Anhydro-D-glucochloral**see *α*-Chloralose, MC06906 on page 141**1,5-Anhydro-α-D-glucofuranose**

• 1,4-Anhydro-β-D-glucopyranose

[24516-44-7] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MA05318

25mg	\$1890.00
50mg	\$2467.50

**1,6-Anhydro-β-D-glucofuranose**

[7425-74-3]

MA44750

5mg	\$400.00
10mg	\$700.00
25mg	\$1500.00

**1,4-Anhydro-β-D-glucopyranose**

see 1,5-Anhydro-α-D-glucofuranose, MA05318 on page 75

**1,6-Anhydro-β-D-glucopyranose**

see Levoglucosan, ML06636 on page 348

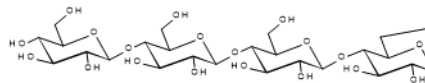
**1,6-Anhydro-β-D-glucopyranose, β-D-glucopyranosyl-(1-4)-β-D-glucopyranosyl-(1-4)-β-D-glucopyranosyl-**

• Cellotetraosan

[80325-59-3] C<sub>24</sub>H<sub>40</sub>O<sub>20</sub> 648.56

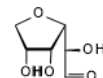
MA46489

1mg	\$145.00
2mg	\$220.00
5mg	\$350.00

**3,6-Anhydro-D-glucose**[7625-23-2] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MA34980

50mg	\$475.00
100mg	\$650.00
250mg	\$750.00



## Anhydrogluco

1,6-Anhydro- $\beta$ -D-glucose triacetatesee 2,3,4-Tri-O-acetyl-1,6-anhydro- $\beta$ -D-glucopyranose, MT06721 on page 563

## 2,5-Anhydro-L-idoitol

[28218-55-5] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16MA46864 50mg \$1200.00  
100mg \$1800.00

## 2,5-Anhydro-2,5-imino-D-glucitol

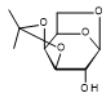
see 2,5-Dideoxy-2,5-imino-D-glucitol, MD04565 on page 209

## 2,5-Anhydro-2,5-imino-D-mannitol

see 2,5-Dideoxy-2,5-imino-D-mannitol, MD04702 on page 209

## 2,5-Anhydro-2,5-imino-D-mannitol HCl

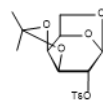
see 2,5-Dideoxy-2,5-imino-D-mannitol HCl, MD04566 on page 210

1,6-Anhydro-3,4-O-isopropylidene- $\beta$ -D-galactopyranose[52579-97-2] C<sub>9</sub>H<sub>14</sub>O<sub>5</sub> 202.2MA04577 500mg \$95.00  
1g \$168.00  
2g \$262.50

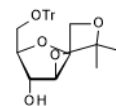
Refs: Uryu T, Hatanaka K, Yoshinari K, et al, J. Polym. Sci. Part A Polym. Chem. 20, 2, p343

1,6-Anhydro-2,3-O-isopropylidene- $\beta$ -D-mannopyranose[14440-51-8] C<sub>9</sub>H<sub>14</sub>O<sub>5</sub> 202.2MA04564 100mg \$65.00  
250mg \$105.00  
500mg \$165.00

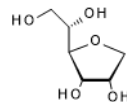
Refs: Zottola MA, et al, J. Org. Chem. 1989, 54, p6123

1,6-Anhydro-3,4-O-isopropylidene-2-O-p-toluenesulfonyl- $\beta$ -D-galactopyranose[81028-98-0] C<sub>16</sub>H<sub>20</sub>O<sub>7</sub>S 356.39MA04573 500mg \$80.00  
1g \$157.50  
2g \$262.50

## 2,5-Anhydro-1,3-O-isopropylidene-6-O-trityl-D-glucitol

[65758-50-1] C<sub>28</sub>H<sub>30</sub>O<sub>5</sub> 446.53MA05291 100mg \$90.00  
250mg \$172.50  
500mg \$265.00

## 1,4-Anhydro-D-mannitol

[7726-97-8] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16MA09580 10mg \$50.00  
25mg \$87.50  
50mg \$135.00

## 1,5-Anhydro-D-mannitol

[492-93-3] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16MA06625 50mg \$95.00  
100mg \$175.00  
250mg \$350.00

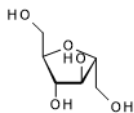
Refs: Proc. Natl. Acad. Sci. 1983, 80, p4301; Gen. Eng. News 1987, 7, p31



**2,5-Anhydro-D-mannitol**[41107-82-8] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MA04572

10mg	\$50.00
25mg	\$100.00
50mg	\$160.00

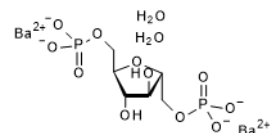


Refs: Proc. Natl. Acad. Sci. 1982, 80, p4301; Gen. Eng. News, 1987, 7, p31

**2,5-Anhydro-D-mannitol-1,6-diphosphate dibarium salt dihydrate**[352000-03-4] C<sub>6</sub>H<sub>10</sub>Ba<sub>2</sub>O<sub>11</sub>P<sub>2</sub>·2H<sub>2</sub>O 630.77

MA04571

1mg	\$60.00
2mg	\$90.00
5mg	\$200.00



Refs: Riquelme PT, et al, Proc. Natl. Acad. Sci. 1983, 80, p4301; Riquelme PT, et al, JBC 1984, 259, p5115

**2,5-Anhydro-D-mannitol peracetate**

see 2,5-Anhydro-D-mannitol tetraacetate, MA16601 on page 77

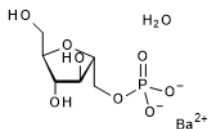
**2,5-Anhydro-D-mannitol-1-phosphate barium salt hydrate**

• 2,5-Anhydro-D-mannitol-6-phosphate, barium salt hydrate

[52011-52-6][352000-02-3] C<sub>6</sub>H<sub>11</sub>BaO<sub>8</sub>P·H<sub>2</sub>O 397.46

MA05171

2mg	\$50.00
5mg	\$90.00
10mg	\$170.00



Refs: Riquelme PT, et al, Natl. Acad. Sci. 1983, 80, p4301; Riquelme PT, et al, JBC 1984, 259, p5115

**2,5-Anhydro-D-mannitol-6-phosphate, barium salt hydrate**

see 2,5-Anhydro-D-mannitol-1-phosphate barium salt hydrate, MA05171 on page 77

**1,5-Anhydro-D-mannitol tetraacetate**

see 2,3,4,6-Tetra-O-acetyl-1,5-anhydro-D-mannitol, MT16864 on page 514

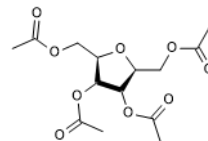
**2,5-Anhydro-D-mannitol tetraacetate**

• 2,5-Anhydro-D-mannitol peracetate

[65729-88-6] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

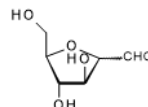
MA16601

50mg	\$95.00
100mg	\$160.00
250mg	\$375.00

**2,5-Anhydro-D-mannofuranose**[495-75-0] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MA05292

25mg	\$75.00
50mg	\$125.00
100mg	\$180.00

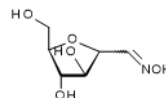


Refs: Lindahl U, Backstrom G, Thunberg L, et al, PNAS 1980, 77, 11, p6561

**2,5-Anhydro-D-mannofuranose oxime**[127676-61-3] C<sub>6</sub>H<sub>11</sub>NO<sub>5</sub> 177.16

MA06750

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50

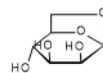
**1,6-Anhydro-b-D-mannopyranose**

• Mannosan

[14168-65-1] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MA04574

500mg	\$70.00
1g	\$120.00
2g	\$220.00



Refs: Lee J-C, Chang S-W, Liao C-C, et al, A Eur. J. 10, 2, p399

**2,5-Anhydro-3,4-bis-O-(phenylmethyl)-D-glucitol**

see 2,5-Anhydro-3,4-dibenzyl-D-glucitol, MA16599 on page 73

**1,4-Anhydro-L-ribitol**

see 1-Deoxy-D-ribose, MD01054 on page 183

## Anhydrosorbitol

## 1,4-Anhydro-L-ribitol

see 1-Deoxy-L-ribose, MD00772 on page 184

## 2,5-Anhydro-D-ribitol

see 1-Deoxy-L-ribose, MD00772 on page 184

## 2,7-Anhydro-D-sedoheptulose-2,3,4,5,6,7-13C6

MA145646

Price On Application



## 1,4-Anhydro-D-sorbitol

see 1,4-Anhydro-D-glucitol, MA04203 on page 74

## 1,5-Anhydro-D-sorbitol

see 1,5-Anhydro-D-glucitol, MA06651 on page 74

## 1,6-Anhydro-4-O-p-toluenesulfonyl-b-D-glucopyranose

[23643-29-0] C<sub>13</sub>H<sub>16</sub>O<sub>7</sub>S 316.33

MA04567

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00



## 1,6-Anhydro-2-O-p-toluenesulfonyl-b-D-glucopyranose

[3868-05-1] C<sub>13</sub>H<sub>16</sub>O<sub>7</sub>S 316.33

MA04568

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00



## 1,5-Anhydro-3,4,6-tri-O-benzyl-2-deoxy-D-arabino-hex-1-enitol

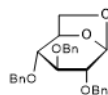
see 3,4,6-Tri-O-benzyl-D-glucal, MT00253 on page 583

## 1,6-Anhydro-2,3,4-tri-O-benzyl-b-D-glucopyranose

[10548-46-6] C<sub>27</sub>H<sub>28</sub>O<sub>5</sub> 432.51

MA05158

1g	\$95.00
2g	\$150.00
5g	\$275.00



Refs: Fraser-Reid B, et al, J. Am. Chem. Soc. 1984, 106, p731; Edwards MP, et al, J. Org. Chem. 1984, 49, p3503; Kochetkov NK, et al, Tetrahedron Lett. 1981, 22, p4315; Georges M, et al, Carbohydr. Res. 1984, 130, p115; Toshiyuki U, Kenichi H, Kei M, Die Makromolekulare Chemie, 181, 10, p2137

## 4,7-Anhydro-1,2,3-trideoxy-D-allo-oct-1-enitol

[83540-89-0] C<sub>8</sub>H<sub>14</sub>O<sub>4</sub> 174.19

MA139119

Price On Application

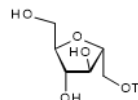


## 2,5-Anhydro-1-O-trityl-D-mannitol

[68774-48-1] C<sub>25</sub>H<sub>26</sub>O<sub>5</sub> 406.48

MA09227

100mg	\$750.00
250mg	\$1250.00
500mg	\$1950.00



## 1,4-Anhydro-D-xylitol

[53448-53-6] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MA16603

100mg	\$190.00
250mg	\$425.00
500mg	\$750.00



Refs: Birch, G.G, et al, J. Food Sci, 38, 665 1974, Lescrinier, E, et al.: Helv. Chim. Acta, 83, 1291 (2000)

**1,5-Anhydroxylitol**[39102-78-8] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MA30992

Price On Application

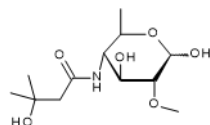
**Anthrose**

• 4,6-Dideoxy-4-(3-hydroxy-3-methylbutanamido)-2-O-methyl-D-glucopyranose

[769959-88-8] C<sub>12</sub>H<sub>23</sub>NO<sub>6</sub> 277.31

MA05165

1mg	\$220.00
2mg	\$420.00
5mg	\$995.00



Refs: Saksena R, et al, Carbohydr. Res. 2005, 340, p1591

**Anthrose - ethylene diamine-N6-hydroxyhexanoic acid - biotin linker**

MA32229

Price On Application

**Anthrose - ethylene diamine-N6-hydroxyhexanoic acid linker**

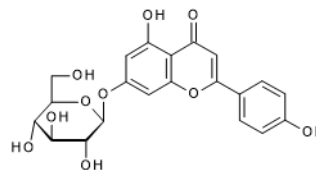
MA32228

Price On Application

**Apigenin-6-C-glucoside**see *Isovitexin hplc, M165769 on page 343***Apigenin-7-glucoside**[578-74-5] C<sub>21</sub>H<sub>20</sub>O<sub>10</sub> 432.39

MA09740

1mg	\$52.50
2mg	\$84.00
5mg	\$131.30

**Apigenin-7-O-glucuronide**

[29741-09-1]

MA74543

5mg	\$86.00
10mg	\$150.00
25mg	\$300.00

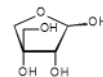
**D-Apiose - Aqueous solution**

• 3-C-(Hydroxymethyl)-D-glycero-tetrafuranose

[639-97-4] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MA00248

5mg	\$75.00
10mg	\$130.00
25mg	\$225.00

**DL-Apiose**

[42927-70-8]

MA145434

Price On Application

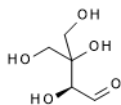


## Apiose

## L-Apiose

[6477-44-7] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MA11292

2mg \$95.00  
5mg \$175.00  
10mg \$300.00

## a-D-Apiose diacetoneide

see 1,2:3,5-Di-O-isopropylidene-a-D-aposio, MD06859 on page 216

## D-Arabinaric acid dipotassium salt

- Dipotassium D-arabinate
- Dipotassium D-lyxarate

[6703-05-5] C<sub>5</sub>H<sub>6</sub>K<sub>2</sub>O<sub>7</sub> 256.29

MA15901

100mg \$395.00  
250mg \$750.00  
500mg \$1250.00

## L-Arabinaric acid dipotassium salt

- Dipotassium L-arabinate
- Dipotassium L-lyxarate

[608-54-8] C<sub>5</sub>H<sub>6</sub>K<sub>2</sub>O<sub>7</sub> 256.29

MA153476

100mg \$395.00  
250mg \$750.00  
500mg \$1250.00

## D-Arabinitol

see D-Arabitol, MA05805 on page 84

## DL-Arabinitol

see DL-Arabitol, MA07031 on page 84

## L-Arabinitol

see L-Arabitol, MA05150 on page 84

## D-Arabinitol diacetoneide

see 2,3:4,5-Di-O-isopropylidene-D-arabitol, MD10308 on page 217

## b-D-Arabinofuranose

[25545-03-3][41546-26-3]

MA12310

Price On Application



## L-arabino-Hex-enitol, 2,6-anhydro-1-deoxy-3,4,5-tri-O-acetate

see 2,3,4-Tri-O-acetyl-L-fucal, MT75009 on page 570

## 4-a-L-arabino-Hexopyranoside, methyl 3-amino-2,3,6-trideoxy-

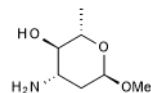
see a-L-arabino-Hexopyranoside, methyl 3-amino-2,3,6-trideoxy-, MA44773 on page 80

## a-L-arabino-Hexopyranoside, methyl 3-amino-2,3,6-trideoxy-

- α-L-arabino-Hexopyranoside, methyl 3-amino-2,3,6-trideoxy-
- 4-a-L-arabino-Hexopyranoside, methyl 3-amino-2,3,6-trideoxy-

[54623-23-3] C<sub>7</sub>H<sub>15</sub>NO<sub>3</sub> 161.2

MA44773

10mg \$750.00  
25mg \$1125.00  
50mg \$1500.00

## α-L-arabino-Hexopyranoside, methyl 3-amino-2,3,6-trideoxy-

see a-L-arabino-Hexopyranoside, methyl 3-amino-2,3,6-trideoxy-, MA44773 on page 80

## L-arabino-Hexose, 3-amino-2,3,6-trideoxy-

see 4-Epi-daunosamine, ME44772 on page 235

## D-Arabino-2-hexulopyranosonic acid hemicalcium salt

see 2-Keto-D-gluconic acid hemicalcium salt monohydrate, MK03802 on page 345

## D-Arabino-2-hexulosonic acid

see 2-Keto-D-gluconic acid, MK01576 on page 345



**D-Arabino-5-hexulosonic acid**

- D-Tagaturonic acid
- 5-Keto-L-galactonic acid

[6812-01-7] C<sub>6</sub>H<sub>10</sub>O<sub>7</sub> 194.14

MA146089

Price On Application

**b-L-Arabinopyranose**[7296-56-2] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.1

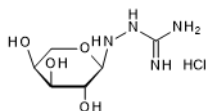
MA05558

Price On Application

**L-Arabinopyranose**see *L-Arabinose*, MA02043 on page 82**N1-a-L-Arabinopyranosylamino-guanidine HCl**[109853-78-3] C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>·HCl 242.66

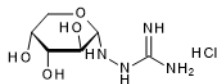
MA06536

200mg	\$84.00
500mg	\$185.00
1g	\$341.30

**N1-b-D-Arabinopyranosylamino-guanidine HCl**[368452-58-8] C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>·HCl 242.66

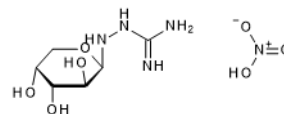
MA01028

200mg	\$126.00
500mg	\$265.00
1g	\$420.00

**N-1-b-D-Arabinopyranosylamino guanidine HNO<sub>3</sub>**[368452-60-2] C<sub>6</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>·HNO<sub>3</sub> 254.2

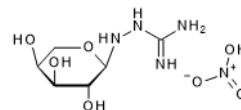
MA06900

250mg	\$157.50
500mg	\$265.00
1g	\$420.00

**N1-a-L-Arabinopyranosylamino-guanidine HNO<sub>3</sub>**[109853-80-7] C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>·HNO<sub>3</sub> 269.21

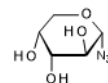
MA00703

250mg	\$157.50
500mg	\$265.00
1g	\$420.00

**a-D-Arabinopyranosyl azide**[138892-04-3] C<sub>5</sub>H<sub>9</sub>N<sub>3</sub>O<sub>4</sub> 175.14

MA04013

Price On Application



Refs: Dinya Z, Benke P, Györgydeák Z, et al, J. Mass Spectrom. Vol36, No2, p211-219

**N-D-arabinopyranosyl-hydrazinecarbothioamide**see *D-Arabinopyranosyl thiosemicarbazide*, MA00693 on page 82**N-L-arabinopyranosyl-hydrazinecarbothioamide**see *L-Arabinopyranosyl thiosemicarbazide*, MA00719 on page 82**a-L-Arabinopyranosyl nitromethane**

- 2,6-Anhydro-1-deoxy-1-nitro-L-mannitol

[113972-91-1] C<sub>6</sub>H<sub>11</sub>NO<sub>6</sub> 193.2

MA00686

Price On Application



## Arabinopyran

## 3b-[[a-L-arabinopyranosyl) oxy]urs-12,19(29)-dien-28-oic acid 28-b-D-glucopyranosyl ester

MA74563

Price On Application



## 3b-[[a-L-arabinopyranosyl)oxy] urs-12,18-dien-28-oic acid 28-b-D-glucopyranosyl ester (12)

MA74562

Price On Application



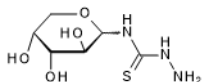
## D-Arabinopyranosyl thiosemicarbazide

- D-Arabinose (aminothioxomethyl)hydrazone
- N-D-arabinopyranosyl-hydrazinecarbothioamide

[262849-62-7] C<sub>6</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>S 223.25

Price On Application

MA00693



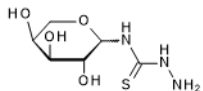
## L-Arabinopyranosyl thiosemicarbazide

- L-Arabinose (aminothioxomethyl)hydrazone
- N-L-arabinopyranosyl-hydrazinecarbothioamide

[262849-63-8] C<sub>6</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>S 223.25

Price On Application

MA00719



## D-Arabino-1,1'-(2,5-pyrazinediyl)di-1,2,3,4-butanetetrol

see *Fructosazine*, MF10551 on page 265

## 1-13C-L-Arabinose

[87-72-9 (unlabeled)] <sup>13</sup>CC<sub>4</sub>H<sub>10</sub>O<sub>5</sub> 151.13

MA158441

50mg	\$85.00
100mg	\$156.00
250mg	\$260.00

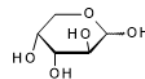


## D-Arabinose

[10323-20-3][28697-53-2] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MA02801

100g	\$40.00
250g	\$80.00
500g	\$150.00



Refs: Battaglia FC, Bruns PD, Behrman RE, et al, Am. J. Physiol. 1964, 207, p502; Berezovskii VM, Rodionova EP, Chem. Abstr. 1955, 49, p6838

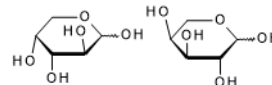


## DL-Arabinose

[147-81-9][20235-19-2] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.1

MA06854

100g	\$53.00
250g	\$90.00
500g	\$160.00



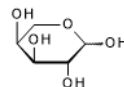
## L-Arabinose

- Pectinose
- L-Arabinopyranose

[87-72-9][5328-37-0] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MA02043

500g	\$55.00
1kg	\$80.00
2kg	\$150.00



Refs: Ahmed Z, Shimonishi T, Bhuiyan H, et al, J. Biosci. Bioeng. 1999, 88, p444; Jung ME, Xu Y, Tetrahedron Lett. 1997, 38, 34, p4199



**L-Arabinose - Syrup**

[5328-37-0]

MA16308

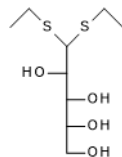
Price On Application

**D-Arabinose (aminothioxomethyl)hydrazone**see *D-Arabinopyranosyl thiosemicarbazide*, MA00693 on page 82**L-Arabinose (aminothioxomethyl)hydrazone**see *L-Arabinopyranosyl thiosemicarbazide*, MA00719 on page 82**L-Arabinose-BSA**

MA58618

2mg  
5mg\$95.34  
\$152.55**D-Arabinose diethyldithioacetal**[1941-50-0] C<sub>9</sub>H<sub>20</sub>O<sub>4</sub>S<sub>2</sub> 256.38

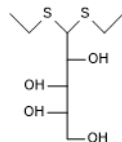
MA00696

1g  
5g  
10g\$157.50  
\$472.50  
\$840.00

Refs: Liptak M, Dinya Z, Sztaricskai FJ, et al, Org. Mass Spectrom. 27, 11, p1271

**L-Arabinose diethyldithioacetal**[43179-48-2] C<sub>9</sub>H<sub>20</sub>O<sub>4</sub>S<sub>2</sub> 256.38

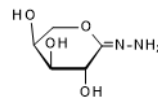
MA05246

1g  
5g  
10g\$147.00  
\$472.50  
\$840.00

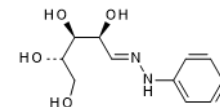
Refs: Liptak M, Dinya Z, Sztaricskai FJ, et al, Org. Mass Spectrom. 27, 11, p1271

**L-Arabinose hydrazone**[816-01-3] C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub> 162.14

MA05696

250mg  
500mg  
1g\$132.50  
\$210.00  
\$315.00**D-Arabinose phenylhydrazone**[28767-74-0] C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub> 240.26

MA16604

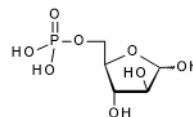
10mg  
25mg  
50mg\$139.80  
\$254.50  
\$462.00**b-L-Arabinose-1-phosphate**

MA58436

2mg  
5mg  
10mg\$131.32  
\$210.10  
\$336.20**D-Arabinose-5-phosphate**[13137-52-5] C<sub>5</sub>H<sub>11</sub>O<sub>8</sub>P 230.11

MA03841

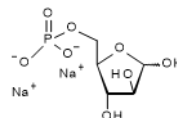
Price On Application



Refs: Dotson GD, Nanjappan P, Reilly MD, et al, Biochemistry 1993, 32, p12392

**D-Arabinose-5-phosphate disodium salt**[89927-09-3] C<sub>5</sub>H<sub>9</sub>Na<sub>2</sub>O<sub>8</sub>P 274.07

MA05068

1mg  
2mg  
5mg\$180.00  
\$220.00  
\$350.00

## Arabinotetra

**2-(D-Arabino-1',2',3',4'-tetrahydroxybutyl)-6-(D-erythro-2'',3'',4''-trihydroxybutyl)pyrazine**

see 2,6-Deoxyfructosazine, MD16679 on page 172

**2-(D-arabino-tetrahydroxybutyl)-5-(D-erythro-2,3,4-trihydroxybutyl)pyrazine**

see 2,5-Deoxyfructosazine, MD16678 on page 172

**2-(D-Arabino-tetrahydroxybutyl)-2R,4R-1,3-thiazolidine-4-carboxylic acid**

see 2-(D-Arabino-tetrahydroxybutyl)-4(R)-1,3-thiazolidine-4-carboxylic acid, MA06540 on page 84

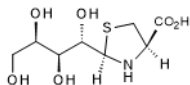
**2-(D-Arabino-tetrahydroxybutyl)-4(R)-1,3-thiazolidine-4-carboxylic acid**

- 2-(D-Arabino-tetrahydroxybutyl)-2R,4R-1,3-thiazolidine-4-carboxylic acid
- (2R,4R)-2-(D-Arabino-tetrahydroxybutyl)-1,3-thiazolidine-4-carboxylic acid

[110270-13-8] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub>S 253.27

MA06540

250mg	\$157.50
500mg	\$210.00
1g	\$367.50

**2-(L-Arabino-tetrahydroxybutyl)-4R,2R-1,3-thiazolidine-4-carboxylic acid**

see 2-(L-Arabino-tetrahydroxybutyl)-4(R)-1,3-thiazolidine-4-carboxylic acid, MA01034 on page 84

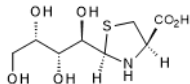
**2-(L-Arabino-tetrahydroxybutyl)-4(R)-1,3-thiazolidine-4-carboxylic acid**

- 2-(L-Arabino-tetrahydroxybutyl)-4R,2R-1,3-thiazolidine-4-carboxylic acid
- (2R,4R)-2-(L-Arabino-tetrahydroxybutyl)-1,3-thiazolidine-4-carboxylic acid

[59246-17-2] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub>S 253.27

MA01034

250mg	\$157.50
500mg	\$210.00
1g	\$367.50

**(2R,4R)-2-(D-Arabino-tetrahydroxybutyl)-1,3-thiazolidine-4-carboxylic acid**

see 2-(D-Arabino-tetrahydroxybutyl)-4(R)-1,3-thiazolidine-4-carboxylic acid, MA06540 on page 84

**(2R,4R)-2-(L-Arabino-tetrahydroxybutyl)-1,3-thiazolidine-4-carboxylic acid**

see 2-(L-Arabino-tetrahydroxybutyl)-4(R)-1,3-thiazolidine-4-carboxylic acid, MA01034 on page 84

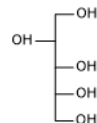
**D-Arabitol**

• D-Arabinitol

[488-82-4] C<sub>5</sub>H<sub>12</sub>O<sub>5</sub> 152.15

MA05805

50g	\$75.00
100g	\$130.00
250g	\$275.00



Refs: Reiner AM, J. Bacteriol. 1977, 132(1), 166-173; Urbansky M, Davis CE, Surjan JD, Org. Lett. 2004, Jan 8 6(1), 135-8; Isumori K, et al, J. Biosci. Bioeng. 1999, Vol88, No6, p676-678; Lakin MT, Mouhous-Riou N, Lorin C, et al, Carbohydr. Res. 1996, 290, 125

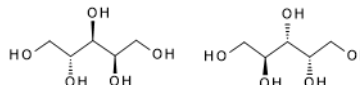
**DL-Arabitol**

• DL-Arabinitol

[2152-56-9][6018-27-5] C<sub>5</sub>H<sub>12</sub>O<sub>5</sub> 152.15

MA07031

100mg	\$80.00
250mg	\$190.00
500mg	\$350.00



Refs: Beilstein 1 (4)2832; Merck Index (14)762

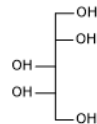
**L-Arabitol**

• L-Arabinitol

[7643-75-6] C<sub>5</sub>H<sub>12</sub>O<sub>5</sub> 152.15

MA05150

25g	\$70.00
50g	\$115.00
100g	\$190.00



Refs: Stradomska TJ, Bobula-Milewska B, Bauer A, J. Clin. Microbiol. 2005, Oct 43(10), 5351-4

**D-Arabonic acid**[13752-83-5] C<sub>5</sub>H<sub>10</sub>O<sub>6</sub> 166.13

MA15723

Price On Application

**L(-)-Arabonic acid calcium salt**

see Calcium-L(-)-arabonate tetrahydrate, MC70977 on page 134

**L(-)-Arabonic acid calcium salt**

see Calcium L(-)-arabonate tetrahydrate, MC70978 on page 134

**L(-)-Arabonic acid calcium salt tetrahydrate**

• Calcium-L(-)-arabonate

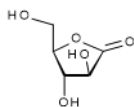
MA70976

Price On Application

**D-Arabonic acid-1,4-lactone**[2782-09-4] C<sub>5</sub>H<sub>6</sub>O<sub>5</sub> 148.11

MA09237

500mg	\$75.00
1g	\$115.00
2g	\$190.00

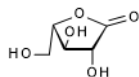
**L-Arabonic acid-1,4-lactone**

• L-Arabeto-1,4-lactone

[51532-86-6] C<sub>5</sub>H<sub>6</sub>O<sub>5</sub> 148.11

MA08295

100mg	\$75.00
250mg	\$125.00
500mg	\$225.00

**L-Arabeto-1,4-lactone**

see L-Arabonic acid-1,4-lactone, MA08295 on page 85

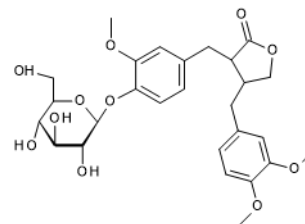
**Arctiin**

• 4-[(3,4-Dimethoxyphenyl)methyl]-3-[[4-(b-D-glucopyranosyloxy)-3-methoxyphenyl]methyl]dihydro-(3R,4R)-2(3H)-furanone

[20362-31-6] C<sub>27</sub>H<sub>34</sub>O<sub>11</sub> 534.55

MA08140

25mg	\$94.50
50mg	\$178.50
100mg	\$263.00



Refs: Z. Naturforsch, 1964, 19, p727

**Arillatose B**

see 6-O-Feruloylsucrose, MF11962 on page 259

**Arlace1 A**

see Mannide monooleate, MM30170 on page 354

**(1S,4aS,7S,7aS)-1-(b-D-Glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-7-hydroxy-7-methylcyclopenta[c]pyran-4-carboxaldehyde**

see Ixoroside, MI153289 on page 343

**3-[2-[(1R,4a,4aS,5R,8aS)-5-[(b-D-Glucopyranosyloxy)methyl]decanhydro-5,8a-dimethyl-2-methylene-1-naphthalenyl]ethyl]-2(5H)-furanone**

see Neoandrographolide, MN11576 on page 437

**(4aS,6R,8aS)-4a,5,9,10,11,12-Hexahydro-6-hydroxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-3-yl b-D-glucopyranosiduronic acid**

see O-Desmethyl galanthamine b-D-glucuronide, MD16689 on page 189

**(1aS,1bS,2S,5aR,6S,6aS)-1a,1b,2,5a,6,6a-hexahydro-6-[[4-hydroxybenzoyloxy]-1a-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-c]pyran-2-yl-b-D-glucopyranoside**

see Catalposide, MC06905 on page 138

**(1aS,1bS,2S,5aR,6S,6aS)-1a,1b,2,5a,6,6a-Hexahydro-6-hydroxy-1a-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-c]pyran-2-yl-b-D-glucopyranoside**

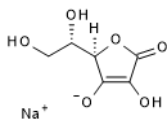
see Catalpol, MC08278 on page 138

**Ascorbic acid****L-Ascorbic acid acetonide**see *5,6-O-Isopropylidene-L-ascorbic acid*, *MI03487* on page 333**Ascorbic acid 2-glucoside**see *2-O-a-D-Glucopyranosyl-L-ascorbic acid*, *MG12858* on page 289**L(+)-Ascorbic acid sodium salt**

- Vitamin C sodium salt
- (+)-Sodium L-ascorbate

[134-03-2] C<sub>6</sub>H<sub>7</sub>NaO<sub>6</sub> 198.11

MA29975

1kg  
2kg  
5kg\$65.00  
\$120.00  
\$280.00**Asenapine N-b-D-glucuronide**C<sub>23</sub>H<sub>24</sub>ClNO<sub>7</sub> 461.89

MA29580

Price On Application



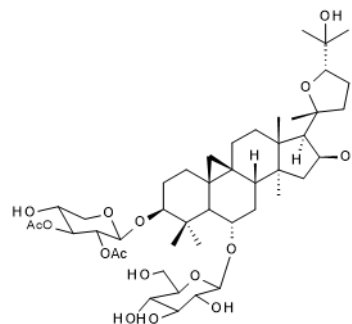
**(1R,3R,5Z)-5-[(2E)-2-[(1R,3aS,7aR)-Octahydro-1-[(1R,2E,4S)-5-hydroxy-1,4,5-trimethyl-2-hexen-1-yl]-7a-methyl-4H-inden-4-ylidene]ethylidene]-1,3-cyclohexanediol 25-b-D-glucuronide**

see *Paricalcitol 25-b-D-glucuronide*, *MP16829* on page 449**Aspirin-acyl-b-D-glucuronide**see *Acetylsalicylic acid-acyl-b-D-glucuronide*, *MA44743* on page 41

**(1S,4aR,5S,7aS)-1-4a,5,7a-Tetrahydro-5-hydroxy-7-(hydroxymethyl)cyclopenta[c]pyran-1-yl b-D-glucopyranoside**

see *Aucubin*, *MA08296* on page 87**Astragaline**see *Kaempferol 3-b-glucopyranoside*, *MK10036* on page 344**Astragaloside I**[84680-75-1] C<sub>45</sub>H<sub>72</sub>O<sub>16</sub> 869.04

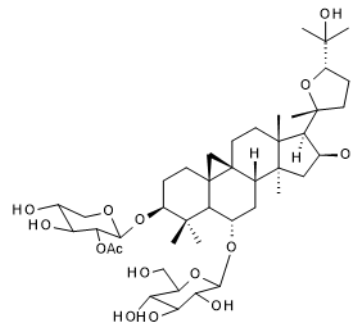
MA10037

1mg \$84.00  
2mg \$105.00  
5mg \$189.00**Astragaloside II**

- (3b,6a,16b,20R,24S)-3-[(2-O-Acetyl-b-D-xylopyranosyl)oxy]-20,24-Epoxy-16,25-dihydroxy-9,19-cyclolanostan-6-yl b-D-glucopyranoside
- Astrasieversianin VIII

[84676-89-1] C<sub>43</sub>H<sub>70</sub>O<sub>15</sub> 827.01

MA09407

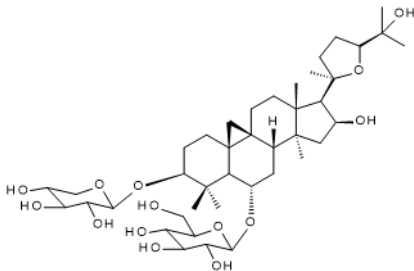
1mg \$84.00  
2mg \$105.00  
5mg \$189.00

**Astragaloside IV**

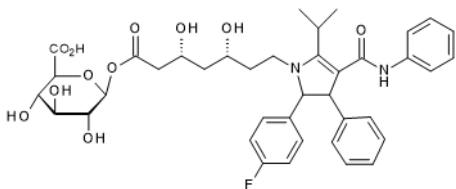
- Cyclosiversioside F
- (3b,6a,16b,24R)-20,24-Epoxy-16,26-dihydroxy-3-(b-D-xylopyranosyloxy)-9,19-cyclolanostan-6-yl b-D-glucopyranoside

[83207-58-3][84687-43-4] C<sub>41</sub>H<sub>68</sub>O<sub>14</sub> 784.97

MA08288	500mg	\$50.00
	1g	\$65.00
	2g	\$90.00

**Astrasieversianin VIII**see *Astragaloside II*, MA09407 on page 86**2-ATHBI**see *2-Acetyl-4-tetrahydroxybutyl imidazole*, MA61366 on page 42**Atorvastatin acyl-b-D-glucuronide**[463962-58-5] C<sub>38</sub>H<sub>45</sub>FN<sub>2</sub>O<sub>11</sub> 736.8

MA09602	1mg	\$262.50
	2mg	\$483.00
	5mg	\$840.00

**Atractylic acid dipotassium salt**see *Atractyloside dipotassium salt*, MA18026 on page 87**Atractylin (C30 glucoside)**see *Atractyloside dipotassium salt*, MA18026 on page 87**Atractyloside dipotassium salt**

- (2b,4a,15a)-15-Hydroxy-2-[[2-O-(3-methyl-1-oxobutyl)-3,4-di-O-sulfo-b-D-glucopyranosyl]oxy]-19-norkaur-16-en-18-oic acid dipotassium salt
- Atractylic acid dipotassium salt
- Atractylin (C30 glucoside)

[102130-43-8] C<sub>30</sub>H<sub>44</sub>K<sub>2</sub>O<sub>16</sub>S<sub>2</sub> 802.99

MA18026	1mg	\$40.00
	2mg	\$70.00
	5mg	\$150.00



Refs: Qin, Z.H. et al, J. Biol. Chem, 276, 8079 (2001); Chang, N.S. et al, J. Biol. Chem, 276, 3361 (2001); Ziegler, M. et al, J. Biol. Chem, 268, 25320 (1993); Marzo, I. et al, Science, 281, 2027 (2007)

**Atractyloside sodium salt**[100938-11-2] C<sub>30</sub>H<sub>44</sub>O<sub>16</sub>S<sub>2</sub>Na<sub>2</sub> 770.77

MA29759	1mg	\$105.00
	2mg	\$157.50
	5mg	\$262.50

**Atreleuton Glucuronide**C<sub>22</sub>H<sub>22</sub>FN<sub>2</sub>O<sub>8</sub>S 493.48

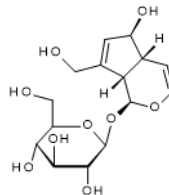
MA32170	1mg	\$3150.00
	2mg	\$4200.00
	5mg	\$7875.00

**Aucubin**

- (1S,4aR,5S,7aS)-1-4a,5,7a-Tetrahydro-5-hydroxy-7-(hydroxymethyl)cyclopenta[c]pyran-1-yl b-D-glucopyranoside

[479-98-1] C<sub>15</sub>H<sub>22</sub>O<sub>9</sub> 346.33

MA08296	10mg	\$55.00
	25mg	\$90.00
	50mg	\$140.00



Refs: Arch. Pharm, 1908, 246, p81



## AurobaninA

## Aurobanin A

see Delphinidin 3,5-diglucoside, MD44897 on page 161

## Australine

[118396-02-4]

MA45274

5mg	\$1250.00
10mg	\$1500.00
25mg	\$2375.00



## Australine hydrochloride

[186766-07-4][118396-02-4] C<sub>8</sub>H<sub>15</sub>NO<sub>4</sub>·HCl 225.67

MA14765

1mg	\$85.00
2mg	\$157.50
5mg	\$315.00



## (1R,2S,3R,4S,5R)-8-Azabicyclo[3.2.1]octane-1,2,3,4-tetrol

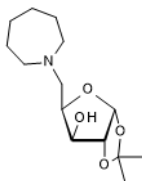
see Calystegine B2, MC03733 on page 135

## 5-Azepan-1-yl-5-deoxy-1,2-isopropylidene-α-D-xylofuranose

C<sub>14</sub>H<sub>25</sub>NO<sub>4</sub> 271.35

MA08086

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50



## 2-[(Azidoacetyl)amino]-2-deoxy-D-galactose

[869186-83-4]

MA32519

50mg	\$210.00
100mg	\$368.00
250mg	\$787.50



## 5-Azido-1-O-acetyl-2,3-di-O-benzyl-5-deoxy-6-hydroxy-β-D-xylopyranoside

[1331781-50-0]

MA46242

Price On Application



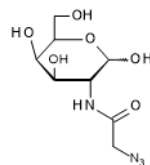
## N-Azidoacetyl galactosamine

• GalNAz

C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>6</sub> 262.22

MA30909

2mg	\$80.00
5mg	\$130.00
10mg	\$200.00



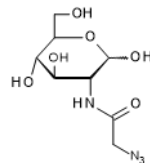
## N-Azidoacetyl glucosamine

• GlcNAz

C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>6</sub> 262.22

MA30911

2mg	\$60.00
5mg	\$105.00
10mg	\$170.00



## N-Azidoacetyl glucosamine tetraacetylated

see 1,3,4,6-Tetra-O-acetyl-N-azidoacetylglucosamine, MA46003 on page 515

## N-Azidoacetyl mannosamine

• ManNAz

[361154-23-6] C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>O<sub>6</sub> 262.22

MA46002

250mg	\$1250.00
500mg	\$1975.00
1g	\$2550.00

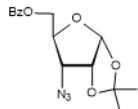




**9-Azido-N-acetylneuraminic acid**see *N-Acetyl-9-azido-9-deoxy-neuraminic acid*, MA30919 on page 29**3-Azido-5-O-benzoyl-3-deoxy-1,2-O-isopropylidene-a-D-ribofuranose**C<sub>15</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 319.31

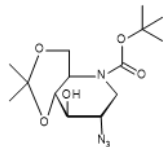
MA08750

Price On Application

**2-Azido-4,6-O-benzylidene-N-Boc-1,2,5-trideoxy-1,5-imino-D-glucitol**C<sub>14</sub>H<sub>24</sub>N<sub>4</sub>O<sub>5</sub> 328.36

MA04531

1mg	\$110.30
2mg	\$194.30
5mg	\$378.00

**1-Azido-2,4-O-benzylidene-butane-2,3,4-triol**

MA46625

Price On Application

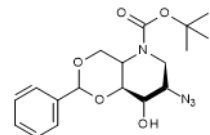
**2-Azido-4,6-O-benzylidene-N-(tert-butoxycarbonyl)-1,2,5-trideoxy-1,5-imino-D-glucitol**

• [2R-(2a,4a-a,7a,8b,8a-b)]-7-Azido-2-phenyl-5H-1,3-dioxino[5,4-b]pyridine-5-carboxylic acid 1,1-dimethylethyl ester

[133697-23-1] C<sub>18</sub>H<sub>24</sub>N<sub>4</sub>O<sub>5</sub> 376.41

MA16607

1mg	\$113.60
2mg	\$206.50
5mg	\$375.40

**O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-serine tert-Butyl Ester**

• O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-Fmoc-L-serine tert-Butyl Ester  
 • Fmoc-Ser[GalN3[46Bzd]-a]-OtBu

[878483-02-4] C<sub>35</sub>H<sub>38</sub>N<sub>4</sub>O<sub>9</sub> 658.7

MA60610

5mg	\$59.00
10mg	\$103.00
25mg	\$205.00

**O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-threonine tert-Butyl Ester**

• O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-Fmoc-L-threonine tert-Butyl Ester  
 • Fmoc-Thr[GalN3[46Bzd]-a]-OtBu

[195976-07-9] C<sub>36</sub>H<sub>40</sub>N<sub>4</sub>O<sub>9</sub> 672.72

MA60609

5mg	\$59.00
10mg	\$103.00
25mg	\$205.00

**O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-Fmoc-L-serine tert-Butyl Ester**see *O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-serine tert-Butyl Ester*, MA60610 on page 89**O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-Fmoc-L-threonine tert-Butyl Ester**see *O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-threonine tert-Butyl Ester*, MA60609 on page 89

## Azidobutyldi

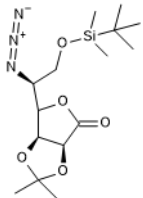
## 5-Azido-6-O-(tert-butyl dimethylsilyl)-2,3-O-isopropylidene L-gulonono-1,4-lactone

• 5-Azido-5-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2,3-O-(1-methylethylidene)-D-mannonic acid gamma-lactone

[118464-49-6] C<sub>15</sub>H<sub>27</sub>N<sub>3</sub>O<sub>5</sub>Si 357.48

MA16609

5mg \$140.00  
10mg \$254.50  
25mg \$463.00

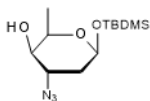


## 3-Azido-1-O-t-butyl dimethylsilyl-2,3,6-trideoxy-b-L-arabino-hexopyranose

C<sub>12</sub>H<sub>25</sub>N<sub>3</sub>O<sub>5</sub>Si 287.43

MA06639

Price On Application



Refs: J. Carbohydr. Res. 1990, No9, p873



## 6-Azido-6-deoxy-N-acetyl-D-galactosamine

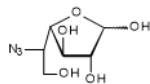
see 2-Acetamido-6-azido-2,6-dideoxy-D-galactopyranose, MA59802 on page 10

## 5-Azido-5-deoxy-L-altrofuranoose

C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MA07333

1mg \$89.30  
2mg \$168.00  
5mg \$262.50

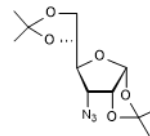


## 3-Azido-3-deoxy-1,2:5,6-di-O-isopropylidene-a-D-allofuranose

[21870-78-0] C<sub>12</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub> 285.3

MA31285

1g \$450.00  
2g \$640.00  
5g \$1250.00

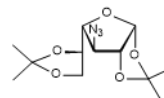


## 3-Azido-3-deoxy-1,2:5,6-di-O-isopropylidene-a-D-galactofuranose

[19131-08-9] C<sub>12</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub> 285.3

MA30409

100mg \$147.00  
250mg \$315.00  
500mg \$525.00

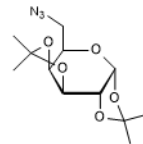


## 6-Azido-6-deoxy-1,2:3,4-di-O-isopropylidene-a-D-galactopyranose

[4711-00-6] C<sub>12</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub> 285.3

MA05440

50mg \$90.00  
100mg \$150.00  
250mg \$325.00

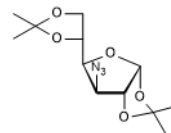


## 3-Azido-3-deoxy-1,2:5,6-di-O-isopropylidene-a-D-glucofuranose

[13964-23-3] C<sub>12</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub> 285.3

MA06630

50mg \$94.50  
100mg \$163.00  
250mg \$290.00



Refs: Marco-Contelles J, Jagerovic N, Alhambra C, J. Chem. Res. 1999, p680-681

## 5-Azido-5-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2,3-O-(1-methylethylidene)-D-mannonic acid gamma-lactone

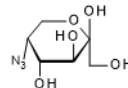
see 5-Azido-6-O-(tert-butyl dimethylsilyl)-2,3-O-isopropylidene L-gulonono-1,4-lactone, MA16609 on page 90

## 5-Azido-5-deoxy-D-fructose

[94801-02-2] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MA04534

2mg \$89.30  
5mg \$199.50  
10mg \$378.00

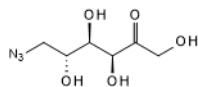


Refs: Izquierdo I, Plaza MT, Franco F, Tetrahedron Asymmetry 2002, No13, p1503-1508

**6-Azido-6-deoxy-D-fructose**[115827-10-6] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MA58244

5mg	\$115.00
10mg	\$190.00
25mg	\$375.00

**1-Azido-1-deoxy-b-D-galactopyranoside tetraacetate**

see 2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl azide, MT06612 on page 523

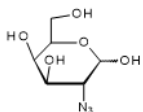
**2-Azido-2-deoxy-a-D-galactopyranuronic acid 1,3,4-triacetate methyl ester**

see 2-Azido-1,3,4-tri-O-acetyl-2-deoxy-D-galacturonide methyl ester, MA16606 on page 95

**2-Azido-2-deoxy-D-galactose**[68733-26-6] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MA03562

50mg	\$90.00
100mg	\$150.00
250mg	\$275.00

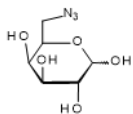


Refs: Kinzy W, Schmidt RR, Carbohydr. Res. 1987, 164, p265-76

**6-Azido-6-deoxy-D-galactose**[66927-03-5] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MA02618

50mg	\$60.00
100mg	\$100.00
250mg	\$175.00



Refs: Zsoldos-Mády V, Pintér I, Sándor P, et al, J. Carbohydr. Chem. 2001, Vol20, No7-8, p747-754

**6-Azido-6-deoxy-L-galactose**[70932-63-7] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MA08355

1mg	\$75.00
2mg	\$95.00
5mg	\$175.00

**1-Azido-1-deoxy-b-D-glucopyranoside**

see b-D-Glucopyranosyl azide, MG04243 on page 289

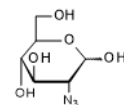
**1-Azido-1-deoxy-b-D-glucopyranoside tetraacetate**

see 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl azide, MT01035 on page 528

**2-Azido-2-deoxy-D-glucose**[56883-39-7] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MA02624

250mg	\$75.00
500mg	\$120.00
1g	\$210.00



Refs: Schmidt RR, Pure Appl. Chem. 1989, Vol61, No7, p1257-1270

**4-Azido-4-deoxy-D-glucose**[74593-35-4] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

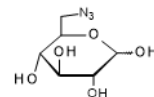
MA106335

1g	\$900.00
2g	\$1500.00
5g	\$2900.00

**6-Azido-6-deoxy-D-glucose**[20847-05-6] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MA02620

25mg	\$68.50
50mg	\$115.50
100mg	\$184.00

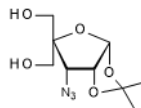


Refs: Biskup MB, Mueller JU, Weingart R, et al, Chem. Biochem. 2005, Vol6, Issue 6, p1007-1015

**3-Azido-3-deoxy-4-hydroxymethyl-1,2-O-isopropylidene-a-D-ribofuranose**[247025-10-1] C<sub>9</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 245.23

MA04533

50mg	\$100.00
100mg	\$184.00
250mg	\$425.00



Refs: Surzhykov S, et al, Nucleoside &amp; Nucleotides 1994, 13(10), 2283

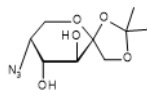
## Azidodeoxyis

## 5-Azido-5-deoxy-1,2-O-isopropylidene-b-D-fructose

[94801-01-1] C<sub>9</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 245.23

MA06753

5mg	\$99.80
10mg	\$183.80
25mg	\$367.50

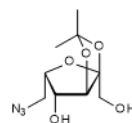


## 6-Azido-6-deoxy-2,3-O-isopropylidene-a-L-sorbofuranose

[126210-25-1] C<sub>9</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 245.24

MA09601

500mg	\$160.00
1g	\$262.50
2g	\$472.50

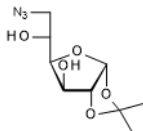


## 6-Azido-6-deoxy-1,2-O-isopropylidene-a-D-glucofuranose

[65371-16-6] C<sub>9</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 245.23

MA04583

50mg	\$89.50
100mg	\$158.00
250mg	\$290.00

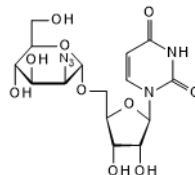


## 5'-O-(2-Azido-2-deoxy-D-mannopyranosyl)-uridine

[635293-07-1] C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>10</sub> 431.35

MA63095

Price On Application



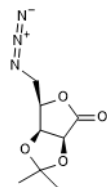
## 5-Azido-5-deoxy-2,3-O-isopropylidene-D-lyxono-1,4-lactone

• 5-Azido-5-deoxy-2,3-O-(1-methylethylidene)-D-lyxonic acid gamma-lactone

[122194-04-1] C<sub>8</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub> 213.19

MA16608

10mg	\$125.10
25mg	\$227.50
50mg	\$413.50



## 5-Azido-5-deoxy-2,3-O-(1-methylethylidene)-D-lyxonic acid gamma-lactone

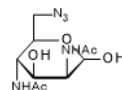
see 5-Azido-5-deoxy-2,3-O-isopropylidene-D-lyxono-1,4-lactone, MA16608 on page 92

## 6-Azido-2,4-diacetamido-2,4,6-trideoxy-D-mannopyranose

[1447950-85-7] C<sub>10</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 287.27

MA44869

Price On Application

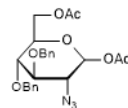


## 2-Azido-1,6-di-O-acetyl-3,4-di-O-benzyl-D-glucopyranoside

[136172-58-2]

MA46243

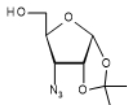
Price On Application



## 3-Azido-3-deoxy-1,2-O-isopropylidene-a-D-ribofuranose

MA08697

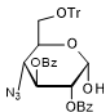
Price On Application



**4-Azido-2,3-di-O-benzoyl-4-deoxy-6-O-trityl-a-D-glucopyranoside**C<sub>39</sub>H<sub>33</sub>N<sub>3</sub>O<sub>7</sub> 655.7

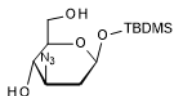
MA04547

Price On Application

**3-Azido-2,3-dideoxy-1-O-(tert-butylidimethylsilyl)-b-D-arabino-hexopyranose**[189454-43-1] C<sub>12</sub>H<sub>25</sub>N<sub>3</sub>O<sub>4</sub>Si 303.43

MA05019

10mg	\$47.30
25mg	\$79.00
50mg	\$136.50

**3-Azido-2,3-dideoxy-D-erythro-pentose**

see 3-Azido-2,3-dideoxy-D-ribose, MA03957 on page 93

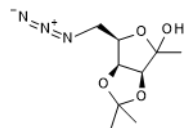
**6-Azido-1,6-dideoxy-3,4-O-isopropylidene-D-lyxo-2-hexulofuranose**

• 6-Azido-1,6-dideoxy-3,4-O-(1-methylethylidene)-D-tagatose

[122194-05-2] C<sub>9</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 229.23

MA16605

10mg	\$149.90
25mg	\$272.50
50mg	\$496.00

**6-Azido-1,6-dideoxy-3,4-O-(1-methylethylidene)-D-tagatose**

see 6-Azido-1,6-dideoxy-3,4-O-isopropylidene-D-lyxo-2-hexulofuranose, MA16605 on page 93

**3-Azido-2,3-dideoxy-D-ribose**

• 3-Azido-2,3-dideoxy-D-erythro-pentose

[138168-21-5]

MA03957

Price On Application



Refs: Jeong LS, Beach JW, Chu CK, J. HETEROCYCLIC CHEM. 1993

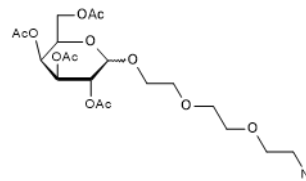
**1-[2-(2-Azidoethoxy)ethoxyethyl]-2,3,4,6-tetra-O-acetyl-D-galactopyranoside**

• 2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl PEG3-azide

[381716-33-2] C<sub>20</sub>H<sub>31</sub>N<sub>3</sub>O<sub>12</sub> 505.47

MA07052

500mg	\$160.00
1g	\$210.00
2g	\$314.00

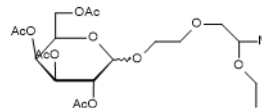
**2-[2-(2-Azidoethoxy)ethoxy]ethyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside**

see 2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl PEG3-azide, MT08604 on page 526

**2-[2-(2-Azidoethoxy)ethoxy]ethyl 2,3,4,6-tetra-O-acetyl-D-galactopyranoside**C<sub>20</sub>H<sub>31</sub>N<sub>3</sub>O<sub>12</sub> 505.48

MA07481

100mg	\$90.00
250mg	\$157.50
500mg	\$290.00



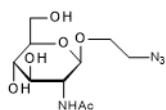
**Azidoethylac****2-Azidoethyl 2-acetamido-2-deoxy-b-D-glucopyranoside**

• Azidoethyl N-Acetyl-b-D-glucosaminide

[142072-12-6] C<sub>10</sub>H<sub>18</sub>N<sub>4</sub>O<sub>6</sub> 290.27

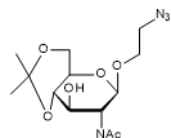
MA34872

50mg	\$131.50
100mg	\$210.00
250mg	\$395.00

**2-Azidoethyl 2-acetamido-2-deoxy-4,6-O-isopropylidene-b-D-glucopyranoside**C<sub>13</sub>H<sub>22</sub>N<sub>4</sub>O<sub>6</sub> 330.34

MA07532

Price On Application

**2-Azidoethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[142072-11-5] C<sub>16</sub>H<sub>24</sub>N<sub>4</sub>O<sub>9</sub> 416.38

MA46573

Price On Application

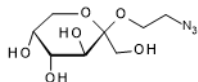
**Azidoethyl N-Acetyl-b-D-glucosaminide**

see 2-Azidoethyl 2-acetamido-2-deoxy-b-D-glucopyranoside, MA34872 on page 94

**2-Azidoethyl b-D-fructopyranoside**[99042-58-7] C<sub>8</sub>H<sub>15</sub>N<sub>3</sub>O<sub>6</sub> 249.3

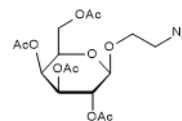
MA02672

10mg	\$65.00
25mg	\$110.00
50mg	\$172.50

**2-Azidoethyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside**[139888-80-5] C<sub>16</sub>H<sub>23</sub>N<sub>3</sub>O<sub>10</sub> 417.37

MA10046

50mg	\$49.00
100mg	\$75.00
250mg	\$145.00

**2-Azidoethyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside**[140428-81-5] C<sub>16</sub>H<sub>23</sub>N<sub>3</sub>O<sub>10</sub> 417.37

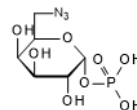
MA34873

1g	\$273.00
2g	\$462.00
5g	\$945.00

**6-Azido-a-D-galactose-1-dihydrogenphosphate**[1374984-64-1] C<sub>6</sub>H<sub>12</sub>N<sub>3</sub>O<sub>8</sub>P 285.15

MA58427

2mg	\$348.40
5mg	\$557.45
10mg	\$891.90

**2-Azido-b-D-glucose tetraacetate**

see 1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-b-D-glucopyranose, MT06641 on page 517

**[2R-(2a,4a-a,7a,8b,8a-b)]-7-Azidohexahydro-8-hydroxy-2-phenyl-5H-1,3-dioxino[5,4-b]pyridine-5-carboxylic acid 1,1-dimethylethyl ester**

see 2-Azido-4,6-O-benzylidene-N-(tert-butoxycarbonyl)-1,2,5-trideoxy-1,5-imino-D-glucitol, MA16607 on page 89

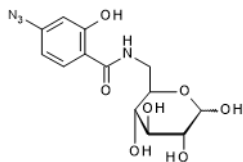
**6-(4-Azido-2-hydroxybenzamido)-6-deoxy-D-glucopyranose**

• N-(4-Azidosalicyl)-6-amido-6-deoxy-glucopyranose

[98897-09-7] C<sub>13</sub>H<sub>16</sub>N<sub>4</sub>O<sub>7</sub> 340.29

MA04492

1mg	\$210.00
5mg	\$630.00
10mg	\$1029.00

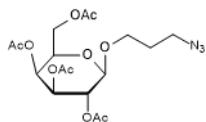


Refs: Shanahan MF, J. Biol. Chem. 1985, 260, 20, 10897

**3-Azidopropyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside**C<sub>17</sub>H<sub>25</sub>N<sub>3</sub>O<sub>10</sub> 431.39

MA10045

1g	\$500.00
2g	\$900.00
5g	\$2050.00

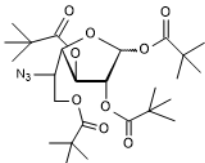
**N-(4-Azidosalicyl)-6-amido-6-deoxy-glucopyranose**

see 6-(4-Azido-2-hydroxybenzamido)-6-deoxy-D-glucopyranose, MA04492 on page 95

**5-Azido-1,2,3,6-tetra-O-pivaloyl-2-deoxy-D-galactofuranoside**C<sub>26</sub>H<sub>43</sub>N<sub>3</sub>O<sub>9</sub> 541.63

MA07334

1mg	\$89.30
2mg	\$157.50
5mg	\$262.50

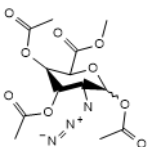
**2-Azido-1,3,4-tri-O-acetyl-2-deoxy-D-galacturonide methyl ester**

• 2-Azido-2-deoxy-a-D-galactopyranuronic acid 1,3,4-triacetate methyl ester

[81997-92-4] C<sub>13</sub>H<sub>17</sub>N<sub>3</sub>O<sub>9</sub> 359.29

MA16606

1mg	\$149.90
2mg	\$272.60
5mg	\$495.50

**1-Azido-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester**

see Methyl 2,3,4-tri-O-acetyl-b-D-glucopyranuronosyl azide, MM04012 on page 420

**2-Azido-3,4,6-tri-O-benzyl-2-deoxy-D-glucopyranose**

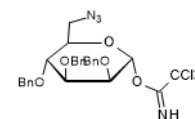
MA140544

5g	\$1600.00
10g	\$2350.00

**6-Azido-2,3,4-tri-O-benzyl-6-deoxy-a-D-mannopyranosyl trichloroacetimidate**C<sub>29</sub>H<sub>29</sub>Cl<sub>3</sub>N<sub>4</sub>O<sub>5</sub> 619.92

MA06214

250mg \$2000.00

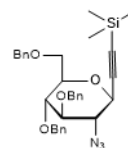
**2-Azido-3,4,6-tri-O-benzyl-1,2-dideoxy-1-ethynyl-b-D-glucopyranose**

see Anhydro-4-azido-5,6,8-tri-O-benzyl-1,2,4-trideoxy-D-glycero-D-gulo-oct-1-ynitol, MA30426 on page 70

**4-Azido-5,6,8-tri-O-benzyl-1,2,4-trideoxy-1-C-(trimethylsilyl)-D-gluco-oct-1-yn-3-ulopyranose**[443916-28-7] C<sub>32</sub>H<sub>37</sub>N<sub>3</sub>O<sub>4</sub>Si 555.74

MA34868

10mg	\$150.00
25mg	\$300.00
50mg	\$500.00



**Bacillithiol****Bacillithiol**

- BSH
- (2S)-2-[[[2-[[[(2R)-2-Amino-3-mercapto-1-oxopropyl]amino]-2-deoxy- $\alpha$ -D-glucopyranosyl]oxy]butanedioic acid trifluoroacetic acid salt

[1184928-91-3] C<sub>13</sub>H<sub>22</sub>N<sub>2</sub>O<sub>10</sub>S·CF<sub>3</sub>CO<sub>2</sub>H 512.41

MB58334

1mg	\$350.00
2mg	\$650.00
5mg	\$1300.00

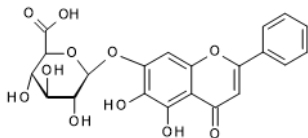
**BADIG**see *Benzyl 2-acetamido-2-deoxy-4,6-O-isopropylidene-b-D-glucopyranoside*, MB04622 on page 101**Baicalin**see *Baicalin 7-b-D-glucuronide*, MB08110 on page 96**Baicalin 7-b-D-glucuronide**

- Baicalin
- 5,6-Dihydroxy-4-oxygen-2-phenyl-4H-1-benzopyran-7-beta-D-glucuronide

[21967-41-9] C<sub>21</sub>H<sub>18</sub>O<sub>11</sub> 446.36

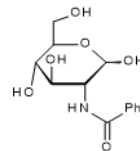
MB08110

5g	\$78.80
10g	\$126.00
25g	\$184.00

**Barbaloin**see *Aloin A*, MA76226 on page 53**7-b-D-Glucopyranosyl-9,10-dihydro-3,5,6,8-tetrahydroxy-1-methyl-9,10-dioxo-2-anthracenecarboxylic acid**see *Carminic acid*, MC30619 on page 138**Benzamide riboside**see *3-(1-Deoxyribofuranosyl)benzamide*, MD139021 on page 183**2-Benzamido-2-deoxy-D-glucopyranose**[61949-16-4] C<sub>13</sub>H<sub>17</sub>NO<sub>6</sub> 283.28

MB05320

2g	\$89.30
5g	\$168.00
10g	\$262.50

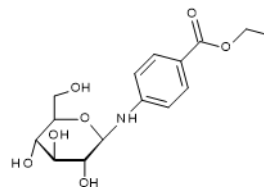


Refs: van de Kamp MF, Petersen H, Dev. 1957, 90, p521

**Benzocaine N-b-D-glucoside**[28315-50-6] C<sub>15</sub>H<sub>21</sub>NO<sub>7</sub> 327.33

MB08214

10mg	\$65.00
25mg	\$85.00
50mg	\$145.00

**Benzoic acid-acyl-b-D-glucuronide**

- Benzoyl-acyl-b-D-glucuronide
- E210-acyl-b-D-glucuronide

[19237-53-7] C<sub>13</sub>H<sub>14</sub>O<sub>8</sub> 298.25

MB44738

1mg	\$182.00
2mg	\$338.00
5mg	\$715.00

**1-O-Benzoyl-2,4-O-benzylidene-D-threitol**

MB46621

Price On Application

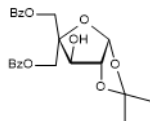
**1-(3-Benzoyl-a-methylbenzeneacetate)-b-D-glucopyranuronic acid**see *Ketoprofen acyl-b-D-glucuronide*, MK07236 on page 346



**9[(Benzoyloxy)methyl]-1-(b-D-glucopyranosyloxy)-4,8-epoxy-6-methyl-7-oxacyclo[4.3.0.0]nonane**see *Paeoniflorin*, MP08290 on page 448**Benzoyl-acyl-b-D-glucuronide**see *Benzoic acid-acyl-b-D-glucuronide*, MB44738 on page 96**5-O-Benzoyl-4-benzoyloxymethyl-1,2-O-isopropylidene-a-D-xylofuranose**C<sub>23</sub>H<sub>24</sub>O<sub>8</sub> 428.44

MB07250

500mg	\$80.00
1g	\$168.00
2g	\$262.50

**6-O-Benzoyl-3-O-tert-butylidiphenylsilyl-D-galactal**C<sub>29</sub>H<sub>32</sub>O<sub>5</sub>Si 488.65

MB04288

Price On Application

**6-O-Benzoyl-3-O-tert-butylidiphenylsilyl-D-glucal**

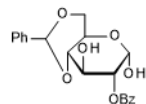
MB04316

Price On Application

**2-O-Benzoyl-4,6-O-benzylidene-a-D-glucopyranoside**C<sub>20</sub>H<sub>20</sub>O<sub>7</sub> 372.37

MB02644

250mg	\$315.00
500mg	\$555.00
1g	\$1039.50



Refs: Ota M, Takahashi K, Kofujita H, J. Wood Science 1998, Vol44, No4, p320-326

**5-O-Benzoyl-3-deoxy-1,2-O-isopropylidene-3C-methyl-a-D-ribofuranose**

MB15617

Price On Application

**6-O-Benzoyl-3-O-tert-butylidimethylsilyl-D-galactal**C<sub>19</sub>H<sub>28</sub>O<sub>5</sub>Si 364.51

MB04317

Price On Application

**1-O-Benzoyl-2,3:5,6-di-O-isopropylidene-D-talofuranose**[403604-98-8] C<sub>19</sub>H<sub>24</sub>O<sub>7</sub> 364.39

MB03820

5g	\$975.00
10g	\$1638.00
25g	\$3255.00

**6-O-Benzoyl-3-O-tert-butylidimethylsilyl-D-glucal**C<sub>19</sub>H<sub>28</sub>O<sub>5</sub>Si 364.51

MB04329

Price On Application

**6-O-Benzoyl-D-glucal**

[58871-05-9]

MB06079

Price On Application



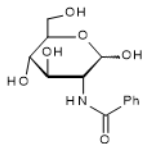
## Benzoylgluco

## N-Benzoyl-D-glucosamine

[655-42-5] C<sub>13</sub>H<sub>17</sub>NO<sub>6</sub> 283.28

MB03953

5g	\$84.00
10g	\$147.00
25g	\$231.00



Refs: Inouye Y, Onodera K, Kitaoka S, et al, J. Am. Chem. Soc. 1956, Vol78, 4722

## 5-O-Benzoyl-1,2-O-isopropylidene-3-deoxy-3-ethylidene-a-D-xylofuranoside

MB15514

Price On Application



## 5-O-Benzoyl-1,2-O-isopropylidene-3-keto-a-D-xylofuranoside

• 5-O-Benzoyl-1,2-O-(1-methylethylidene)pentofuranos-3-ulose

[6698-46-0] C<sub>15</sub>H<sub>16</sub>O<sub>6</sub> 292.28

MB15523

5g	\$600.00
10g	\$950.00
25g	\$1750.00



## Benzoyl 2,3-O-isopropylidene-D-lyxofuranoside

[110808-28-1] C<sub>15</sub>H<sub>18</sub>O<sub>6</sub> 294.3

MB159091

Price On Application



## Benzoyl 2,3-O-isopropylidene-L-ribofuranoside

[403605-00-5] C<sub>15</sub>H<sub>18</sub>O<sub>6</sub> 294.3

MB159092

Price On Application

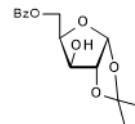


## 5-O-Benzoyl-1,2-O-isopropylidene-a-D-xylofuranose

C<sub>15</sub>H<sub>18</sub>O<sub>6</sub> 294.31

MB07482

1 g	\$63.00
2 g	\$105.00
5 g	\$210.00



## 5-O-Benzoyl-1,2-O-(1-methylethylidene)pentofuranos-3-ulose

see 5-O-Benzoyl-1,2-O-isopropylidene-3-keto-a-D-xylofuranoside, MB15523 on page 98

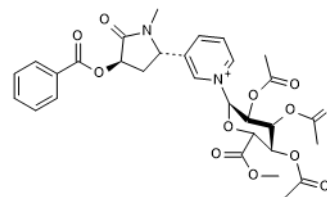
## trans-3'-Benzoyloxy cotinine 2,3,4-tri-O-acetyl-N-b-D-glucuronide methyl ester bromide

• (2S-trans)-3-[4-(Benzoyloxy)-1-methyl-5-oxo-2-pyrrolidinyl]-1-(2,3,4-tri-O-acetyl-6-methyl-b-D-glucopyranuronosyl)-pyridinium bromide

[146490-58-6] C<sub>30</sub>H<sub>33</sub>BrN<sub>2</sub>O<sub>12</sub> 693.49

MB16611

1mg	\$254.40
2mg	\$462.50
5mg	\$840.90

Br<sup>-</sup>

Refs: Byrd, G, et al, Drug Metab. Dispos, 20, 192 (1992)

## (2S-trans)-3-[4-(Benzoyloxy)-1-methyl-5-oxo-2-pyrrolidinyl]-1-(2,3,4-tri-O-acetyl-6-methyl-b-D-glucopyranuronosyl)-pyridinium bromide

see trans-3'-Benzoyloxy cotinine 2,3,4-tri-O-acetyl-N-b-D-glucuronide methyl ester bromide, MB16611 on page 98

**Benzoylpaeoniflorin**[38642-49-8] C<sub>30</sub>H<sub>32</sub>O<sub>12</sub> 584.57

MB31310

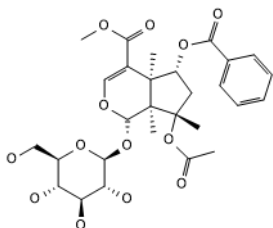
5mg	\$70.00
10mg	\$115.00
25mg	\$235.00

**6-O-Benzoylphlorigidoside B**

[1246012-24-7]

MB44345

Price On Application

**2'-Benzoylsalicin**see *Tremuloidin*, MT65927 on page 562**6'-Benzoylsalicin**see *Populin*, MP65932 on page 478**6-O-Benzoyl-3-O-triisopropylsilyl-D-galactal**C<sub>22</sub>H<sub>34</sub>O<sub>5</sub>Si 406.59

MB04296

Price On Application

**6-O-Benzoyl-3-O-triisopropylsilyl-D-glucal**C<sub>22</sub>H<sub>34</sub>O<sub>5</sub>Si 406.59

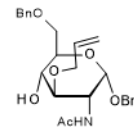
MB04285

Price On Application

**Benzyl 2-acetamido-3-O-allyl-6-O-benzyl-2-deoxy-a-D-glucopyranoside**[60920-82-3] C<sub>25</sub>H<sub>31</sub>NO<sub>6</sub> 441.52

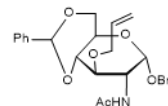
MB04596

250mg	\$125.00
500mg	\$210.00
1g	\$315.00

**Benzyl 2-acetamido-3-O-allyl-4,6-O-benzylidene-2-deoxy-a-D-glucopyranoside**[60920-72-1] C<sub>25</sub>H<sub>29</sub>NO<sub>6</sub> 439.5

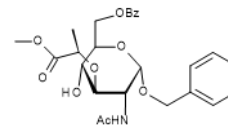
MB04620

250mg	\$125.00
500mg	\$210.00
1g	\$315.00

**Benzyl 2-acetamido-6-O-benzoyl-2-deoxy-a-D-muramic acid methyl ester**C<sub>26</sub>H<sub>31</sub>NO<sub>9</sub> 501.53

MB07393

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50



Refs: J. Biol. Chem, 1952, 194, p885; Ann. NT Acad. Sci, 1974, 235, p29; J. Am. Soc, 1963, 28, p2983

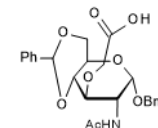
**Benzyl 2-acetamido-4,6-O-benzylidene-3-O-(carboxymethyl)-2-deoxy-a-D-glucopyranoside**

• Benzyl N-acetyl-4,6-O-benzylidene normuramic acid

[14595-22-3] C<sub>24</sub>H<sub>27</sub>NO<sub>8</sub> 457.47

MB06756

100mg	\$105.00
250mg	\$197.50
500mg	\$315.00



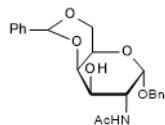
## Benzylacetam

## Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranoside

[3554-91-4] C<sub>22</sub>H<sub>25</sub>NO<sub>6</sub> 399.44

MB06757

25mg	\$175.00
50mg	\$250.00
100mg	\$390.00

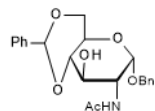


## Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-glucopyranoside

[13343-63-0] C<sub>22</sub>H<sub>25</sub>NO<sub>6</sub> 399.44

MB06543

1g	\$78.80
2g	\$150.00
5g	\$360.00

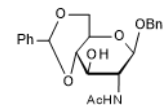


## Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside

[13343-61-8] C<sub>22</sub>H<sub>25</sub>NO<sub>6</sub> 399.44

MB04624

100mg	\$55.00
250mg	\$95.00
500mg	\$150.00

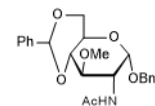


## Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-3-O-methyl-a-D-glucopyranoside

[116696-66-3] C<sub>23</sub>H<sub>27</sub>NO<sub>6</sub> 413.46

MB04613

5mg	\$94.50
10mg	\$157.50
25mg	\$315.00

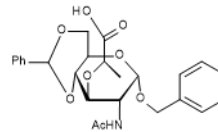


## Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-muramic acid

[2862-03-5] C<sub>25</sub>H<sub>29</sub>NO<sub>8</sub> 471.5

MB07395

50mg	\$94.50
100mg	\$184.00
250mg	\$420.00



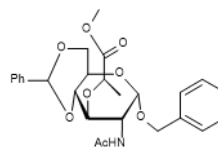
Refs: J. Biol. Chem, 1952, 194, p885; Ann. NY. Acad. Sci, 1974, 235, p29; J. Am. Chem. Sci, 1963, 28, p2983

## Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-muramic acid methyl ester

[104371-51-9] C<sub>26</sub>H<sub>31</sub>NO<sub>8</sub> 485.83

MB07394

25mg	\$89.50
50mg	\$168.00
100mg	\$263.00



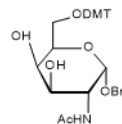
Refs: J. Biol. Chem, 1952, 194, p885; Ann. NY Acad. Sci, 1974, 235, p29; J. Am. Chem. Soc, 1963, 28, p2983

## Benzyl 2-acetamido-2-deoxy-6-O-DMT-a-D-galactopyranoside

C<sub>36</sub>H<sub>39</sub>NO<sub>8</sub> 613.7

MB04611

10mg	\$787.50
25mg	\$157.50
50mg	\$262.50

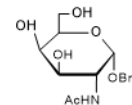


## Benzyl 2-acetamido-2-deoxy-a-D-galactopyranoside

[3554-93-6] C<sub>15</sub>H<sub>21</sub>NO<sub>6</sub> 311.33

MB04616

25mg	\$70.00
50mg	\$115.00
100mg	\$184.00



Refs: Huet G, et al, J. Cell Biol. 1998, 141, 1311; Kuan S-F, et al, J. Biol. Chem. 1989, 264, 19271

B

## Benzylacetam

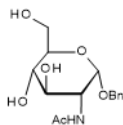
## Benzyl 2-acetamido-2-deoxy-a-D-glucopyranoside

• Benzyl D-GlcNAc

[13343-62-9] C<sub>15</sub>H<sub>21</sub>NO<sub>6</sub> 311.33

MB06656

250mg	\$45.00
500mg	\$55.00
1g	\$65.00



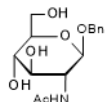
Refs: Altenbach M, Schnyder N, Zimmermann C, Imanidis G, International Journal of Pharmaceutics, 2006, 307, 2, p308

## Benzyl 2-acetamido-2-deoxy-b-D-glucopyranoside

[13343-67-4] C<sub>15</sub>H<sub>21</sub>NO<sub>6</sub> 311.33

MB01788

250mg	\$75.00
500mg	\$125.00
1g	\$195.00



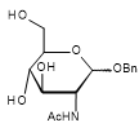
## Benzyl 2-acetamido-2-deoxy-D-glucopyranoside

• Benzyl D-GlcNAc

[3055-51-4] C<sub>15</sub>H<sub>21</sub>NO<sub>6</sub> 311.33

MB07903

1g	\$65.00
2g	\$110.00
5g	\$225.00

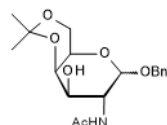


## Benzyl 2-acetamido-2-deoxy-4,6-O-isopropylidene-D-galactopyranoside

[75263-33-1] C<sub>18</sub>H<sub>25</sub>NO<sub>6</sub> 351.39

MB06105

25mg	\$125.00
50mg	\$180.00
100mg	\$295.00

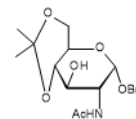


## Benzyl 2-acetamido-2-deoxy-4,6-O-isopropylidene-a-D-glucopyranoside

[66026-10-6] C<sub>18</sub>H<sub>25</sub>NO<sub>6</sub> 351.39

MB04607

500mg	\$105.00
1g	\$157.50
2g	\$262.50



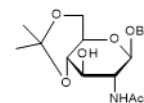
## Benzyl 2-acetamido-2-deoxy-4,6-O-isopropylidene-b-D-glucopyranoside

• BADIG

[50605-12-4] C<sub>18</sub>H<sub>25</sub>NO<sub>6</sub> 351.39

MB04622

100mg	\$79.00
250mg	\$157.50
500mg	\$210.00

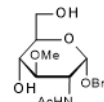


## Benzyl 2-acetamido-2-deoxy-3-O-methyl-a-D-glucopyranoside

[93215-41-9] C<sub>16</sub>H<sub>23</sub>NO<sub>6</sub> 325.36

MB04604

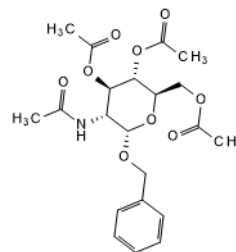
5mg	\$89.30
10mg	\$157.50
25mg	\$262.50



## Benzyl-2-acetamido-2-deoxy-3,4,6-tri-O-acetyl-a-D-glucopyranoside

Price On Application

MB44346



## Benzylacetam

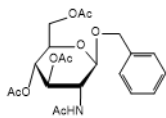
## Benzyl 2-acetamido-2-deoxy-3,4,6-tri-O-acetyl-b-D-glucopyranoside

• Phenylmethyl 2-(acetlamino)-2-deoxy-b-D-glucopyranoside 3,4,6-triacetate

[13343-66-3] C<sub>21</sub>H<sub>27</sub>NO<sub>8</sub> 437.44

MB16617

250mg	\$125.00
500mg	\$230.00
1g	\$413.00

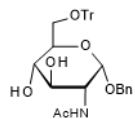


## Benzyl 2-acetamido-2-deoxy-6-O-trityl-a-D-glucopyranoside

[33493-71-9] C<sub>34</sub>H<sub>35</sub>NO<sub>8</sub> 553.64

MB06983

1g	\$42.00
2g	\$78.80
5g	\$157.50

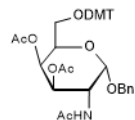


## Benzyl 2-acetamido-3,4-di-O-acetyl-2-deoxy-6-O-DMT-a-D-galactopyranoside

C<sub>40</sub>H<sub>43</sub>NO<sub>10</sub> 697.77

MB06813

10mg	\$84.00
25mg	\$184.00
50mg	\$315.00

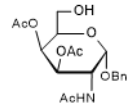


## Benzyl 2-acetamido-3,4-di-O-acetyl-2-deoxy-a-D-galactopyranoside

[55652-76-1] C<sub>19</sub>H<sub>25</sub>NO<sub>8</sub> 395.4

MB06101

5mg	\$94.50
10mg	\$157.50
25mg	\$262.50

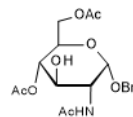


## Benzyl 2-acetamido-4,6-di-O-acetyl-2-deoxy-a-D-glucopyranoside

[67535-70-0] C<sub>19</sub>H<sub>25</sub>NO<sub>8</sub> 395.41

MB07123

Price On Application

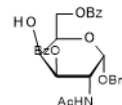


## Benzyl 2-acetamido-3,6-di-O-benzoyl-2-deoxy-a-D-galactopyranoside

[141019-70-7] C<sub>29</sub>H<sub>29</sub>NO<sub>8</sub> 519.54

MB04587

10mg	\$89.30
25mg	\$157.50
50mg	\$262.50

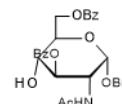


## Benzyl 2-acetamido-3,6-di-O-benzoyl-2-deoxy-a-D-glucopyranoside

[82827-77-8] C<sub>29</sub>H<sub>29</sub>NO<sub>8</sub> 519.54

MB05189

Price On Application



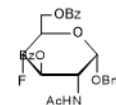
Refs: Gakko-Rodriguez C, et al, J. Org. Chem. 1996, 61, p1886-1889

## Benzyl 2-acetamido-3,6-di-O-benzoyl-2,4-dideoxy-4-fluoro-a-D-glucopyranoside

[290819-68-0] C<sub>29</sub>H<sub>28</sub>FNO<sub>7</sub> 521.53

MB04950

5mg	\$125.00
10mg	\$220.00
25mg	\$425.00



## Benzyl 2-acetamido-3,4-di-O-benzoyl-2-deoxy-a-D-galactopyranoside

MB31980

500mg	\$2800.00
1g	\$3500.00



B

**Benzyl 2-acetamido-3,6-di-O-benzyl-2-deoxy-a-D-glucopyranoside**

see 2-Acetamido-1,3,6-tri-O-benzyl-2-deoxy-a-D-glucopyranoside, MA04621 on page 25

**Benzyl 2-acetamido-3,6-di-O-benzyl-2-deoxy-b-D-glucopyranoside**

MB74775

250mg

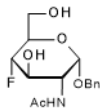
\$650.00

**Benzyl 2-acetamido-2,4-dideoxy-4-fluoro-a-D-glucopyranose**

• Phenylmethyl 2-(acetilamino)-2,4-dideoxy-4-fluoro-a-D-glucopyranoside

[290819-73-7] C<sub>18</sub>H<sub>20</sub>FNO<sub>5</sub> 313.32

MB04598

5mg  
10mg  
25mg\$150.00  
\$272.60  
\$496.00

Refs: Berkin A et.al, Carbohydr. Res, 2000, 326, p250

**1-Benzyl-4,6-O-acetamidogalactose**

MB00258

Price On Application

**Benzyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranoside**[141019-71-8] C<sub>21</sub>H<sub>27</sub>NO<sub>9</sub> 437.44

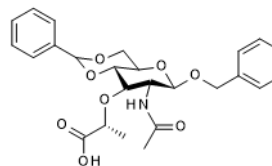
MB64853

25mg  
50mg  
100mg\$250.00  
\$375.00  
\$500.00**Benzyl N-acetyl-4,6-O-benzylidene-a-isomuramic acid**

• N-Acetyl-1-O-(phenylmethyl)-4,6-O-(phenylmethylene)-a-isomuramic acid

[730911-70-3] C<sub>28</sub>H<sub>29</sub>NO<sub>8</sub> 471.5

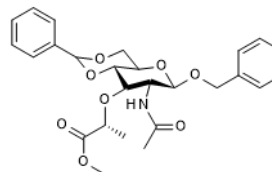
MB16622

50mg \$150.50  
100mg \$273.00  
250mg \$497.50

Refs: Gross, P, Liebigs Ann. Chem. 1, 37 (1986)

**Benzyl N-acetyl-4,6-O-benzylidene-a-isomuramic acid methyl ester**• N-Acetyl-1-O-(phenylmethyl)-4,6-O-(phenylmethylene)-a-isomuramic acid methyl ester  
• 2-Acetamido-4,6-O-benzylidene-3-O-(L-1-carboxyethyl)-2-deoxy-a-D-glucopyranoside benzyl methyl ester[104371-52-0] C<sub>28</sub>H<sub>31</sub>NO<sub>8</sub> 485.53

MB16623

10mg \$149.90  
25mg \$272.50  
50mg \$496.00

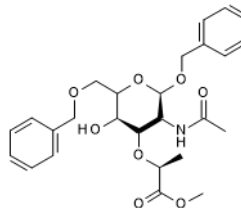
Refs: Gross, P, Liebigs Ann. Chem. 1, 37 (1986)

**Benzyl N-acetyl-4,6-O-benzylidene normuramic acid**

see Benzyl 2-acetamido-4,6-O-benzylidene-3-O-(carboxymethyl)-2-deoxy-a-D-glucopyranoside, MB06756 on page 99

**Benzyl N-acetyl-6-O-benzyl-a-D-muramic acid methyl ester**• N-Acetyl-1,6-bis-O-(phenylmethyl)-a-muramic acid methyl ester  
• (R)-Phenylmethyl 2-(acetilamino)-2-deoxy-3-O-(2-methoxy-1-methyl-2-oxoethyl)-6-O-(phenylmethyl)-a-D-glucopyranoside[107671-54-5] C<sub>28</sub>H<sub>33</sub>NO<sub>8</sub> 487.54

MB16624

5mg \$109.90  
10mg \$199.90  
25mg \$363.50

Refs: J. Biol. Chem, 194, 885, 1952; Ann. NY Acad. Sci, 235, 29-51 (1974); J. Am. Chem. Soc, 28, 2983 (1963)



## Benzyladenin

## N6-Benzyladenine-3-glucoside

• 6-Benzylamino-3-b-D-glucopyranosylpurine

[56159-41-2] C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 387.39

MB30213

1mg	\$270.00
2mg	\$420.00
5mg	\$925.00



## N6-Benzyladenine-7-glucoside

• 6-Benzylamino-7-b-D-glucopyranosylpurine

[56159-42-3] C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 387.39

MB30214

1mg	\$270.00
2mg	\$430.00
5mg	\$925.00



## Benzyl 5-Aldo-2,3-O-isopropylidene-a-D-mannopentenofuranoside

[102854-75-1] C<sub>15</sub>H<sub>18</sub>O<sub>5</sub> 278.3

MB04638

100mg	\$90.00
250mg	\$157.50
500mg	\$265.00



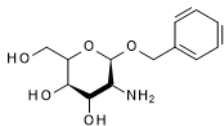
## Benzyl 2-amino-2-deoxy-a-D-galactopyranoside

• Phenylmethyl 2-amino-2-deoxy-a-D-galactopyranoside

[738518-26-8] C<sub>13</sub>H<sub>19</sub>NO<sub>5</sub> 269.29

MB16618

25mg	\$120.50
50mg	\$218.50
100mg	\$397.00

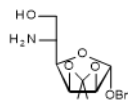


## Benzyl 5-amino-5-deoxy-2,3-O-isopropylidene-a-D-mannofuranoside

[91364-19-1] C<sub>16</sub>H<sub>23</sub>NO<sub>5</sub> 309.36

MB04582

5mg	\$99.80
10mg	\$189.00
25mg	\$367.50

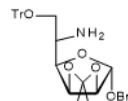


## Benzyl 5-amino-5-deoxy-2,3-O-isopropylidene-6-O-trityl-a-L-gulofuranoside

C<sub>35</sub>H<sub>37</sub>NO<sub>5</sub> 551.67

MB04614

5mg	\$89.30
10mg	\$168.00
25mg	\$341.50

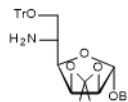


## Benzyl 5-amino-5-deoxy-2,3-O-isopropylidene-6-O-trityl-a-D-mannofuranoside

[91364-15-7] C<sub>35</sub>H<sub>37</sub>NO<sub>5</sub> 551.67

MB06103

5mg	\$99.80
10mg	\$189.00
25mg	\$367.50

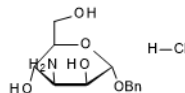


## Benzyl 3-amino-3-deoxy-a-D-mannopyranoside HCl

[172838-30-1] C<sub>13</sub>H<sub>19</sub>NO<sub>5</sub>·HCl 305.75

MB04609

100mg	\$100.00
250mg	\$185.00
500mg	\$370.00



## 6-benzylamino-3-b-D-glucopyranosylpurine

see N6-Benzyladenine-3-glucoside, MB30213 on page 104

## 6-Benzylamino-7-b-D-glucopyranosylpurine

see N6-Benzyladenine-7-glucoside, MB30214 on page 104

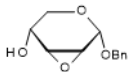
B



**Benzyl-2,3-anhydro- $\alpha$ -D-ribofuranoside**[61134-24-5] C<sub>12</sub>H<sub>14</sub>O<sub>4</sub> 222.24

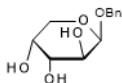
MB02529

Price On Application

**Benzyl  $\beta$ -D-arabinopyranoside**[5329-50-0][7473-38-3] C<sub>12</sub>H<sub>16</sub>O<sub>5</sub> 240.25

MB06714

500mg	\$80.00
1g	\$157.50
2g	\$262.50



Refs: Ballou CE, Roseman S, Link LP, J. Am. Chem. Soc. 1951, 73, p1140

**Benzyl  $\beta$ -L-arabinopyranoside**• Benzyl  $\beta$ -L-arabinopyranoside[7473-38-3] C<sub>12</sub>H<sub>16</sub>O<sub>5</sub> 240.25

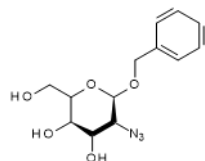
MB05959

500mg	\$80.00
1g	\$105.00
2g	\$157.50

**Benzyl  $\beta$ -L-arabinopyranoside**see *Benzyl  $\beta$ -L-arabinopyranoside*, MB05959 on page 105**Benzyl 2-azido-2-deoxy- $\alpha$ -D-galactopyranoside**• Phenylmethyl 2-azido-2-deoxy- $\alpha$ -D-galactopyranoside[166907-09-1] C<sub>13</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 295.29

MB16619

10mg	\$120.10
25mg	\$218.50
50mg	\$396.50



Refs: Vavasseur, F, et al, Glycobiol, 5, 351 (1995)

**Benzyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-2-N-phthalamido- $\alpha$ -D-glucopyranoside**

[191482-37-8]

MB46483

50g	\$2500.00
100g	\$3400.00

**Benzyl 3-O-benzyl-4,6-O-benzylidene- $\alpha$ -D-mannopyranoside**see *1,3-Di-O-benzyl-4,6-O-benzylidene- $\alpha$ -D-mannopyranoside*, MD10368 on page 201**Benzyl 6-O-benzyl 2-deoxy-3-O-((R)-1'-ethoxycarbonyl-ethyl)-2-(2,2,2-trichloroethoxycarbonylamino)- $\alpha$ -D-glucopyranoside**

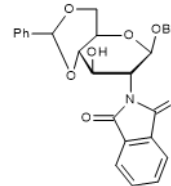
MB44913

Price On Application

**Benzyl 4,6-O-benzylidene-2-deoxy-2-phthalimido- $\beta$ -D-glucopyranoside**[80035-33-2] C<sub>28</sub>H<sub>25</sub>NO<sub>7</sub> 487.51

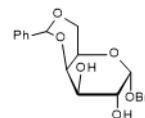
MB07409

1g	\$90.00
2g	\$150.00
5g	\$300.00

**Benzyl 4,6-O-benzylidene- $\alpha$ -D-galactopyranoside**[57783-86-5] C<sub>20</sub>H<sub>22</sub>O<sub>6</sub> 358.39

MB05218

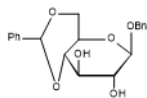
25mg	\$100.00
50mg	\$157.50
100mg	\$263.00



**Benzylbenzyl****Benzyl 4,6-O-benzylidene-β-D-glucopyranoside**[58006-32-9] C<sub>20</sub>H<sub>22</sub>O<sub>6</sub> 358.39

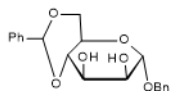
MB04627

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

**Benzyl 4,6-O-benzylidene-α-D-mannopyranoside**[40983-94-6] C<sub>20</sub>H<sub>22</sub>O<sub>6</sub> 358.39

MB04628

500mg	\$95.00
1g	\$178.50
2g	\$304.50

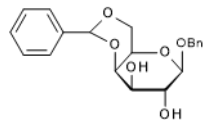


Refs: Lemanski G, Ziegler T, Helv. Chim. Acta 2000, 83, 10, p2676-2697

**Benzyl 4,6-O-benzylidene-β-D-galactopyranoside**[56341-65-2] C<sub>20</sub>H<sub>22</sub>O<sub>6</sub> 358.39

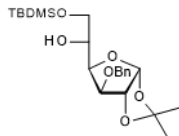
MB10373

50mg	\$84.00
100mg	\$158.00
250mg	\$342.50

**3-O-Benzyl-6-O-tert-butylidimethylsilyl-1,2-O-isopropylidene-α-D-glucofuranose**C<sub>22</sub>H<sub>36</sub>O<sub>6</sub>Si 424.6

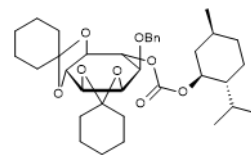
MB10315

Price On Application

**6-O-Benzyl-1-(-)-carboxymethyl-2,3:4,5-di-O-cyclohexylidene-L-myoinositol**[190513-80-5] C<sub>38</sub>H<sub>52</sub>O<sub>8</sub> 612.79

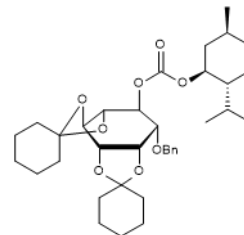
MB05088

Price On Application

**6-O-Benzyl-1-(-)-carboxymethyl-2,3:4,5-di-O-cyclohexylidene-D-myoinositol**[190513-83-8] C<sub>38</sub>H<sub>52</sub>O<sub>8</sub> 612.79

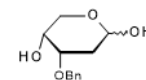
MB05735

500mg	\$1950.00
1g	\$2500.00
2g	\$4160.00

**3-O-Benzyl-2-deoxy-D-arabinopyranose**C<sub>12</sub>H<sub>16</sub>O<sub>4</sub> 224.25

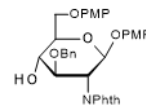
MB08076

Price On Application

**3-O-Benzyl-2-deoxy-1,6-di-O-methoxyphenyl-2-phthalimido-β-D-glucopyranoside**C<sub>35</sub>H<sub>33</sub>NO<sub>9</sub> 611.64

MB10914

1mg	\$94.50
2mg	\$178.50
5mg	\$420.00



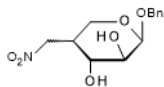
**4-Benzyl-4-deoxy-4-C-nitromethyl-b-D-arabinopyranoside**

• Benzyl 4-deoxy-4-C-nitromethyl-b-D-threo-pentopyranoside

[383173-66-8] C<sub>13</sub>H<sub>17</sub>NO<sub>6</sub> 283.28

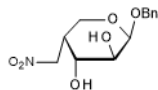
MB04594

1mg	\$89.30
2mg	\$168.00
5mg	\$262.50

**(4R)-Benzyl-4-deoxy-4-C-nitromethyl-b-D-arabinopyranoside**[383173-71-5] C<sub>13</sub>H<sub>17</sub>NO<sub>6</sub> 283.28

MB07401

1mg	\$89.30
2mg	\$168.00
5mg	\$262.50

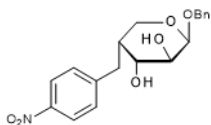
**Benzyl 4-deoxy-4-C-nitromethyl-b-D-threo-pentopyranoside**

see 4-Benzyl-4-deoxy-4-C-nitromethyl-b-D-arabinopyranoside, MB04594 on page 107

**(4R)-Benzyl-4-deoxy-4-C-nitrophenyl-b-D-arabinopyranoside**C<sub>19</sub>H<sub>21</sub>NO<sub>6</sub> 359.37

MB04437

5mg	\$262.50
10mg	\$420.00
25mg	\$703.50

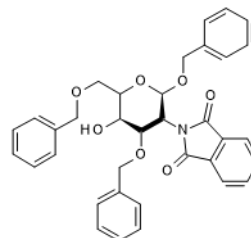
**Benzyl 2-deoxy-2-phthalimido-3,6-di-O-benzyl-b-D-glucopyranoside**

• Phenylmethyl 2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-3,6-bis-O-(phenylmethyl)-b-D-glucopyranoside

[80035-36-5] C<sub>35</sub>H<sub>33</sub>NO<sub>7</sub> 579.64

MB16620

5mg	\$95.00
10mg	\$165.00
25mg	\$315.00

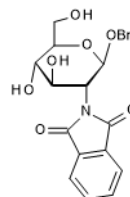


Refs: Hagihara, S, et al, J. Med. Chem, 48, 3126 (2005); Nakano, J, et al, Bioorg. Med. Chem. Lett, 16, 928 (2006)

**Benzyl 2-deoxy-2-phthalimido-b-D-glucopyranoside**[80035-32-1] C<sub>21</sub>H<sub>21</sub>NO<sub>7</sub> 399.39

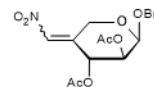
MB07404

1g	\$150.00
2g	\$250.00
5g	\$525.00

**Benzyl 2,3-di-O-acetyl-4-deoxy-4-C-nitromethylene-b-D-arabinopyranoside**[383173-63-5] C<sub>17</sub>H<sub>19</sub>NO<sub>8</sub> 365.33

MB06748

2mg	\$89.30
5mg	\$157.50
10mg	\$262.50

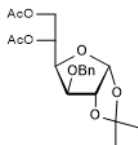


B

**Benzylidiacet****3-O-Benzyl-5,6-di-O-acetyl-1,2-O-isopropylidene-a-D-glucofuranose**[18006-25-2] C<sub>20</sub>H<sub>26</sub>NO<sub>8</sub> 394.43

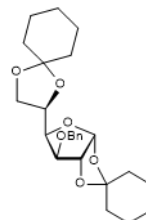
Price On Application

MB04623

**3-O-Benzyl-1,2:5,6-di-O-cyclohexylidene-a-D-glucofuranose**[13322-88-8] C<sub>25</sub>H<sub>34</sub>O<sub>6</sub> 430.53

Price On Application

MB03956

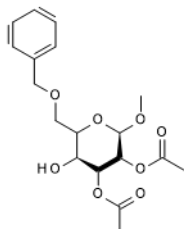
**6-O-Benzyl-2,3-di-O-acetyl-methyl-a-D-glucopyranoside**

• Methyl 6-O-(phenylmethyl)-a-D-glucopyranoside 2,3-diacetate

[162284-50-6] C<sub>18</sub>H<sub>24</sub>O<sub>8</sub> 368.38

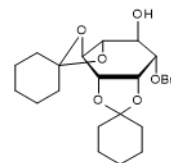
MB16626

100mg	\$95.00
250mg	\$185.00
500mg	\$350.00

**6-O-Benzyl-2,3:4,5-di-O-cyclohexylidene-D-myo-inositol**[124601-98-5] C<sub>26</sub>H<sub>34</sub>O<sub>6</sub> 442.54

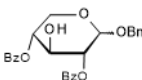
Price On Application

MB05080

**Benzyl 2,4-di-O-benzoyl-D-xylopyranoside**[18403-18-4] C<sub>26</sub>H<sub>24</sub>O<sub>7</sub> 448.46

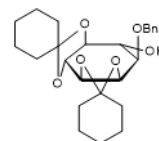
Price On Application

MB08299

**6-O-Benzyl-2,3:4,5-di-O-cyclohexylidene-L-myo-inositol**[129094-34-4] C<sub>25</sub>H<sub>34</sub>O<sub>6</sub> 430.53

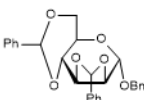
MB05077

10mg	\$262.50
25mg	\$420.00
50mg	\$630.00

**Benzyl 2,3:4,6-di-O-benzylidene-a-D-mannopyranoside**[58650-53-6] C<sub>27</sub>H<sub>26</sub>O<sub>6</sub> 446.49

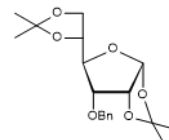
MB07413

500mg	\$95.00
1g	\$168.00
2g	\$262.50

**3-O-Benzyl-1,2:5,6-di-O-isopropylidene-a-D-allofuranose**[22331-21-1] C<sub>19</sub>H<sub>26</sub>O<sub>6</sub> 350.41

MB02837

10g	\$70.00
25g	\$125.00
50g	\$200.00

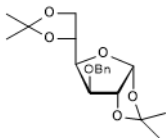


Refs: Shabana MAE, et.al, Carbohydr. Res, 1975, 45, p.105

**3-O-Benzyl-1,2:5,6-di-O-isopropylidene-a-D-glucofuranose**[18685-18-2] C<sub>19</sub>H<sub>26</sub>O<sub>6</sub> 350.41

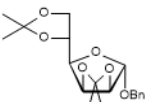
MB04263

5g	\$84.00
10g	\$157.50
25g	\$341.50

**Benzyl 2,3:5,6-di-O-isopropylidene-a-D-mannofuranoside**[20689-02-5] C<sub>19</sub>H<sub>26</sub>O<sub>6</sub> 350.41

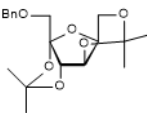
MB05177

250mg	\$75.00
1g	\$95.00
2g	\$180.00

**1-O-Benzyl-2,3:4,6-di-O-isopropylidene-a-L-sorbofuranoside**C<sub>19</sub>H<sub>26</sub>O<sub>6</sub> 350.41

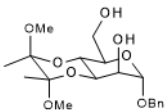
MB31549

Price On Application

**Benzyl 3,4-O-(2',3'-dimethoxybutane-2',3'-diyl)-a-D-mannopyranoside**C<sub>19</sub>H<sub>28</sub>O<sub>8</sub> 384.42

MB11021

25mg	\$45.00
50mg	\$70.00
100mg	\$120.00

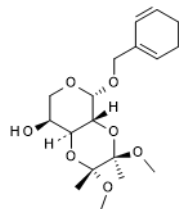
**Benzyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-b-D-arabinopyranoside**

• Phenylmethyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-b-D-arabinopyranoside

[887370-09-4] C<sub>18</sub>H<sub>26</sub>O<sub>7</sub> 354.39

MB16615

50mg	\$110.50
100mg	\$201.00
250mg	\$365.00

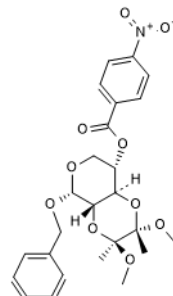
**Benzyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-4-nitrobenzoyl-a-L-xylopyranoside**

• Phenylmethyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-4-nitrobenzoyl-a-L-xylopyranoside

[1084896-42-3] C<sub>25</sub>H<sub>29</sub>NO<sub>10</sub> 503.5

MB16613

50mg	\$140.00
100mg	\$255.00
250mg	\$462.50



## Benzylidimeth

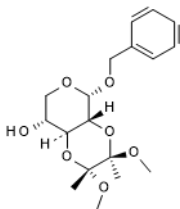
## Benzyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-a-L-xylopyranoside

• Phenylmethyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-a-L-xylopyranoside

[1084896-38-7] C<sub>18</sub>H<sub>26</sub>O<sub>7</sub> 354.39

MB16614

25mg \$120.50  
50mg \$218.50  
100mg \$397.00



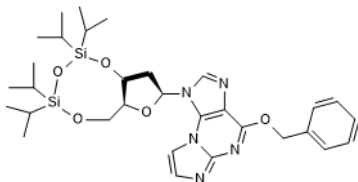
## O6-Benzyl-N2,3-etheno-2'-deoxy-3',5'-O-[tetrakis(isopropyl)-1,3-disiloxanediyl] guanosine

• 1-[2-Deoxy-3,5-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediyl]-b-D-erythro-pentofuranosyl]-4-(phenylmethoxy)-1H-imidazo[2,1-b]purine

[148437-94-9] C<sub>31</sub>H<sub>45</sub>N<sub>5</sub>O<sub>5</sub>Si<sub>2</sub> 623.89

MB16630

1mg \$227.20  
2mg \$413.00  
5mg \$750.80



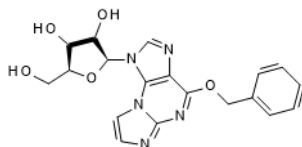
## O6-Benzyl-N2,3-etheno guanosine

• 4-(Phenylmethoxy)-1-b-D-ribofuranosyl-1H-imidazo[2,1-b]purine

[108060-84-0] C<sub>19</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 397.38

MB16629

5mg \$140.00  
10mg \$254.50  
25mg \$463.00



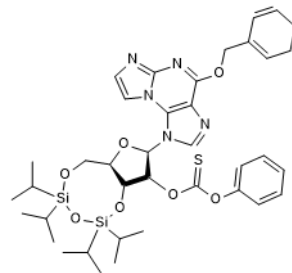
## O6-Benzyl-N2,3-etheno-2'-phenoxythioxomethyl-3',5'-O-[tetrakis(isopropyl)-1,3-disiloxanediyl] guanosine

• 1-[2-O-(Phenoxythioxomethyl)-3,5-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediyl]-b-D-ribofuranosyl]-4-(phenylmethoxy)-1H-imidazo[2,1-b]purine

[148437-93-8] C<sub>38</sub>H<sub>49</sub>N<sub>5</sub>O<sub>7</sub>Si<sub>2</sub> 776.06

MB16631

5mg \$109.90  
10mg \$199.90  
25mg \$363.50

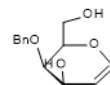


## 4-O-Benzyl-D-galactal

[157380-76-2] C<sub>13</sub>H<sub>16</sub>O<sub>4</sub> 236.26

MB07468

Price On Application



## Benzyl b-D-galactopyranoside

MB138574

1g \$250.00  
2g \$400.00  
5g \$750.00



## Benzyl D-GlcNAc

see Benzyl 2-acetamido-2-deoxy-a-D-glucopyranoside, MB06656 on page 101

## Benzyl D-GlcNAc

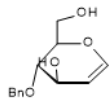
see Benzyl 2-acetamido-2-deoxy-D-glucopyranoside, MB07903 on page 101

## 4-O-Benzyl-D-glucal

[58871-11-7] C<sub>13</sub>H<sub>16</sub>O<sub>4</sub> 236.26

MB04213

25mg	\$89.50
50mg	\$168.00
100mg	\$315.00



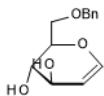
Refs: Traub S, Kubasch N, Morath S, Kresse M, Hartung T, J Biol Chem, 2004, 279, 10, p8694

## 6-O-Benzyl-D-glucal

[165524-85-6] C<sub>13</sub>H<sub>16</sub>O<sub>4</sub> 236.26

MB07124

50mg	\$89.50
100mg	\$158.00
250mg	\$315.00

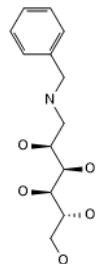


## N-Benzyl-D-glucamine

[74410-48-3]

Price On Application

MB44347

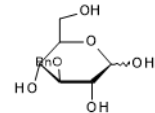


## 3-O-Benzyl-D-glucopyranose

[10230-17-8] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB07125

500mg	\$80.00
1g	\$130.00
2g	\$240.00

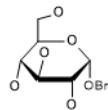


## Benzyl α-D-glucopyranoside

[4304-12-5] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB08360

100mg	\$53.00
250mg	\$105.00
500mg	\$185.00

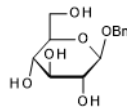


## Benzyl β-D-glucopyranoside

[4304-12-5][124492-59-7] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB05178

500mg	\$105.00
1g	\$157.50
2g	\$294.00



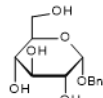
Refs: Kurashima K, Fujii M, Ida Y, Akita H, VP Statement, 2003, 26, 1, p87

## Benzyl D-glucopyranoside

[34246-23-6] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB04519

100mg	\$86.00
250mg	\$140.00
500mg	\$210.00



Refs: Ballou C.E, Roseman S, Link K.P, Journ. Am. Che. Soc. 1951 73, p1140

## Benzyl β-D-glucopyranosiduronic acid

[5285-02-9] C<sub>13</sub>H<sub>16</sub>O<sub>7</sub> 284.26

MB158660

50mg	\$75.00
100mg	\$120.00
250mg	\$200.00

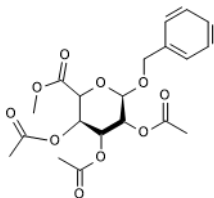


**Benzylglucop****Benzyl b-D-glucopyranosiduronic acid methyl ester triacetate**

- Phenylmethyl b-D-glucopyranosiduronic acid methyl ester triacetate
- Benzyl 2,3,4-tri-O-acetyl b-D-glucopyranosiduronic acid methyl ester

[3080-47-5] C<sub>20</sub>H<sub>24</sub>O<sub>10</sub> 424.4

MB16625	100mg	\$112.00
	250mg	\$202.50
	500mg	\$370.00

**2-O-Benzyl-D-glucose**[41897-85-2] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB159128	5g	\$3750.00
	10g	\$5900.00

**6-O-Benzyl-D-glucose**[22170-16-7] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

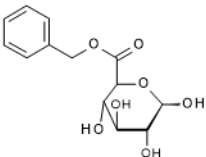
MB159130	5g	\$3000.00
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**Benzyl D-glucuronate**

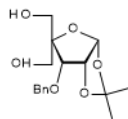
- Glucuronic acid benzyl ester
- D-Glucuronic acid phenylmethyl ester

[135970-30-8] C<sub>13</sub>H<sub>16</sub>O<sub>7</sub> 284.26

MB07246	25mg	\$95.00
	50mg	\$150.00
	100mg	\$290.00

**3-O-Benzyl-4-(hydroxymethyl)-1,2-O-isopropylidene-a-D-ribofuranose**[63593-03-3] C<sub>16</sub>H<sub>22</sub>O<sub>6</sub> 310.34

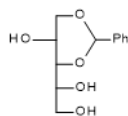
MB05163	1g	\$60.00
	2g	\$100.00
	5g	\$175.00

**4,6-O-Benzylidene-N-acetyl-D-galactosamine**

see 2-Acetamido-4,6-O-benzylidene-2-deoxy-D-galactopyranose, MA04491 on page 11

**1,3-O-Benzylidene-D-arabitol**[70831-50-4] C<sub>12</sub>H<sub>16</sub>O<sub>5</sub> 240.25

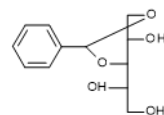
MB06853	5g	\$157.50
	10g	\$262.50
	25g	\$577.50



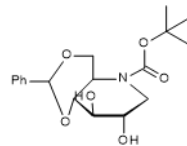
Refs: Brown SS, Timmis GM, J. Chem. Soc, 1961, p3656; Haskins WT, et.al, JACS, 1943, 65, p1663

**1,3-O-Benzylidene-L-arabitol**C<sub>12</sub>H<sub>16</sub>O<sub>5</sub> 240.26

MB08455	5g	\$210.00
	10g	\$315.00
	25g	\$525.00

**4,6-O-Benzylidene-N-Boc-1,5-imino-D-glucitol**[133697-16-2] C<sub>18</sub>H<sub>25</sub>NO<sub>6</sub> 351.39

MB04632	5mg	\$89.30
	10mg	\$168.00
	25mg	\$336.00

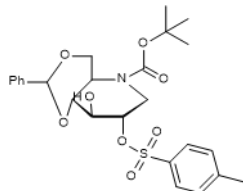




**4,6-O-Benzylidene-N-Boc-2-O-p-toluenesulfonyl-1,5-imino-D-glucitol**C<sub>25</sub>H<sub>31</sub>NO<sub>6</sub>S 505.58

MB04630

5mg	\$89.30
10mg	\$168.00
25mg	\$336.00

**1,3-O-Benzylidene-4-O-DMT-D-threitol**

MB46623

Price On Application

**1,3-O-Benzylidene-L-erythritol**

[117122-84-6]

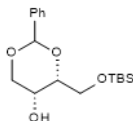
MB137340

Price On Application

**1,3-O-Benzylidene-4-O-t-butyl-dimethylsilyl-D-threitol**[652979-92-5] C<sub>17</sub>H<sub>28</sub>O<sub>4</sub>Si 324.49

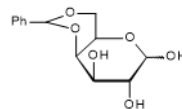
MB46624

Price On Application

**4,6-O-Benzylidene-D-galactose**[3006-41-5] C<sub>13</sub>H<sub>16</sub>O<sub>6</sub> 268.26

MB05038

1g	\$300.00
2g	\$500.00
5g	\$875.00

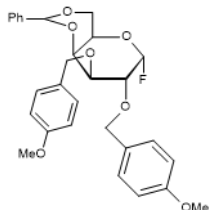


Refs: Janssen S, Schmidt R, J. Carbohydr. Chem. 2005, Vol24, No4-6, p611-647

**4,6-O-Benzylidene-2,3-di-O-(4-methoxybenzyl)-a-D-galactopyranosyl fluoride**C<sub>29</sub>H<sub>31</sub>FO<sub>7</sub> 510.55

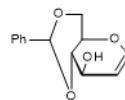
MB05252

50mg	\$100.00
100mg	\$158.00
250mg	\$315.00

**4,6-O-Benzylidene-D-glucal**[63598-36-7][14125-70-3] C<sub>13</sub>H<sub>14</sub>O<sub>4</sub> 234.25

MB05321

1g	\$50.00
2.5g	\$112.50
5g	\$200.00



Refs: Chambers DJ, Evans GR, Fairbanks AJ, Tetrahedron: Asymmetry 2003, 14, p1767

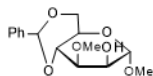
**4,6-O-Benzylidene-1,3-di-O-methyl-a-D-mannopyranoside**

• Methyl 4,6-benzylidene-3-O-methyl-a-D-mannopyranoside

[52260-48-7] C<sub>15</sub>H<sub>20</sub>O<sub>6</sub> 296.32

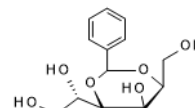
MB06128

500mg	\$135.00
1g	\$204.80
2g	\$388.50

**2,4-O-Benzylidene-D-glucitol**[61340-09-8] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.3

MB06852

2g	\$57.80
5g	\$94.50
10g	\$168.00



Refs: Kuzmann J, Medgyes G, Boros S., Carbohydr. Res, 2004,339, 14, p2407 ; Brecknell DJ, et al, Aus. J. Chem, 1976, 29, p1859



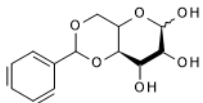
**Benzylideneg****4,6-O-Benzylidene-D-glucopyranose**

- 4,6-O-(Phenylmethylene)-D-glucopyranose
- 4,6-O-Benzylidene-glucopyranose

[97232-16-1] C<sub>13</sub>H<sub>16</sub>O<sub>6</sub> 268.26

MB16628

25g	\$85.00
50g	\$150.00
100g	\$275.00

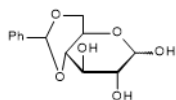
**4,6-O-Benzylidene-glucopyranose**

see 4,6-O-Benzylidene-D-glucopyranose, MB16628 on page 114

**4,6-O-Benzylidene-D-glucose**[30688-66-5][97232-16-1] C<sub>13</sub>H<sub>16</sub>O<sub>6</sub> 268.26

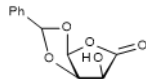
MB03806

25g	\$85.00
50g	\$150.00
100g	\$275.00

**3,5-O-Benzylidene-D-lyxono-1,4-lactone**C<sub>11</sub>H<sub>10</sub>O<sub>5</sub> 222.2

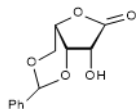
MB08722

Price On Application

**3,5-O-Benzylidene-L-lyxono-1,4-lactone**C<sub>11</sub>H<sub>10</sub>O<sub>5</sub> 222.2

MB08723

Price On Application

**4,6-O-Benzylidene-D-mannose**C<sub>13</sub>H<sub>16</sub>O<sub>6</sub> 268.26

MB74816

1g	\$350.00
2g	\$500.00
5g	\$1000.00

**4,6-O-Benzylidene methyl-α-D-glucopyranoside**

see Methyl 4,6-O-benzylidene-α-D-glucopyranoside, MM05176 on page 381

**1,3-Benzylidene-2-(tetraacetylglucosido)glycerol**

see 2,3,4,6-Tetra-O-acetyl-β-D-glucopyranosyl (1,3-benzylidene)glycerol, MT16867 on page 528

**2,4-O-Benzylidene-D-threitol**

MB46614

Price On Application

**2,4-O-Benzylidene-D-Threose**

[6195-62-6]

MB46613

Price On Application

**2,4-O-Benzylidene-1-O-tosyl-D-threitol**

MB46615

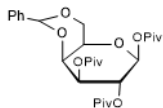
Price On Application



**4,6-O-Benzylidene-1,2,3-tri-O-pivaloyl-b-D-galactopyranose**C<sub>28</sub>H<sub>40</sub>O<sub>9</sub> 520.63

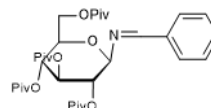
MB08720

Price On Application

**N-Benzylidenimino 2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>33</sub>H<sub>49</sub>NO<sub>9</sub> 603.74

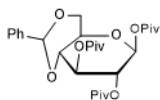
MB08440

Price On Application

**4,6-O-Benzylidene-1,2,3-tri-O-pivaloyl-b-D-glucopyranose**[174465-15-7] C<sub>28</sub>H<sub>40</sub>O<sub>9</sub> 520.63

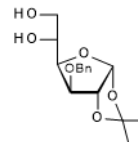
MB08721

Price On Application

**3-O-Benzyl-1,2-O-isopropylidene-a-D-glucufuranose**[22529-61-9] C<sub>18</sub>H<sub>22</sub>O<sub>6</sub> 310.34

MB06106

5g	\$70.00
10g	\$105.00
25g	\$210.00

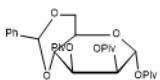


Refs: Uryu T, Kitano K, Matsuzaki K, J. Polym. Sci. Polym. Chem. 20, 8, p2181

**4,6-O-Benzylidene-1,2,3-tri-O-pivaloyl-a-D-mannopyranose**C<sub>28</sub>H<sub>40</sub>O<sub>9</sub> 520.61

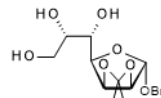
MB08719

Price On Application

**Benzyl 2,3-O-isopropylidene-L-glycero-a-D-mannoheptofuranoside**[105592-29-8] C<sub>17</sub>H<sub>24</sub>O<sub>7</sub> 340.37

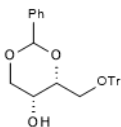
MB06766

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50

**1,3-O-Benzylidene-4-O-trityl-D-threitol**C<sub>30</sub>H<sub>28</sub>O<sub>4</sub> 452.54

MB46622

Price On Application

**3-O-Benzyl-1,2-O-isopropylidene-b-L-lyxofuranose**

• 1,2-O-(1-Methylethylidene)-3-O-(phenylmethyl)-b-L-lyxofuranose

[34370-91-7] C<sub>15</sub>H<sub>20</sub>O<sub>5</sub> 280.32

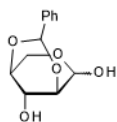
MB29297

Price On Application

**2,4-O-Benzylidene-L-xylose**[30608-02-7] C<sub>12</sub>H<sub>14</sub>O<sub>5</sub> 238.24

MB06850

2g	\$84.00
5g	\$147.00
10g	\$262.50

**Benzyl 2,3-O-isopropylidene-a-D-lyxo-hexofuranosid-5-ulose**see *Benzyl 2,3-O-isopropylidene-6-O-trityl-5-keto-a-D-mannofuranose*, MB04634 on page 116

Refs: Kuszmann J, Podanyi B, Carbohydr. Res, 1992, 225, 2, p247

## Benzylisopro

## 5-O-Benzyl-2,3-O-isopropylidene-L-lyxonic acid-1,4-lactone

MB29867

Price On Application

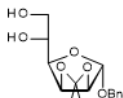


## Benzyl 2,3-O-isopropylidene-a-D-mannofuranoside

[20689-03-6] C<sub>16</sub>H<sub>22</sub>O<sub>6</sub> 310.34

MB04631

250mg	\$60.00
500mg	\$95.00
1g	\$149.50



Refs: Hanaya T, Yamamoto H, Helv. Chim. Acta 85, 9, p2608



## 3-O-Benzyl-1,2-O-isopropylidene-4-C-[(methanesulfonyloxy)methyl]-5-O-methanesulfonyl-a-D-erythro-pentofuranoside

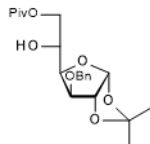
see 3-O-Benzyl 4-C-(methanesulfonyloxymethyl)-5-O-methanesulfonyl-1,2-O-isopropylidene-a-D-ribofuranose, MB05268 on page 118

## 3-O-Benzyl-1,2-O-isopropylidene-6-O-pivaloyl-a-D-glucufuranose

[321380-09-0] C<sub>21</sub>H<sub>30</sub>O<sub>7</sub> 394.46

MB59540

500mg	\$80.00
1g	\$140.00
2g	\$240.00

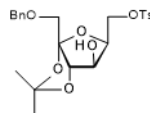


## 1-O-Benzyl-2,3-O-isopropylidene-6-O-tosyl-a-L-sorbofuranoside

[1459288-93-7] C<sub>23</sub>H<sub>28</sub>O<sub>6</sub>S 464.53

MB31548

Price On Application

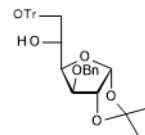


## 3-O-Benzyl-1,2-O-isopropylidene-6-O-trityl-a-D-glucufuranose

[21090-86-8] C<sub>35</sub>H<sub>36</sub>O<sub>6</sub> 552.66

MB10322

Price On Application



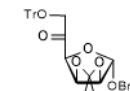
## Benzyl 2,3-O-isopropylidene-6-O-trityl-5-keto-a-D-mannofuranose

• Benzyl 2,3-O-isopropylidene-a-D-lyxo-hexofuranosid-5-ulose

[91364-12-4] C<sub>35</sub>H<sub>34</sub>O<sub>6</sub> 550.64

MB04634

10mg	\$99.80
25mg	\$189.00
50mg	\$325.50



## Benzyl 2,3-O-isopropylidene-6-O-trityl-5-keto-a-D-mannofuranoside 5-oxime

• Benzyl 2,3-O-isopropylidene-6-O-trityl-a-D-lyxo-hexofuranoside-5-ulose oxime

[91364-14-6] C<sub>35</sub>H<sub>35</sub>NO<sub>6</sub> 565.66

MB04615

5mg	\$105.00
10mg	\$189.00
25mg	\$315.00



## Benzyl 2,3-O-isopropylidene-6-O-trityl-a-D-lyxo-hexofuranoside-5-ulose oxime

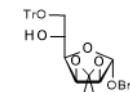
see Benzyl 2,3-O-isopropylidene-6-O-trityl-5-keto-a-D-mannofuranoside 5-oxime, MB04615 on page 116

## Benzyl 2,3-O-isopropylidene-6-O-trityl-a-D-mannofuranose

[91364-11-3] C<sub>35</sub>H<sub>36</sub>O<sub>6</sub> 552.66

MB04633

25mg	\$100.00
50mg	\$189.00
100mg	\$326.00



**3-O-Benzyl-1,2-O-isopropylidene-a-D-xylo-dialdose**

see 3-O-Benzyl-1,2-O-isopropylidene-a-D-xylopentodialdo-1,4-furanose, MB03825 on page 117

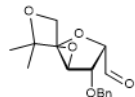
**3-O-Benzyl-1,2-O-isopropylidene-a-D-xylopentodialdo-1,4-furanose**

• 3-O-Benzyl-1,2-O-isopropylidene-a-D-xylo-dialdose

[23558-05-6] C<sub>16</sub>H<sub>20</sub>O<sub>5</sub> 292.33

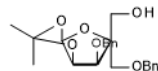
MB03825

250mg	\$262.50
500mg	\$420.00
1g	\$630.00

**3-O-Benzyl-1,2-O-isopropylidene-4-C-(phenylmethoxy)methyl-b-L-lyxofuranose**[153186-10-8] C<sub>23</sub>H<sub>28</sub>O<sub>6</sub> 400.46

MB32521

250mg	\$80.00
500mg	\$145.00
1g	\$245.00

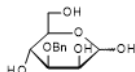
**4-O-Benzyl - manno-Cerny epoxide**

see 1,6,2,3-Dianhydro-4-O-benzyl-b-D-mannopyranose, MD46637 on page 196

**3-O-Benzyl-a-D-mannopyranose**[65877-63-6] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB05718

100mg	\$132.00
250mg	\$200.00
500mg	\$380.00

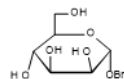


Refs: Ross AJ, Ivanova IA, Ferguson MAJ, et al, Perkin 1, 2001

**Benzyl a-D-mannopyranoside**[15548-45-5] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB04663

500mg	\$65.00
1g	\$99.80
2g	\$189.00



Refs: Patroni JJ, Stick RV, Skelton BW, et al, Aus. J. Chem. 41, p91

**2-O-Benzyl-D-mannose**

MB159141

Price On Application

**3-O-Benzyl-D-mannose**[65926-00-3] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB159142

Price On Application

**4-O-Benzyl-D-mannose**C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB159143

Price On Application

**6-O-Benzyl-D-mannose**C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MB159144

Price On Application



## Benzylmethan

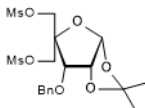
3-O-Benzyl 4-C-(methanesulfonyloxymethyl)-5-O-methanesulfonyl-1,2-O-isopropylidene- $\alpha$ -D-ribofuranose

• 3-O-Benzyl-1,2-O-isopropylidene-4-C-[(methanesulfonyloxy)methyl]-5-O-methanesulfonyl- $\alpha$ -D-erythro-pentofuranoside

[293751-01-6] C<sub>18</sub>H<sub>26</sub>O<sub>10</sub>S<sub>2</sub> 466.53

MB05268

5g \$60.00  
10g \$110.00  
25g \$250.00

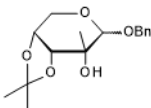


## 1-O-Benzyl-2C-methyl-3,4-isopropylidene-D-ribofuranoside

[569661-37-6] C<sub>18</sub>H<sub>22</sub>O<sub>5</sub> 294.35

Price On Application

MB02574

Benzyl (methyl 2,3,4-tri-O-benzyl- $\alpha$ -D-glucopyranosid)uronate

see Methyl 2,3,4-tri-O-benzyl- $\alpha$ -D-glucuronide benzyl ester, MM04936 on page 426

Benzyl (methyl 2,3,4-tri-O-benzyl- $\beta$ -D-glucopyranosid)uronate

see Methyl 2,3,4-tri-O-benzyl- $\beta$ -D-glucuronide benzyl ester, MM04945 on page 426

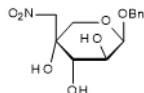
Benzyl 4-C-nitromethyl- $\beta$ -D-arabinopyranoside

• Phenylmethyl 4-C-(Nitromethyl)- $\beta$ -D-arabinopyranoside

[383173-64-6] C<sub>13</sub>H<sub>17</sub>NO<sub>7</sub> 299.28

MB04506

5mg \$89.30  
10mg \$168.00  
25mg \$262.50



## (1R,2S,3S,5R)-5-Benzyloxy-3-(tert-butylidimethylsilyloxy)-2-hydroxymethyl cyclohexanol

MB09254

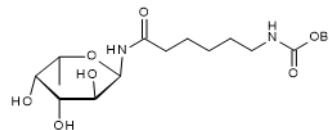
Price On Application

N-[(e-Benzyloxycarbonylamino)caproyl]- $\beta$ -L-fucopyranosylamine

C<sub>20</sub>H<sub>30</sub>N<sub>2</sub>O<sub>7</sub> 410.46

MB04503

5mg \$89.30  
10mg \$168.00  
25mg \$262.50



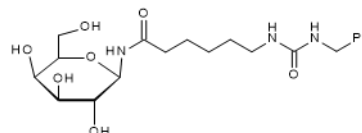
Refs: Biochem. Biophys. Acta 1972, 264, p171

N-[(e-N-Benzyloxycarbonylamino)caproyl]- $\beta$ -D-galactopyranosylamine

C<sub>20</sub>H<sub>31</sub>N<sub>3</sub>O<sub>7</sub> 425.48

MB04505

2mg \$105.00  
5mg \$105.00  
10mg \$189.00



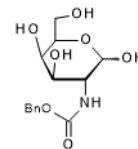
Refs: Indian J. Biochem. Biophys. 1985, 22(4), 244; Chem. Pharm. Bull. 1982, 30(5), 1753

## 2-(Benzyloxycarbonylamino)-2-deoxy-D-galactose

C<sub>14</sub>H<sub>19</sub>NO<sub>7</sub> 313.3

MB06895

100mg \$45.00  
250mg \$70.00  
500mg \$110.00



## 2-(Benzyloxycarbonylamino)-2-deoxy-D-glucose

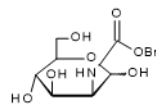
see N-Cbz-D-glucosamine, MC06896 on page 139

## 2-(Benzyloxycarbonylamino)-2-deoxy-D-mannose

C<sub>14</sub>H<sub>19</sub>NO<sub>7</sub> 313.31

MB07416

50mg \$89.50  
100mg \$168.00  
250mg \$262.50



**2-(Benzyloxycarbonylamino)ethoxyethoxy 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-galactopyranoside**

see 2-Acetamido-3,4,6-tri-O-acetyl-1-O-[(N-Cbz-aminoethoxy)ethoxy]-2-deoxy-b-D-galactopyranose, MA137616 on page 21

**(S)-3-((3aR,5R,6S,6aR)-6-(Benzyloxy)-2,2-dimethyltetrahydrofuro[2,3-d][1,3]dioxol-5-yl)propane-1,2-diol**

[871347-98-7]

MB45373

Price On Application

**3-(Benzyloxy)estra-1,3,5(10)-trien-17b-yl-b-D-glucopyranosiduronic acid methyl ester triacetate**

see 17b-Estradiol 3-O-benzyl 17-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester), ME16716 on page 238

**3-(Benzyloxy)-17b-(b-D-glucopyranuronosyloxy)-estra-1,3,5(10)-triene methyl ester triacetate**

see 17b-Estradiol 3-O-benzyl 17-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester), ME16716 on page 238

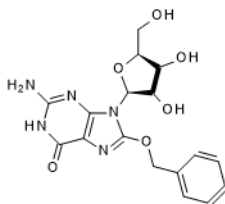
**8-(Benzyloxy)guanosine**

- 8-(Phenylmethoxy)guanosine
- NSC 90391

[3868-36-8] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub> 389.36

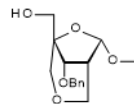
MB16633

50mg	\$90.00
100mg	\$150.00
250mg	\$325.00

**(1S,3S,4R,8S)-8-Benzyloxy-1-hydroxymethyl-3-methoxy-2,6-dioxabicyclo[3,2,1]octane**[226214-50-2] C<sub>15</sub>H<sub>20</sub>O<sub>5</sub> 280.32

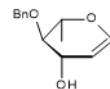
MB10613

10g \$4500.00

**4-O-Benzyl-L-rhamnal**[117249-16-8] C<sub>13</sub>H<sub>16</sub>O<sub>3</sub> 220.27

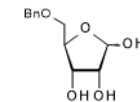
MB07469

100mg	\$50.00
250mg	\$95.00
500mg	\$175.00

**5-O-Benzyl-D-ribose**[72369-89-2] C<sub>12</sub>H<sub>16</sub>O<sub>5</sub> 240.25

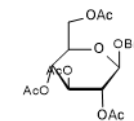
MB04512

100mg	\$75.00
250mg	\$120.00
500mg	\$195.00

**Benzyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside**[10343-13-2] C<sub>21</sub>H<sub>26</sub>O<sub>10</sub> 438.43

MB06107

500mg	\$140.00
1g	\$175.00
5g	\$650.00



Refs: Vonhoff S, Heightman TD, Vasella A, Helv. Chim. Acta 1998, Vol81, Issue 9, p1710-1725

**Benzyl (1,2,3,4-tetra-O-acetyl-b-D-glucopyranosyl)uronate**

see 1,2,3,4-Tetra-O-acetyl-b-D-glucuronide benzyl ester, MT08106 on page 532

**2-O-Benzyl-1,3,4,6-tetra-O-acetyl-a-D-mannopyranose**

see 1,3,4,6-Tetra-O-acetyl-2-O-benzyl-a-D-mannopyranose, MT04635 on page 518

**Benzyltetraa****3-O-Benzyl-1,2,4,6-tetra-O-acetyl- $\alpha$ -D-mannopyranose**see 1,2,4,6-Tetra-O-acetyl-3-O-benzyl- $\alpha$ -D-mannopyranose, MT04639 on page 517

B

**Benzyl-2,3,3,6-tetra-O-acetyl- $\alpha$ -D-glucopyranoside**

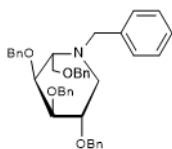
MB46583

Price On Application

**N-Benzyl-2,3,4,6-tetra-O-benzyl-1,5-dideoxy-imino-L-iditol**[151963-95-0] C<sub>41</sub>H<sub>42</sub>NO<sub>4</sub> 613.8

MB07249

2mg	\$89.30
5mg	\$168.00
10mg	\$315.00

**3-O-Benzyl-1-thiophenyl-L-iduronic acid**

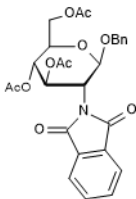
MB63299

Price On Application

**Benzyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside**[80035-31-0] C<sub>27</sub>H<sub>27</sub>NO<sub>10</sub> 525.52

MB07403

1g	\$89.30
2g	\$168.00
5g	\$262.50

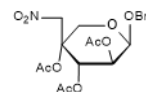
**Benzyl 2,3,4-tri-O-acetyl b-D-glucopyranosiduronic acid methyl ester**

see Benzyl b-D-glucopyranosiduronic acid methyl ester triacetate, MB16625 on page 112

**Benzyl 2,3,4-tri-O-acetyl-4-nitromethyl-b-D-arabinopyranose**[383173-65-7] C<sub>19</sub>H<sub>23</sub>NO<sub>10</sub> 425.39

MB04641

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50

**Benzyl 2,3,4-tri-O-benzyl-b-D-glucopyranoside**

see 1,2,3,4-Tetra-O-benzyl-b-D-glucopyranoside, MT04645 on page 547

**Benzyl (2,3,4-tri-O-benzyl-D-glucopyranosyl)uronate**

see 2,3,4-Tri-O-benzyl-D-glucuronide benzyl ester, MT08103 on page 584

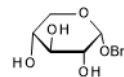
**Benzyl 2,3,4-tri-O-benzyl-D-glucuronate**

see 2,3,4-Tri-O-benzyl-D-glucuronide benzyl ester, MT08103 on page 584

**Benzyl 2,3,4-tri-O-benzyl- $\alpha$ -D-mannopyranoside**see 1,2,3,4-Tetra-O-benzyl- $\alpha$ -D-mannopyranoside, MT06725 on page 549**Benzyl  $\alpha$ -D-xylopyranoside**[18403-12-8] C<sub>12</sub>H<sub>16</sub>O<sub>5</sub> 240.25

MB07956

5g	\$131.30
10g	\$199.50
20g	\$315.00

**Benzyl b-D-xylopyranoside**

• Phenylmethyl b-D-xylopyranoside

[10548-61-5] C<sub>12</sub>H<sub>16</sub>O<sub>5</sub> 240.25

MB16414

10g	\$2310.00
25g	\$4200.00
50g	\$5775.00

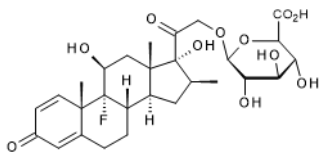




**Betamethasone b-D-glucuronide**[744161-79-3] C<sub>28</sub>H<sub>37</sub>FO<sub>11</sub> 568.6

MB09510

1mg	\$236.30
2mg	\$420.00
5mg	\$735.00

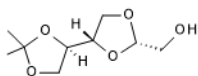
**BGIT**

see 2,3,4,6-Tetra-O-benzoyl-b-D-glucopyranosyl isothiocyanate, MT05028 on page 542

**(2S, 4S, 4'R) [4,4'-bi-1,3-dioxolane]-2-methanol-2,2'-dimethyl**[145354-78-5] C<sub>9</sub>H<sub>16</sub>O<sub>5</sub> 204.22

MM44925

Price On Application

**Bilirubin acyl-b-D-glucuronide - Mixture of monoglucuronides**[874448-90-5] C<sub>39</sub>H<sub>44</sub>N<sub>4</sub>O<sub>12</sub> 760.79

MB45230

Price On Application

**Biochanin A b-D-glucuronide**[38482-76-7] C<sub>22</sub>H<sub>20</sub>O<sub>11</sub> 460.39

MB16376

1mg	\$75.00
2mg	\$120.00
5mg	\$227.50

**5,7-Bis(acetylamino)-3,5,7,9-tetra-deoxy-L-glycero-alpha-L-manno-2-nonulopyranosonic acid**

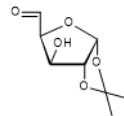
see Pseudaminic acid, MP07650 on page 483

**Bis-(5-aldo-1,2-O-isopropylidene-D-xylo-pentofuranose) 5,5':3',5-Cyclic acetal**

- 5-aldo-1,2-O-isopropylidene-D-xylo-pentofuranose dimer
- 1,2-O-Isopropylidene-α-D-xylo-pentodialdo-1,4-furanose dimer

MB05729

100mg	\$65.00
250mg	\$95.00
500mg	\$155.00

**1,3-Bis-(1,6-anhydro-2,3-O-isopropylidene-b-D-mannopyranose-4-ylxylo)-2-propylamine**

see 2-Amino-1,3-bis(1,6-anhydro-2,3-O-isopropylidene-b-D-mannopyranose-4-O-yl)-propane, MA04494 on page 55

**1,3:2,4-Bis(O-benzylidene)-D-sorbitol**

- Dibenzylidene sorbitol

[19046-64-1][32647-67-9] C<sub>20</sub>H<sub>22</sub>O<sub>6</sub> 358.39

MB33324

100g	\$55.00
250g	\$85.00
500g	\$145.00

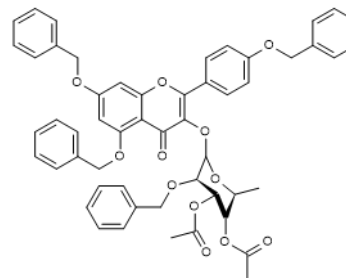
**5,7-Bis-(benzyloxy)-a-(4-(benzyloxy)phenyl)-3-[3,4-di-O-acetyl-a-O-acetyl-a-L-rhamnopyranosyloxy]-4H-chromen-4-one**

- 3-[[[3,4-Di-O-acetyl-6-deoxy-2-O-(phenylmethyl)-a-L-mannopyranosyl]oxy]-5,7-bis(phenylmethoxy)-2-[4-(phenylmethoxy)phenyl]-4H-1-benzopyran-4-one

[849938-27-8] C<sub>53</sub>H<sub>48</sub>O<sub>12</sub> 876.94

MB16635

1mg	\$110.00
2mg	\$199.90
5mg	\$363.40



Refs: Smith, J, et al, Bioorg. Med. Chem, 15, 5018 (2007)

**(-)-(2S,3S)-1,4-Bis(benzyloxy)-2,3-butanediol**

see (-)-1,4-Di-O-benzyl-L-threitol, MD59967 on page 203

**Bisbenzyloxy****(+)-(2R,3R)-1,4-Bis(benzyloxy)-2,3-butanediol**

see (+)-1,4-Di-O-benzyl-D-threitol, MD59966 on page 203

B

**3,5-Bis-O-(tert-butylidimethylsilyl)-D-ribose**

see 1,4-Anhydro-2-deoxy-3,5-bis-O-(t-butylidimethylsilyl)-D-erythro-pent-1-enitol, MA06401 on page 71

**N,N'-Bis(2-chloroethyl)phosphorodiamidic acid beta-D-glucopyranosyl ester**

see Glufosamide, MG38563 on page 302

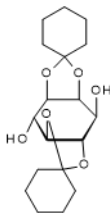
**1,2:4,5-Biscyclohexylidene-DL-myo-inositol**

• 1,2:4,5-Di-O-cyclohexylidene-myo-inositol

[104873-71-4] C<sub>18</sub>H<sub>28</sub>O<sub>6</sub> 340.41

MB07415

500mg	\$55.00
1g	\$87.00
2g	\$140.00

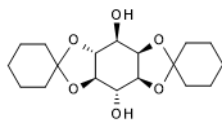
**1,2:4,5-Biscyclohexylidene D-myo-inositol**

• 1,2:4,5-Di-O-cyclohexylidene-D-myo-inositol

[55123-26-7] C<sub>18</sub>H<sub>28</sub>O<sub>6</sub> 340.41

MB16637

100mg	\$112.00
250mg	\$202.50
500mg	\$370.00



Refs: Fauroux, C, et al, J. Med. Chem, 45, 1363 (2002)

**3,5-Bis-O-(2,4-Dichlorobenzyl)-2-C-methyl-a-D-ribofuranose**

MD145909

50mg	\$50.00
100mg	\$96.00
250mg	\$230.00

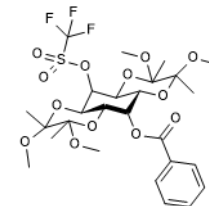
**1,6:3,4-Bis-[O-(2,3-dimethoxybutane-2,3-diyl)]-2-O-trifluoromethanesulphonyl-5-O-benzoyl-myo-inositol**

• 1,6-O-[(1R,2R)-1,2-Dimethoxy-1,2-dimethyl-1,2-ethanediyl]-3,4-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-myo-inositol 5-benzoate 2-(1,1,1-trifluoro-methanesulphonate)

[1068089-34-8] C<sub>26</sub>H<sub>35</sub>F<sub>3</sub>O<sub>13</sub>S 644.61

MB16636

5mg	\$140.00
10mg	\$254.50
25mg	\$463.00



Refs: McLaurin, J, et al, J. Biol. Chem, 275, 18495 (2000); Hardy, J, et al, Science, 297, 353 (2002); Cohen, T, et al, Biochemistry, 45, 4727 (2006)

**5,5'-Bis(b-D-glucopyranosyloxy)-9,9',10,10'-tetrahydro-4,4'-dihydroxy-10,10'-dioxo-(9R,9'S)-[9,9'-bianthracene]-2,2'-dicarboxylic acid**

see Senoside B, MS08137 on page 502

**5,5'-Bis(b-D-glucopyranosyloxy)-9,9',10,10'-tetrahydro-4,4'-dihydroxy-10,10'-dioxo-(9R,9'S)-[9,9'-bianthracene]-2,2'-dicarboxylic acid**

see Senoside A, MS08136 on page 503

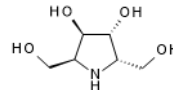
**2-[[6-[Bis(2-hydroxyethyl)amino]-4,8-D-1-piperidinyl]pyrimido[5,4-D]pyrimidin-2-yl](2-hydroxyethyl)amino]ethyl b-D-glucopyranosiduronic acid**

see Dipyrindamole mono-O-b-D-glucuronide, MD07329 on page 231

**(2S,5S)-Bishydroxymethyl-(3R,4R)-bishydroxypyrrolidine**[105015-44-9] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MB18811

5mg	\$174.90
10mg	\$318.00
25mg	\$578.50



Refs: Kessel, D, et al, Photochem. Photobiol, 55, 397 (1992)

**2R,5R-Bis(hydroxymethyl)-3R,4R-dihydroxypyrrolidine**

see 2,5-Dideoxy-2,5-imino-D-mannitol, MD04702 on page 209

**2,3-Bis(3-Methoxy-4-hydroxybenzyl)butane-1,4-diol 1,4-diglucoside**

see Secoisolaricresinol diglucoside, MS08283 on page 501

**Bis(p-methylbenzylidene)sorbitol**

see 1,3:2,4-Di-p-methylbenzylidene sorbitol, MD40421 on page 227

**2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose azide sulphate**

see 2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose azide sulphate, MD09996 on page 219

**2-[(1R)-3-[Bis(1-methylethyl)amino]-1-phenylpropyl]-4-(hydroxymethyl)phenyl b-D-glucopyranosiduronic acid**

see 5-Hydroxymethyl tolterodine b-D-glucuronide, MH16755 on page 318

**2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose**

see 2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose, MD06165 on page 218

**2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose sulfamate**

see 2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose sulfamate, MD03549 on page 219

**2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose sulfurylchloride**

see 2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose sulfonyl chloride, MD05322 on page 219

**1,2:3,4-Bis-O-(1-methylethylidene)-a-L-galactopyranose benzenesulfonate**

see 1,2:3,4-Di-O-isopropylidene-6-deoxy-6-tosyl-a-D-galactopyranose, MD16697 on page 218

**3,5:6,7-Bis-O-(1-methylethylidene)-a-D-glucoheptonic gamma-lactone**

see 3,5:6,7-Di-O-isopropylidene-D-glycero-D-gulo-heptonic acid-γ-lactone, MD32690 on page 221

**1,2:5,6-Bis-O-(1-methylethylidene)-a-D-gulofuranose 4-methylbenzenesulfonate**

see 1,2:5,6-Di-O-isopropylidene-3-O-tosyl-a-D-gulofuranose, MD16696 on page 224

**2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose 1-chlorosulfate**

see 2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose sulfonyl chloride, MD05322 on page 219

**(2S)-2,3-Bis[(1-oxohexadecyl)oxy]propyl**

see 1,2-Dipalmitoyl-3-(N-palmitoyl-6'-amino-6'-deoxy-a-D-glucosyl)-sn-glycerol, MD16700 on page 229

**Blue dextran (MW 2000000) - from Leuconostoc spp**[87915-38-6] (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub>

MB32165

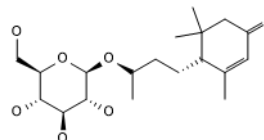
1g	\$125.00
2g	\$190.00
5g	\$300.00

**Blumenol C glucoside**

[135820-80-3]

MB44348

1mg	\$275.00
2mg	\$370.00
5mg	\$495.00

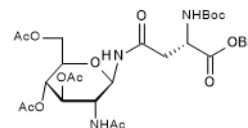
**BMS 512148**

see Dapagliflozin, MD20795 on page 158

**2N-Boc-4N-(2-acetamido-2-deoxy-3,4,6-tri-O-acetyl-b-D-glucopyranosyl)-L-asparagine-O-benzyl ester**C<sub>30</sub>H<sub>41</sub>N<sub>3</sub>O<sub>13</sub> 651.67

MB09462

50mg	\$210.00
100mg	\$368.00
250mg	\$682.50

**2N-Boc-amino-2-deoxy-b-D-galactopyranosylamine**C<sub>11</sub>H<sub>22</sub>N<sub>2</sub>O<sub>6</sub> 278.3

MB153282

Price On Application



**Bocaminodeox****2N-Boc-amino-2-deoxy-b-D-glucopyranosylamine**

- 2-Deoxy-2-[[[(1,1-dimethylethoxy)carbonyl]amino]-b-D-glucopyranosylamine

[494201-09-1] C<sub>11</sub>H<sub>22</sub>N<sub>2</sub>O<sub>6</sub> 278.3

Price On Application

MB153281

**3-Boc-aminopropyl 4,6-O-benzylidene-3-O-pivaloyl-b-D-galactopyranoside**

see (3-N-Boc-aminopropyl) 4,6-O-benzylidene-3-O-pivaloyl-b-D-galactopyranoside, MB44471 on page 124

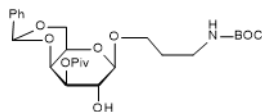
**(3-N-Boc-aminopropyl) 4,6-O-benzylidene-3-O-pivaloyl-b-D-galactopyranoside**

- 3-Boc-aminopropyl 4,6-O-benzylidene-3-O-pivaloyl-b-D-galactopyranoside

C<sub>26</sub>H<sub>39</sub>NO<sub>9</sub> 509.59

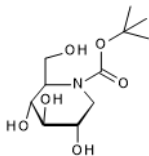
Price On Application

MB44471

**N-Boc-1,5-imino-1,5-dideoxy-D-glucitol**[130539-12-7] C<sub>11</sub>H<sub>21</sub>NO<sub>6</sub> 263.29

MB04507

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50

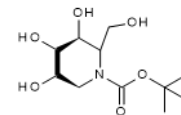
**N-Boc-1,5-imino-D-glucitol**

- (2R,3R,4R,5S)-3,4,5-Trihydroxy-2-(hydroxymethyl)-1-piperidinecarboxylic acid 1,1-dimethylethyl ester
- N-(tert-Butoxycarbonyl)moranoline

[122371-65-7] C<sub>11</sub>H<sub>21</sub>NO<sub>6</sub> 263.29

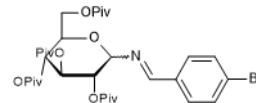
MB16638

5mg	\$124.90
10mg	\$227.20
25mg	\$413.00

**N-(4-Bromobenzylidene)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>33</sub>H<sub>48</sub>BrNO<sub>9</sub> 682.66

MB08447

Price On Application

**Bromoconduritol**

- 6-Bromo-3,4,5-trihydroxy cyclohex-1-ene
- 6-Bromo-4-cyclohexene-1,2,3-triol

[42014-74-4] C<sub>6</sub>H<sub>9</sub>O<sub>3</sub>Br 209.04

MB146491

Price On Application

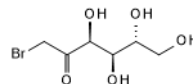
**6-Bromo-4-cyclohexene-1,2,3-triol**

see Bromoconduritol, MB146491 on page 124

**1-Bromo-1-deoxyfructose**[40614-95-7] C<sub>6</sub>H<sub>11</sub>BrO<sub>5</sub> 243.05

MB31444

Price On Application

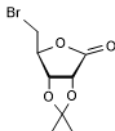


**5-Bromo-5-deoxy-2,3-isopropylidene-D-ribonolactone**see *5-Bromo-5-deoxy-2,3-O-isopropylidene-D-ribono-1,4-lactone*, MB05296 on page 125**5-Bromo-5-deoxy-2,3-O-isopropylidene-D-ribono-1,4-lactone**

• 5-Bromo-5-deoxy-2,3-isopropylidene-D-ribonolactone

[94324-23-9] C<sub>8</sub>H<sub>11</sub>BrO<sub>4</sub> 251.07

MB05296	250mg	\$132.50
	500mg	\$210.00
	1g	\$367.50

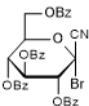


Refs: Hafele JV, et al, Synthesis 1987, 9, p801

**1-Bromo-2-deoxy-2-N-phthalimido-3,4,6-tri-O-acetyl-D-glucopyranoside**see *3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-D-glucopyranosyl bromide*, MT04667 on page 567**2-Bromo-2-deoxy-3,4,5,7-tetra-O-benzoyl-a-D-glucopyranosonitrile**[262849-67-2] C<sub>35</sub>H<sub>26</sub>BrNO<sub>9</sub> 684.49

Price On Application

MB01165

**C-(1-Bromo-1-deoxy-2,3,4,6-tetra-O-benzoyl-b-D-glucopyranosyl)formamide**

• C-(2,3,4,6-Tetra-O-benzoyl-1-bromo-1-deoxy-b-D-glucopyranosyl)formamide

[262849-68-3] C<sub>35</sub>H<sub>28</sub>BrNO<sub>10</sub> 702.5

Price On Application

MB05862

**Bromo-4,6-di-O-acetyl-a-D-mannopyranose-2,3-carbonate**see *4,6-Di-O-acetyl-2,3-O-carbonyl-a-D-mannopyranosyl bromide*, MD04665 on page 193**2-Bromoethyl a-L-fucopyranoside**

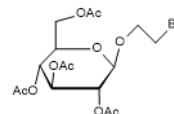
MB46903

Price On Application

**2-Bromoethyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside**[16977-78-9] C<sub>16</sub>H<sub>23</sub>BrO<sub>10</sub> 455.25

MB04521

5mg	\$89.30
10mg	\$168.00
25mg	\$262.50

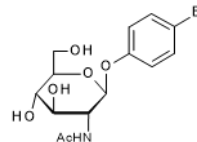


Refs: Quagliotto P, Viscardi G, Barolo C, D'Angelo D, J. Org. Chem, 2005, 70, p9857

**4-Bromophenyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[38229-80-0] C<sub>14</sub>H<sub>18</sub>BrNO<sub>6</sub> 376.2

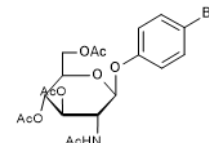
MB03195

2g	\$210.00
5g	\$367.50
10g	\$630.00

**4-Bromophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[38229-74-2] C<sub>20</sub>H<sub>24</sub>BrNO<sub>9</sub> 502.31

MB00861

250mg	\$65.00
500mg	\$105.00
1g	\$175.00

**1-Bromo-2,3,4,6-tetra-O-acetyl-a-D-galactopyranose**see *2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide*, MT01060 on page 524**1-Bromo-2,3,4,6-tetra-O-acetyl-b-D-galactopyranose**see *2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl bromide*, MT02267 on page 524

**Bromotetraac****1-Bromo-2,3,4,6-tetra-O-acetyl-a-D-galactopyranose 2% CaCO<sub>3</sub>**see 2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide - 2% CaCO<sub>3</sub>, MT07014 on page 524**Bromo-2-tetraacetyl galactose**

MB01616

Price On Application

**1-Bromo-2,3,4,6-tetra-O-acetyl-a-D-glucopyranose**

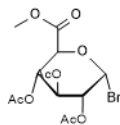
see 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide, MT03359 on page 528

**1-Bromo-2,3,4,6-tetra-O-acetyl-a-D-glucopyranose**see 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide - 2% CaCO<sub>3</sub>, MT07013 on page 528**1-Bromo-2,3,4-tri-O-acetyl-D-arabinopyranose**see 2,3,4-Tri-O-acetyl-D-arabinopyranosyl bromide - Stabilised with 2% CaCO<sub>3</sub>, MT06658 on page 563**1-Bromo-2,3,4-tri-O-acetyl-a-D-glucuronide methyl ester**

• Acetobromo-a-D-glucuronic acid methyl ester

[21085-72-3] C<sub>13</sub>H<sub>17</sub>BrO<sub>9</sub> 397.17

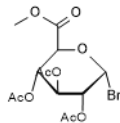
MB31644

2g \$140.00  
5g \$300.00  
10g \$500.00**1-Bromo-2,3,4-tri-O-acetyl-a-D-glucuronide methyl ester - 1% CaCO<sub>3</sub>**

• Acetobromo-a-D-glucuronic acid methyl ester

[21085-72-3] C<sub>13</sub>H<sub>17</sub>BrO<sub>9</sub> 397.17

MB04460

1g \$60.00  
2g \$90.00  
5g \$200.00

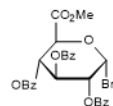
Refs: Ramu K, Baker JK, J. Med. Chem. 1995, Vol38, p1911-1921

**1-Bromo-2,3,4-tri-O-acetyl-a-D-xylopyranoside**see 2,3,4-Tri-O-acetyl-a-D-xylopyranosyl bromide - Stabilised with 2.5% CaCO<sub>3</sub>, MT04675 on page 574**1-Bromo-2,3,4-tri-O-benzoyl-L-fucopyranoside**

see 2,3,4-Tri-O-benzoyl-L-fucopyranosyl bromide, MT04666 on page 577

**1-Bromo-2,3,4-tri-O-benzoyl-a-D-glucuronide methyl ester**[103674-69-7] C<sub>28</sub>H<sub>23</sub>BrO<sub>9</sub> 583.39

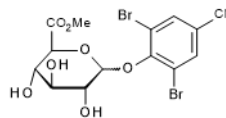
MB09839

100mg \$105.00  
250mg \$262.50  
500mg \$475.00**6-Bromo-3,4,5-trihydroxy cyclohex-1-ene**

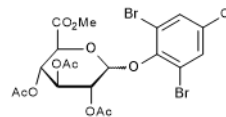
see Bromoconduritol, MB146491 on page 124

**Bromoxynil D-glucuronide methyl ester**C<sub>14</sub>H<sub>13</sub>Br<sub>2</sub>NO<sub>7</sub> 467.06

MB10417

10mg \$75.00  
25mg \$125.00  
50mg \$225.00**Bromoxynil 2,3,4-tri-O-acetyl-D-glucuronide methyl ester**C<sub>20</sub>H<sub>19</sub>Br<sub>2</sub>NO<sub>10</sub> 593.17

MB10418

1mg \$89.30  
2mg \$147.00  
5mg \$262.50

**(3aR,3bS,6aR,7aR)-2,2-Dimethylhexahydrofuro[2',3':4,5]furo[2,3-d][1,3]dioxol-5-ol**

[4055-95-2]

MD45372

25g	\$3750.00
50g	\$4950.00
100g	\$7000.00

**(3aR,3bS,6aR,7aR)-2,2-Dimethyltetrahydrofuro[2',3':4,5]furo[2,3-d][1,3]dioxol-5(3aH)-one**

• 1,2-O-Isopropylidene-a-D-5-deoxyglucurono-6,3-lactone

[7057-10-5] C<sub>9</sub>H<sub>12</sub>O<sub>5</sub> 200.19

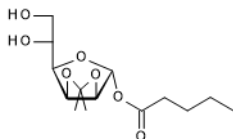
MD45371

5g	\$975.00
10g	\$1500.00
25g	\$2375.00

**BSH**see *Bacillithiol*, MB58334 on page 96**(2R,3R)-1,2,3,4-Butanetetrol**see *D-Threitol*, MT03950 on page 557**(2R,3R)-Butane-2,3,4-triol-1,4-lactone**see *D-Erythrono-1,4-lactone*, ME00265 on page 237**O-Butanoyl-2,3-O-isopropylidene-a-D-mannofuranoside**C<sub>14</sub>H<sub>26</sub>O<sub>7</sub> 304.38

MB05211

50mg	\$100.00
100mg	\$189.00
250mg	\$382.50

**6-[tert-Butoxycarbonyl-(2,3,4,5,6-pentahydroxy-hexyl)-amino]-2-(9H-fluoren-9-ylmethoxycarbonylamino)-hexanoic acid**

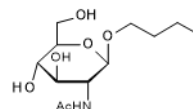
MB11580

Price On Application

**N-(tert-Butoxycarbonyl)moranoline**see *N-Boc-1,5-imino-D-glucitol*, MB16638 on page 124**Butyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[94536-61-5] C<sub>12</sub>H<sub>23</sub>NO<sub>6</sub> 277.31

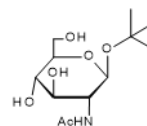
MB05431

100mg	\$210.00
200mg	\$378.00
500mg	\$790.00

**tert-Butyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[262849-69-4] C<sub>12</sub>H<sub>23</sub>NO<sub>6</sub> 277.31

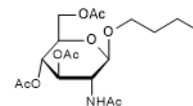
MB01791

Price On Application

**Butyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[155197-37-8] C<sub>18</sub>H<sub>29</sub>NO<sub>9</sub> 403.42

MB06538

5g	\$2250.00
10g	\$3000.00
25g	\$3750.00



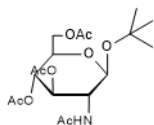
## Butylacetami

## tert-Butyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside

[7772-86-3] C<sub>18</sub>H<sub>29</sub>NO<sub>9</sub> 403.42

MB01789

Price On Application

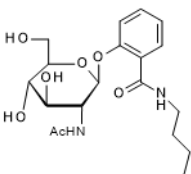


## 2'-(N-Butylcarboamido)phenyl-2-acetamido-2-deoxy-b-D-glucopyranoside

C<sub>19</sub>H<sub>28</sub>N<sub>2</sub>O<sub>7</sub> 396.43

MB00966

Price On Application

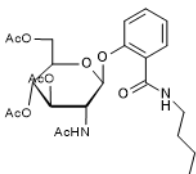


## 2'-(N-Butylcarboamido)phenyl-2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside

C<sub>25</sub>H<sub>34</sub>N<sub>2</sub>O<sub>10</sub> 522.54

MB00964

5g	\$2250.00
10g	\$3000.00
25g	\$3750.00



## 1-[5-[4'-[[2-Butyl-4-chloro-5-(hydroxymethyl)-1H-imidazol-1-yl]methyl][1,1'-biphenyl]-2-yl]-1H-tetrazol-1-yl]-1-deoxy-b-D-glucopyranuronic acid

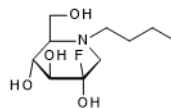
see Losartan N1-glucuronide, ML16776 on page 349

## N-Butyl-1-deoxy-2-fluoronojirimycin

C<sub>10</sub>H<sub>20</sub>FNO<sub>4</sub> 237.27

MB10504

1mg	\$325.50
2mg	\$577.50
5mg	\$1155.00



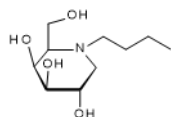
## N-Butyldeoxygalactonojirimycin

• N-Butyl-1,5-dideoxy-1,5-imino-D-galactitol

[141206-42-0] C<sub>10</sub>H<sub>21</sub>NO<sub>4</sub> 219.28

MB04497

1mg	\$75.00
2mg	\$120.00
5mg	\$225.00



Refs: Asano N, Glycobiology 2003, 13, 10, p93R-104R; Paulsen H, et al, Chem. Ber. 1980, 113, p2601; Daniel PF, et al, Proc. Int. Carbo. Symp. NY. Abstr. 1986, C43; Plaft FM, et al, J. Biol. Chem. 1994, 269, p27108

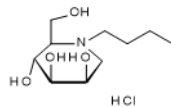
## N-Butyldeoxymannojirimycin HCl

- N-Butyldeoxymannojirimycin hydrochloride
- (2R,3R,4R,5R)-1-Butyl-2-(hydroxymethyl)-3,4,5-piperidinetriol hydrochloride

[155501-85-2][355012-88-3] C<sub>10</sub>H<sub>21</sub>NO<sub>4</sub>·HCl 255.74

MB04672

1mg	\$89.30
2mg	\$157.50
5mg	\$315.00



## N-Butyldeoxymannojirimycin hydrochloride

see N-Butyldeoxymannojirimycin HCl, MB04672 on page 128

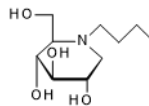
## N-Butyldeoxynojoirimycin

- Zavesca
- Miglustat

[72599-27-0] C<sub>10</sub>H<sub>21</sub>NO<sub>4</sub> 219.28

MB06729

5mg	\$80.00
10mg	\$150.00
25mg	\$350.00



Refs: Flatt FJ, et al, J. Biol. Chem. 1997, 272, 19365; Platt FM, et al, Science 276, 428 (1997); Fischer PB, et al, J. Virol. 1996, 70, 7153

B



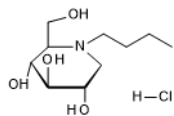
**N-Butyldeoxyojirimycin HCl**

• Miglustat hydrochloride

[210110-90-0] C<sub>10</sub>H<sub>21</sub>NO<sub>4</sub>·HCl 255.74

MB04673

5mg	\$80.00
10mg	\$150.00
25mg	\$350.00

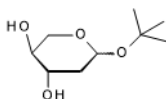


Refs: Heftkamp H, et al, Eur. J. Biochem. 1984, 142, p85; Szumilo T, et al, Arch. Biochem. Biophys. 1986, 247, p261; Fleet GWJ, et al, FEBS Lett. 1988, 12, p128; Kotler T, Angew. Chem. Int. Ed. 1997, 36, p1955

**tert-Butyl 2-deoxy-L-ribosepyranoside**C<sub>8</sub>H<sub>18</sub>O<sub>4</sub> 190.24

MB09562

1g	\$32.90
2g	\$52.50
5g	\$105.00

**N-Butyl-1,5-dideoxy-1,5-imino-D-galactitol**see *N-Butyldeoxygalactonojirimycin*, MB04497 on page 128**(1R,4R,5S)-4-tert-Butyldimethylsilyloxymethyl-5-tert-butyldimethylsilyloxycyclohex-2en-1-ol**

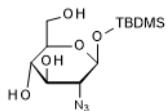
MB09256

Price On Application

**1-O-tert-Butyldimethylsilyl-2-azido-2-deoxy-b-D-glucopyranoside**[99049-65-7] C<sub>12</sub>H<sub>25</sub>N<sub>3</sub>O<sub>5</sub>Si 319.43

MB06801

50mg	\$52.50
100mg	\$84.00
250mg	\$157.50

**6-O-tert-Butyldimethylsilyl-3,4-O-carbonyl-D-galactal**

[163228-38-4]

MB04300

Price On Application

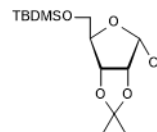
**5-O-tert-Butyldimethylsilyl-1-chloro-2,3-O-isopropylidene-b-D-ribofuranose**

• 5'-O-tert-Butyldimethylsilyl-2',3'-O-isopropylidene-b-D-ribofuranosyl chloride

[102690-94-4] C<sub>14</sub>H<sub>27</sub>ClO<sub>4</sub>Si 322.9

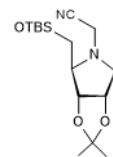
MB76133

Price On Application

**5-O-tert-Butyldimethylsilyl-N-cyanomethyl-1,4-dideoxy-1,4-imino-2,3-O-isopropylidene-D-ribitol**[577978-59-7] C<sub>16</sub>H<sub>30</sub>N<sub>2</sub>O<sub>3</sub>Si 326.51

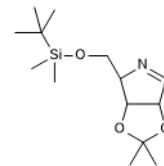
MB46123

Price On Application

**5-O-tert-Butyldimethylsilyl-1,N-dehydro-1,4-dideoxy-1,4-imino-2,3-O-isopropylidene-D-ribitol**[153172-33-9] C<sub>14</sub>H<sub>27</sub>NO<sub>3</sub>Si 285.45

MB02824

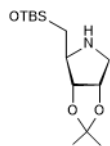
Price On Application



**Butyldimethy****5-O-tert-Butyldimethylsilyl-1,4-dideoxy-1,4-imino-2,3-O-isopropylidene-D-ribose**[153172-31-7] C<sub>14</sub>H<sub>29</sub>NO<sub>3</sub>Si 287.47

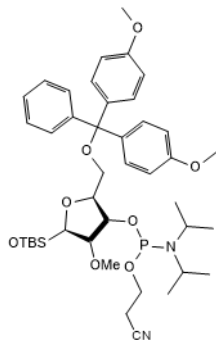
MB46137

1g	\$1250.00
2g	\$1750.00
5g	\$2250.00

**1-O-tert-Butyldimethylsilyl-5-O-DMT-2-O-methyl-D-ribose 3-CE-phosphoramidite**C<sub>42</sub>H<sub>61</sub>N<sub>2</sub>O<sub>8</sub>PSi 781

MT29466

Price On Application

**3-O-tert-Butyldimethylsilyl-D-galactal**C<sub>12</sub>H<sub>24</sub>O<sub>5</sub>Si 260.4

MB04321

Price On Application

**6-O-tert-Butyldimethylsilyl-D-galactal**

[124751-19-5]

MB04292

Price On Application

**6-O-tert-Butyldimethylsilyl-D-glucal**

[58871-09-3]

MB06076

1g	\$550.00
2g	\$1000.00
5g	\$2300.00

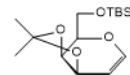
**6-O-tert-Butyldimethylsilyl-3,4-O-isopropylidene-D-galactal**

• 2,6-Anhydro-5-deoxy-1-O-TBDMS-3,4-O-(1-methylethylidene)-D-arabino-hex-5-enitol

[161822-65-7] C<sub>15</sub>H<sub>26</sub>O<sub>4</sub>Si 300.47

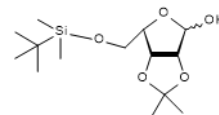
MB04322

Price On Application

**5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-L-lyxofuranose**C<sub>14</sub>H<sub>26</sub>O<sub>5</sub>Si 304.45

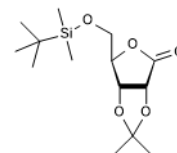
MB08637

5g	\$152.30
10g	\$262.50
25g	\$499.00

**5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-D-lyxono-1,4-lactone**C<sub>14</sub>H<sub>26</sub>O<sub>5</sub>Si 302.45

MB08636

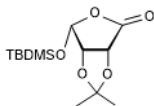
1g	\$462.00
2g	\$882.00
5g	\$1995.00



**5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-L-lyxono-1,4-lactone**C<sub>13</sub>H<sub>24</sub>O<sub>5</sub>Si 288.42

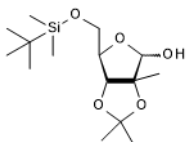
MB08951

Price On Application

**5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-2-C-methyl-D-ribofuranose**C<sub>15</sub>H<sub>30</sub>O<sub>5</sub>Si 318.49

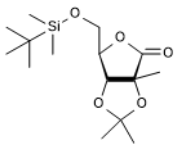
MB08635

Price On Application

**5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-2-C-methyl-D-ribo-1,4-lactone**C<sub>15</sub>H<sub>28</sub>O<sub>5</sub>Si 316.47

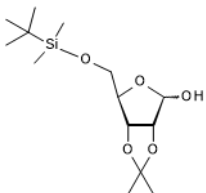
MB08634

Price On Application

**5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-D-ribofuranose**[68703-51-5] C<sub>14</sub>H<sub>28</sub>O<sub>5</sub>Si 304.45

MB02533

500mg	\$75.00
1g	\$125.00
2g	\$190.00

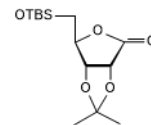
**5'-O-tert-Butyldimethylsilyl-2',3'-O-isopropylidene-b-D-ribofuranosyl chloride**

see 5-O-tert-Butyldimethylsilyl-1-chloro-2,3-O-isopropylidene-b-D-ribofuranose, MB76133 on page 129

**5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-D-ribo-1,4-lactone**[75467-36-6] C<sub>14</sub>H<sub>26</sub>O<sub>5</sub>Si 302.44

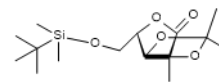
MB14102

5g	\$875.00
10g	\$1450.00
25g	\$2450.00

**5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-L-ribo-1,4-lactone**C<sub>15</sub>H<sub>28</sub>O<sub>5</sub>Si 316.47

MB08638

Price On Application

**3-O-tert-Butyldimethylsilyl-4,6-O-p-methoxybenzylidene-D-glucal**

[384346-91-2]

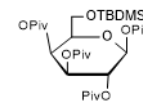
MB04301

Price On Application

**6-O-tert-Butyldimethylsilyl-1,2,3,4-tetra-O-pivaloyl-b-D-galactopyranose**C<sub>32</sub>H<sub>58</sub>O<sub>10</sub>Si 630.9

MB08775

Price On Application

**6-O-tert-Butyldiphenylsilyl-3,4-O-carbonyl-D-galactal**

[151265-18-8]

MB04195

Price On Application



## Butyldipheny

## 3-O-tert-Butyldiphenylsilyl-D-galactal

MB04298

Price On Application



## 6-O-tert-Butyldiphenylsilyl-D-galactal

[137893-35-7]

MB04186

Price On Application



## 6-O-tert-Butyldiphenylsilyl-D-glucal

[87316-22-1]

MB04283

Price On Application



## 6-O-tert-Butyldiphenylsilyl-3,4-O-isopropylidene-D-galactal

[137792-66-6]

MB06077

Price On Application

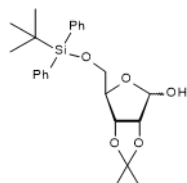


## 5-O-tert-Butyldiphenylsilyl-2,3-O-isopropylidene-D-ribofuranose

[141607-35-4] C<sub>24</sub>H<sub>32</sub>O<sub>5</sub>Si 428.59

MB02763

1g	\$65.00
2g	\$90.00
5g	\$150.00

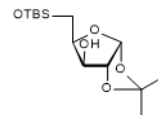


## 5-O-(t-Butyldiphenylsilyl)-1,2-O-isopropylidene-a-D-xylofuranose

[114861-14-2] C<sub>24</sub>H<sub>32</sub>O<sub>5</sub>Si 428.59

MB32522

Price On Application

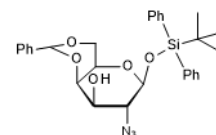


## 1-O-tert-Butyldiphenylsilyl-2-azido-4,6-O-benzylidene-2-deoxy-b-D-galactopyranoside

C<sub>29</sub>H<sub>33</sub>N<sub>3</sub>O<sub>5</sub>Si 531.68

MB00235

500mg	\$1260.00
1g	\$2100.00
2g	\$3150.00



## n-Butyl b-D-fructopyranoside

• Cardozin

[67884-27-9] C<sub>10</sub>H<sub>20</sub>O<sub>6</sub> 236.26

MB74053

1g	\$2500.00
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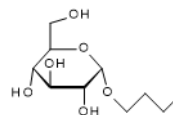


## Butyl a-D-glucopyranoside

[25320-93-8] C<sub>10</sub>H<sub>20</sub>O<sub>6</sub> 236.26

MB08243

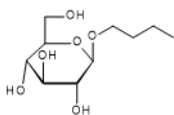
1g	\$75.00
2g	\$130.00
5g	\$225.00



**Butyl b-D-glucopyranoside**[5391-18-4] C<sub>10</sub>H<sub>20</sub>O<sub>6</sub> 236.26

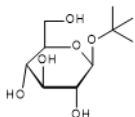
MB08363

500mg	\$70.00
1g	\$125.00
2g	\$190.00

**tert-Butyl b-D-glucopyranoside**[29074-04-2] C<sub>10</sub>H<sub>20</sub>O<sub>6</sub> 236.26

MB03519

1g	\$50.00
2g	\$90.00
5g	\$200.00

**(2R,3R,4R,5R)-1-Butyl-2-(hydroxymethyl)-3,4,5-piperidinetriol hydrochloride**see *N-Butyldeoxymannojirimycin HCl*, MB04672 on page 128**4-N-tert-Butyloxycarbonyl zanamivir amine**see *5-(Acetylamino)-2,6-anhydro-3,4,5-trideoxy-4-[[[(1,1-dimethylethoxy)carbonyl]amino]-D-glycero-D-galacto-non-2-enonic acid*, MA58736 on page 27**1D-1-O-Butyryl-4,6-O-dibenzoyl-myo-inositol**[153265-90-8] C<sub>24</sub>H<sub>26</sub>O<sub>9</sub> 458.46

MB29977

25mg	\$90.00
50mg	\$150.00
100mg	\$265.00

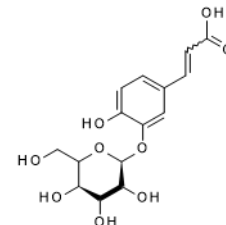
**Caffeic acid 3-O-b-D-glucopyranoside**

- 3-[3-(b-D-Glucopyranosyloxy)-4-hydroxyphenyl]-2-propenoic acid
- 3-(b-D-Glucopyranosyloxy)-4-hydroxy-cinnamic acid
- 3-(b-D-Glucopyranosyloxy)-4-hydroxycinnamic acid

[24959-81-7] C<sub>15</sub>H<sub>18</sub>O<sub>9</sub> 342.3

MC16643

1mg	\$125.00
2mg	\$220.00
5mg	\$425.00



Refs: Hanson, K, et al, J. Biol. Chem, 238, 1105 (1963); Bernards, M, et al, Phytochem, 30, 497 (1991); Lim, E, et al, Biochem. J, 373, 987 (2003)

**Caffeic acid 3-O-b-D-glucuronide**

- 5-[(1E)-2-Carboxyethenyl]-2-hydroxyphenyl b-D-glucopyranosiduronic acid

[1093679-73-2] C<sub>15</sub>H<sub>16</sub>O<sub>10</sub> 356.28

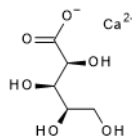
MC32166

1mg	\$157.50
2mg	\$262.50
5mg	\$420.00

**Calcium-D-arabonate**[22373-09-7] C<sub>8</sub>H<sub>9</sub>O<sub>6</sub>·Ca 205.2

MC08300

10g	\$31.50
25g	\$59.50
50g	\$100.00

**Calcium-L(-)-arabonate**see *L(-)-Arabonic acid calcium salt tetrahydrate*, MA70976 on page 85

**Calciumarabo****Calcium-L(-)-arabonate tetrahydrate**

• L(-)-Arabonic acid calcium salt

MC70977

10g	\$50.00
25g	\$100.00
50g	\$175.00

**Calcium L(-)-arabonate tetrahydrate**

• L(-)-Arabonic acid calcium salt

MC70978

Price On Application

**Calcium D-gluconate**see *D-Gluconic acid calcium salt*, MG07602 on page 287**Calcium L-gluconate**see *L-Gluconic acid calcium salt*, MG29644 on page 287**Calcium D-gluconate monohydrate**see *D-Gluconic acid calcium salt monohydrate*, MG29978 on page 287**Calcium a-D-heptagluconate hydrate**see *a-D-Glucoheptonic acid calcium salt*, MG29979 on page 285**Calcium (2R,3R,4S,5R,6R)-2,3,4,5,6,7-hexahydroxyheptanoate**see *a-D-Glucoheptonic acid calcium salt*, MG29979 on page 285**Calcium 2-keto-D-gluconate**see *2-Keto-D-gluconic acid hemicalcium salt monohydrate*, MK03802 on page 345**Calcium lactate gluconate**[11116-97-5] (C<sub>3</sub>H<sub>5</sub>O<sub>3</sub>)<sub>2</sub>Ca·(C<sub>6</sub>H<sub>11</sub>O<sub>7</sub>)<sub>2</sub>Ca 648.59

MC13902

100g	\$50.00
250g	\$100.00
500g	\$150.00

**Calcium lactobionate**

• 4-O-b-D-Galactopyranosyl-D-gluconic acid calcium salt

[110638-68-1][5001-51-4] C<sub>12</sub>H<sub>21</sub>O<sub>12</sub>·½Ca 377.33

MC29407

250g	\$55.00
500g	\$100.00
1kg	\$170.00

**Calcium D-saccharate tetrahydrate**

- D-Glucuric acid calcium salt
- D-Saccharic acid calcium salt
- Glucuric acid calcium salt tetrahydrate

[5793-88-4][5793-89-5][87-73-0] C<sub>8</sub>H<sub>8</sub>CaO<sub>8</sub>·4H<sub>2</sub>O 320.26

MC04536

250g	\$60.00
500g	\$95.00
1kg	\$170.00

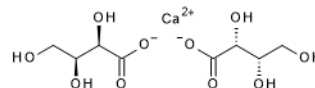
**Calcium L-threonate**

- L-Threonic acid calcium salt
- (2R, 3S)-2,3,4-Trihydroxybutyric acid hemicalcium salt

[70753-61-6] C<sub>8</sub>H<sub>14</sub>CaO<sub>10</sub> 310.27

MC09466

100g	\$50.00
250g	\$80.00
500g	\$125.00

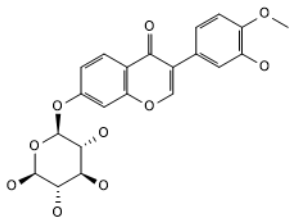
**Calcium D-xylonate hydrate**see *D-Xylonic acid calcium salt hydrate*, MX07382 on page 603

## Calycosin-7-O-b-D-glucoside

[20633-67-4]

MC44349

5mg	\$70.00
10mg	\$100.00
25mg	\$200.00



## Calystegine B1

[127414-86-2] C<sub>7</sub>H<sub>13</sub>NO<sub>4</sub> 175.18

MC58305

5mg	\$2000.00
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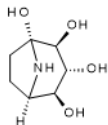
## Calystegine B2

- (1R,2S,3R,4S,5R)-8-Azabicyclo[3.2.1]octane-1,2,3,4-tetrol
- Nortropanoline

[127414-85-1] C<sub>7</sub>H<sub>13</sub>NO<sub>4</sub> 175.19

MC03733

1mg	\$210.00
2mg	\$380.00
5mg	\$825.00

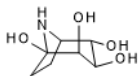


## Calystegine B3

[178231-95-3] C<sub>7</sub>H<sub>13</sub>NO<sub>4</sub> 175.19

MC09819

1mg	\$325.00
2mg	\$620.00
5mg	\$1500.00



## Calystegine B4

[184046-85-3] C<sub>7</sub>H<sub>13</sub>NO<sub>4</sub> 175.18

MC58303

250ug	\$285.00
500ug	\$440.00
1mg	\$700.00



## Calystegine N1

MC58302

Price On Application

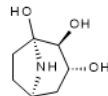


## Calystegine A3

[131580-36-4] C<sub>7</sub>H<sub>13</sub>NO<sub>3</sub> 159.18

MC45218

1mg	\$350.00
2mg	\$650.00
5mg	\$1200.00



## Calystegine A5

[165905-26-0] C<sub>7</sub>H<sub>13</sub>NO<sub>3</sub> 159.18

MC58304

5mg	\$2000.00
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## Canagliflozin

[842133-18-0] C<sub>24</sub>H<sub>25</sub>FO<sub>5</sub>S 444.52

MC58356

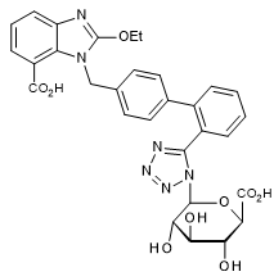
50mg	\$50.00
100mg	\$80.00
250mg	\$140.00



**Candesartang****Candesartan N2-glucuronide**[180603-76-3] C<sub>30</sub>H<sub>28</sub>N<sub>6</sub>O<sub>9</sub> 616.58

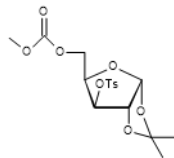
MC09817

5mg	\$1600.00
10mg	\$2600.00
25mg	\$4750.00

**Capryl/Caprylyl Glycoside**see *Decyl glucoside, MD13516 on page 160***N-Carbobenzyloxymannosamine**see *2-Amino-2-N-carbobenzyoxy-2-deoxy-D-mannose, MA04690 on page 56***5-O-Carbomethoxy-1,2-O-isopropylidene-3-O-p-toluenesulfonyl-a-D-xylofuranose**[74580-94-2] C<sub>17</sub>H<sub>22</sub>O<sub>8</sub>S 402.42

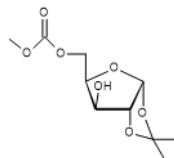
MC05404

500mg	\$95.00
1g	\$168.00
2g	\$315.00

**5-O-Carbomethoxy-1,2-O-isopropylidene-a-D-xylofuranose**[5432-33-7] C<sub>10</sub>H<sub>16</sub>O<sub>7</sub> 248.23

MC05405

1g	\$68.00
2g	\$100.00
5g	\$210.00

**3,4-O-Carbonyl-D-galactal**

[149847-26-7]

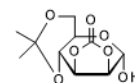
MC04197

Price On Application

**2,3-O-Carbonyl-4,6-O-isopropylidene-a-D-mannopyranoside**C<sub>10</sub>H<sub>14</sub>O<sub>7</sub> 246.21

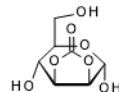
MC04553

250mg	\$262.50
500mg	\$420.00
1g	\$630.00

**2,3-O-Carbonyl-a-D-mannopyranose**[76548-27-1] C<sub>7</sub>H<sub>10</sub>O<sub>7</sub> 206.15

MC04676

50mg	\$60.00
100mg	\$100.00
250mg	\$200.00

**2-N-Carboxybenzyl-2-deoxy-D-glucosamine**see *N-Cbz-D-glucosamine, MC06896 on page 139***5-[(1E)-2-Carboxyethenyl]-2-hydroxyphenyl b-D-glucopyranosiduronic acid**see *Caffeic acid 3-O-b-D-glucuronide, MC32166 on page 133***N-(2-Carboxyethyl)-2,5-dideoxy-2,5-imino-D-mannonic acid**

• N-Carboxyethyl-DMDP

MC44499

Price On Application

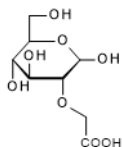




**N-Carboxyethyl-DMDP**see *N*-(2-Carboxyethyl)-2,5-dideoxy-2,5-imino-D-mannonic acid, MC44499 on page 136**2-O-Carboxymethyl-D-glucose**[95350-40-6] C<sub>8</sub>H<sub>14</sub>O<sub>8</sub> 238.19

MC45026

10mg	\$975.00
25mg	\$1300.00
50mg	\$1950.00

**3-O-Carboxymethyl-D-glucose**[95350-39-3] C<sub>8</sub>H<sub>14</sub>O<sub>8</sub> 238.19

MC45050

10mg	\$975.00
25mg	\$1300.00
50mg	\$1950.00

**6-O-Carboxymethyl-D-glucose**[95350-38-2] C<sub>8</sub>H<sub>14</sub>O<sub>8</sub> 238.19

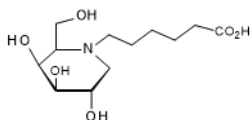
MC45051

2mg	\$206.00
5mg	\$429.00
10mg	\$715.00

**N-5-Carboxypentyl-1-deoxygalactonojirimycin**[1240479-07-5] C<sub>12</sub>H<sub>23</sub>NO<sub>6</sub> 277.31

MC16646

2mg	\$120.00
5mg	\$225.00
10mg	\$400.00

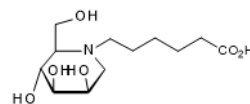
**N-(5-Carboxypentyl)-deoxymannojirimycin hydrochloride**

• N-(5-Carboxypentyl)-1,5-dideoxy-1,5-imino-D-mannitol

[104154-10-1] C<sub>12</sub>H<sub>23</sub>NO<sub>6</sub>·HCl 313.77

MC04524

1mg	\$89.30
2mg	\$168.00
5mg	\$336.00



Refs: Schweden J, et al, Eur. J. Biochem. 1986, 157, p563

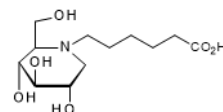
**N-(5-Carboxypentyl)-deoxynoijirimycin**

- N-(5-Carboxypentyl)-1,5-dideoxy-1,5-imino-D-glucitol
- (2R,3R,4R,5S)-3,4,5-Trihydroxy-2-(hydroxymethyl)-1-piperidinehexanoic acid

[79206-70-5][79206-51-2] C<sub>12</sub>H<sub>23</sub>NO<sub>6</sub> 277.31

MC04528

1mg	\$89.30
2mg	\$126.00
5mg	\$204.80

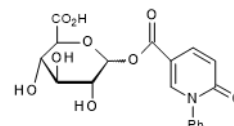


Refs: Schweden J, et al, Eur. J. Biochem. 1986, 157, p563; Hettkamp H, et al, Eur. J. Biochem. 1984, 142, p85; Shailubhai K, et al, Biochem. J. 1987, 247, p555; Bause E, FEBS 1991, 278, p167

**N-(5-Carboxypentyl)-1,5-dideoxy-1,5-imino-D-glucitol**see *N*-(5-Carboxypentyl)-deoxynoijirimycin, MC04528 on page 137**N-(5-Carboxypentyl)-1,5-dideoxy-1,5-imino-D-mannitol**see *N*-(5-Carboxypentyl)-deoxymannojirimycin hydrochloride, MC04524 on page 137**2-Carboxyphenyl b-D-glucopyranosiduronic acid**see *Salicylic acid D-glucuronide*, MS09950 on page 500**1-O-(5-Carboxy-N-phenyl-2-(1H)-pyridone)-D-glucuronide**C<sub>18</sub>H<sub>17</sub>NO<sub>9</sub> 391.33

MC06765

1mg	\$152.30
2mg	\$630.00
5mg	\$1050.00

**(6aR,10aR)-9-Carboxy-6a,7,8,10a-tetrahydro-6,6-dimethyl-3-pentyl-6H-dibenzo[b,d]pyran-1-yl**see *11-Δ9-Tetrahydro cannabinol-9-carboxylic acid b-D-glucuronide*, MT16862 on page 551

**Cardozin****Cardozin**see *n*-Butyl *b*-D-fructopyranoside, MB74053 on page 132**Carmine**see *Cochineal*, MC64838 on page 150**Carminic acid**• 7-*b*-D-Glucopyranosyl-9,10-dihydro-3,5,6,8-tetrahydroxy-1-methyl-9,10-dioxo-2-anthracenecarboxylic acid[1260-17-9] C<sub>22</sub>H<sub>20</sub>O<sub>13</sub> 492.39

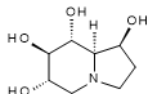
MC30619

1g \$62.00  
2g \$100.00  
5g \$180.00**Castanospermine**

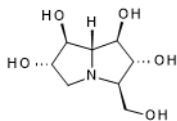
• 1,6,7,8-Tetrahydroxyoctahydroindolizine

[79831-76-8] C<sub>8</sub>H<sub>15</sub>NO<sub>4</sub> 189.2

MC08277

50mg \$60.00  
100mg \$95.00  
250mg \$175.00**(+)-Casuarine**[159440-57-0] C<sub>8</sub>H<sub>13</sub>NO<sub>5</sub> 205.21

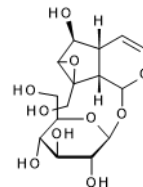
MC44493

1mg \$950.00  
2mg \$1500.00  
5mg \$2125.00**Casuarine-6-O- $\alpha$ -D-glucoside**C<sub>14</sub>H<sub>25</sub>NO<sub>10</sub> 367.35

MC44492

2mg \$700.00  
5mg \$1250.00  
10mg \$2200.00**Catalpin**see *Catalposide*, MC06905 on page 138**Catalpinoside**see *Catalpol*, MC08278 on page 138**Catalpol**• *Catalpinoside*  
• (1*a*S,1*b*S,2*S*,5*a*R,6*S*,6*a*S)-1*a*,1*b*,2,5*a*,6,6*a*-Hexahydro-6-hydroxy-1*a*-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-*c*]pyran-2-yl-*b*-D-glucopyranoside[2415-24-9] C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

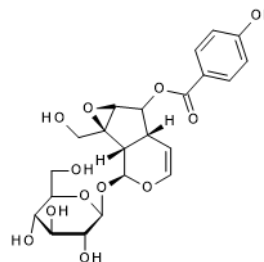
MC08278

50mg \$75.00  
100mg \$120.00  
250mg \$195.00

Refs: Chem. &amp; Ind, 1961, p1488

**Catalposide**• *Catalpin*  
• (1*a*S,1*b*S,2*S*,5*a*R,6*S*,6*a*S)-1*a*,1*b*,2,5*a*,6,6*a*-hexahydro-6-[(4-hydroxybenzoyl)oxy]-1*a*-(hydroxymethyl)oxireno[4,5]cyclopenta[1,2-*c*]pyran-2-yl-*b*-D-glucopyranoside[6736-85-2] C<sub>22</sub>H<sub>26</sub>O<sub>12</sub> 482.45

MC06905

1mg \$195.00  
2mg \$350.00  
5mg \$575.00**Catechol  $\alpha$ -D-glucopyranoside**C<sub>12</sub>H<sub>16</sub>O<sub>7</sub> 272.25

MC57642

50mg \$200.00



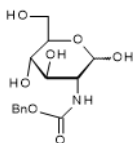
**N-Cbz-D-glucosamine**

- 2-N-Carboxybenzyl-2-deoxy-D-glucosamine
- 2-(Benzyloxycarbonylamino)-2-deoxy-D-glucose

[16684-31-4] C<sub>14</sub>H<sub>19</sub>NO<sub>7</sub> 313.3

MC06896

1g	\$99.80
2g	\$157.50
5g	\$262.50

**c3,6'-Disinapoyl sucrose**

[139891-98-8]

MD74546

10mg	\$60.00
25mg	\$120.00
50mg	\$204.00

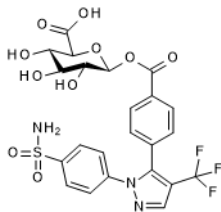
**Celecoxib carboxylic acid acyl-b-D-glucuronide**

- 1-[4-[1-[4-(Aminosulfonyl)phenyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl]benzoate] b-D-glucopyranuronic acid

[264236-79-5] C<sub>23</sub>H<sub>20</sub>F<sub>3</sub>N<sub>3</sub>O<sub>10</sub>S 587.48

MC16649

1mg	\$260.00
2mg	\$420.00
5mg	\$900.00



Refs: Penning, T, et al, J. Med. Chem, 40, 1347 (1997); Barta, T, et al, Bioorg. Med. Chem. Lett, 8, 3443 (1998); Paulson, S, et al, Drug Metab. Dispos, 28, 514 (2000)

**b-Cellobiosyl azide**

- 4-O-b-D-Glucopyranosyl-b-D-glucopyranosyl azide

[69194-62-3] C<sub>12</sub>H<sub>21</sub>N<sub>3</sub>O<sub>10</sub> 367.3

MC05699

Price On Application

**Cellobiuronic acid**

- 4-O-b-D-Glucopyranuronosyl-D-glucose

[5551-59-7] C<sub>12</sub>H<sub>20</sub>O<sub>12</sub> 356.28

MC04373

Price On Application

**Cellotetraosan**

- see 1,6-Anhydro-b-D-glucopyranose, b-D-glucopyranosyl-(1-4)-b-D-glucopyranosyl-(1-4)-b-D-glucopyranosyl-, MA46489 on page 75

**Ceramide b-D-galactosides**

- see b-Galactosylceramides - from bovine brain, MG16193 on page 278

**Ceramide-galactoside-3-sulfate**

- see Cerebroside sulfate, MC16201 on page 140

**Ceramide b-D-glucoside**

- see Glycosylceramide, MG16326 on page 305

**Ceramide b-D-glucoside**

- see Glycosylceramide - from plant origin, MG158951 on page 306

**Cerebroside C**[98677-33-9] C<sub>43</sub>H<sub>79</sub>NO<sub>9</sub> 754.09

MC158265

Price On Application

**Cerebrosides**

- see b-Galactosylceramides - from bovine brain, MG16193 on page 278

**Cerebrosides****Cerebrosides**[383906-25-0] C<sub>48</sub>H<sub>93</sub>NO<sub>8</sub> Average: 781.953

MC16351

10mg	\$130.00
25mg	\$225.00
50mg	\$350.00

**Cerebrosides**[536-13-0] C<sub>42</sub>H<sub>81</sub>NO<sub>8</sub> 728.09

MC34869

1mg	\$55.00
2mg	\$90.00
5mg	\$175.00

**Cerebroside sulfate**

- Sulfatides
- Ceramide-galactoside-3-sulfate

[85496-63-5][383906-24-9] C<sub>42</sub>H<sub>80</sub>NNaO<sub>11</sub>S 830.14

MC16201

2mg	\$70.00
5mg	\$150.00
10mg	\$250.00

**Charantoside**

MC45797

Price On Application

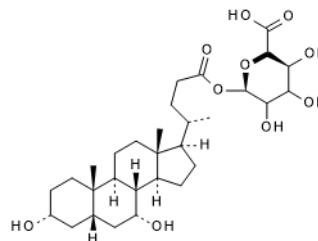
**Chenodeoxycholic acid 24-acyl-b-D-glucuronide**

- 1-[(3a,5b,7a)-3,7-Dihydroxycholan-24-oate] b-D-glucopyranuronic acid

[208038-27-1] C<sub>30</sub>H<sub>48</sub>O<sub>10</sub> 568.7

MC16651

5mg	\$225.00
10mg	\$400.00
25mg	\$925.00



Refs: Alme, B, et al, J. Steroid Biochem, 13, 907 (1980); Goto, J, et al, Steroids, 63, 186 (1998); Barbier, O, et al, J. Steroid Biochem. Mol. Biol, 85, 235 (2003)

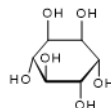
**1D-chiro-Inositol**

- Matezodambose

[643-12-9] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MI07483

1g	\$60.00
2g	\$100.00
5g	\$175.00



Refs: Foxall CD, et.al, JCS, 1963, p5573

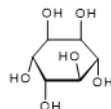
**1L-chiro-Inositol**

- Levoinositol

[551-72-4] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MI07484

100mg	\$60.00
250mg	\$95.00
500mg	\$160.00



Refs: McConnell JF, et.al, JCS, Perkin 2, 1972, p2039

**D-Chiro-inositol diacetone**

see 1,2:5,6-Di-O-isopropylidene-D-chiro-inositol, MD10119 on page 217

**Chitosamine Sulphate**

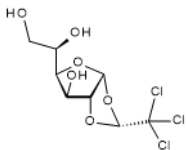
see D-Glucosamine sulfate, MG05263 on page 294

**a-Chloralose**

- Anhydro-D-glucochloral
- a-D-Glucochloralose

[15879-93-3] C<sub>8</sub>H<sub>11</sub>Cl<sub>3</sub>O<sub>6</sub> 309.53

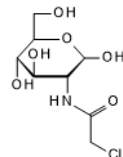
MC06906	100g	\$50.00
	250g	\$87.50
	500g	\$110.00

**2-N-Chloroacetyl-2-deoxy-D-glucosamine**

- (2-Chloroacetamido)-2-deoxy-D-glucopyranose

[1334320-67-0] C<sub>8</sub>H<sub>14</sub>ClNO<sub>6</sub> 255.65

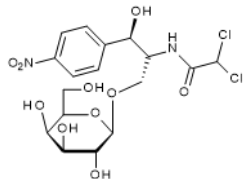
MC59821	100mg	\$300.00
	250mg	\$500.00
	500mg	\$850.00

**Chloramphenicol 1-O-b-D-galactopyranoside**

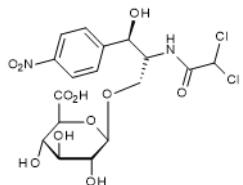
- D-(-)-threo-2-Dichloroacetamido-3-b-D-galactopyranosyl-1-(p-nitrophenyl)-1,3-propaneediol

[191476-32-1] C<sub>17</sub>H<sub>22</sub>N<sub>2</sub>O<sub>10</sub>Cl<sub>2</sub> 485.27

MC04425	1mg	\$115.00
	2mg	\$210.00
	5mg	\$425.00

**Chloramphenicol glucuronide**[39751-33-2] C<sub>17</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>11</sub> 499.26

MC09459	1mg	\$280.00
	2mg	\$540.00
	5mg	\$1150.00

**(2-Chloroacetamido)-2-deoxy-D-glucopyranose**

see 2-N-Chloroacetyl-2-deoxy-D-glucosamine, MC59821 on page 141

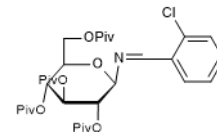
**Chloro 2-acetamido-2-deoxy-3,4,6-tri-O-acetyl-D-glucopyranose**see 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-glucopyranosyl chloride - Stabilised with 2% CaCO<sub>3</sub>, MA04504 on page 23**2-[[[1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl]acetyl]amino]-2-deoxy-a-D-glucopyranose**

see a-Glucametacin, MG16734 on page 284

**N-(2-Chlorobenzylidene)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>33</sub>H<sub>46</sub>ClNO<sub>9</sub> 638.19

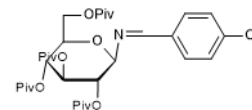
MC08446

Price On Application

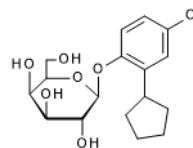
**N-(4-Chlorobenzylidene)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>33</sub>H<sub>46</sub>ClNO<sub>9</sub> 638.19

MC08436

Price On Application

**4-Chloro-2-cyclopentylphenyl b-D-galactopyranoside**[24718-43-2] C<sub>17</sub>H<sub>23</sub>ClO<sub>6</sub> 358.81

MC04906	10mg	\$75.00
	25mg	\$125.00
	50mg	\$225.00

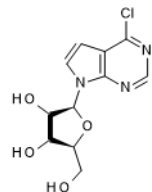


Refs: Park CE, et al, Can. J. Microbiol. 1976, 22, p654

## Chlorodeazar

**6-Chloro-7-deaza-9-( $\alpha$ -D-ribofuranosyl)purine**• 4-Chloro-7- $\alpha$ -D-ribofuranosyl-7H-pyrrolo[2,3-d]pyrimidine[120401-32-3] C<sub>11</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>4</sub> 285.68

MC16653	5mg	\$120.00
	10mg	\$218.00
	25mg	\$396.50



Refs: Dunn, D, et al, Lancet, 353, 1829

**6-Chloro-6-deoxy-D-glucose**

• (2R,3S,4S,5S)-6-Chloro-2,3,4,5-tetrahydroxyhexanal

[40656-44-8] C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

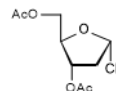
MC146795

Price On Application

**1-Chloro-2-deoxy-3,5-di-O-acetyl- $\alpha$ -D-ribofuranose**[73446-73-8] C<sub>9</sub>H<sub>13</sub>ClO<sub>5</sub> 236.65

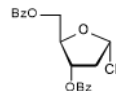
MC29642

5g	\$1575.00
10g	\$2572.50
25g	\$3937.50

**1-Chloro-2-deoxy-3,5-di-O-benzoyl- $\alpha$ -D-ribofuranose**[503625-15-8] C<sub>19</sub>H<sub>17</sub>ClO<sub>5</sub> 360.79

MC29643

5g	\$1475.00
10g	\$2250.00
25g	\$3750.00

**1-Chloro-2-deoxy-3,5-di-O-(p-chlorobenzoyl)-L-ribofuranose**

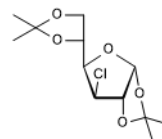
MC14366

Price On Application

**3-Chloro-3-deoxy-1,2:5,6-di-O-isopropylidene- $\alpha$ -D-glucufuranose**[32785-94-7] C<sub>12</sub>H<sub>19</sub>ClO<sub>5</sub> 278.73

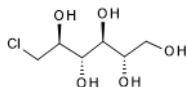
MC04689

500mg	\$105.00
1g	\$189.00
2g	\$367.50

**6-Chloro-6-deoxy-D-allitol**C<sub>6</sub>H<sub>13</sub>ClO<sub>5</sub> 200.62

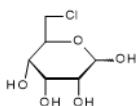
MC08728

50mg	\$1500.00
100mg	\$2200.00

**6-Chloro-6-deoxy-D-allose**C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

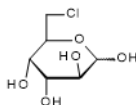
MC08729

Price On Application

**6-Chloro-6-deoxy-D-altrose**C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

MC08730

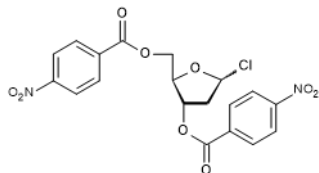
Price On Application



**1-Chloro-2-deoxy-3,5-di-O-p-nitrobenzoyl-D-ribofuranose**[51841-98-6] C<sub>19</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>9</sub> 450.78

MC10545

100mg	\$58.00
250mg	\$92.50
500mg	\$160.00

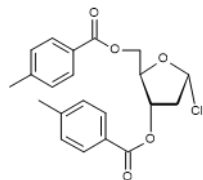
**1-Chloro-2-deoxy-3,5-di-O-toluoyl-a-D-ribofuranose**

• 2-Deoxy-3,5-di-O-(4-toluoyl)-a-D-erythro-pentofuranosyl chloride  
 • 3,5-Di-O-4-tolouyl-2-deoxy-D-ribofuranosyl chloride

[4330-21-6] C<sub>21</sub>H<sub>21</sub>ClO<sub>5</sub> 388.84

MC02788

5g	\$90.00
10g	\$165.00
25g	\$325.00

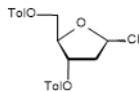


Refs: Neeley WL, Henderson PT, Essigmann JM, Org. Lett. 2004, Vol6, No2, p245-248

**1-Chloro-2-deoxy-3,5-di-O-toluoyl-D-ribofuranose**[3601-89-6] C<sub>21</sub>H<sub>21</sub>ClO<sub>5</sub> 388.84

MC06108

5g	\$90.00
10g	\$165.00
25g	\$325.00

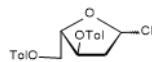


Refs: Ono A, Tate S, Ishido Y, et al, J. Biomolec. NMR 1994, Vol4, No4, p581-586

**1-Chloro-2-deoxy-3,5-di-O-toluoyl-L-ribofuranose**[141846-57-3] C<sub>21</sub>H<sub>21</sub>ClO<sub>5</sub> 388.84

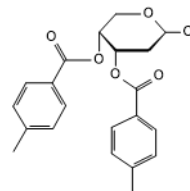
MC04436

5g	\$70.00
10g	\$120.00
25g	\$225.00

**1-Chloro-2-deoxy-3,4-di-O-toluoyl-D-ribofuranose**[516511-18-5] C<sub>21</sub>H<sub>21</sub>ClO<sub>5</sub> 388.84

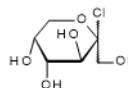
MC45445

50mg	\$400.00
100mg	\$600.00
250mg	\$1125.00

**1-Chloro-1-deoxy-D-fructose**[32785-93-6] C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

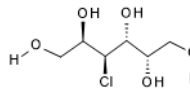
MC04178

250mg	\$85.00
500mg	\$130.00
1g	\$231.00

**4-Chloro-4-deoxy-D-galactitol**C<sub>6</sub>H<sub>13</sub>ClO<sub>5</sub> 200.62

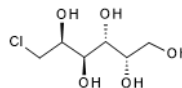
MC08727

Price On Application

**6-Chloro-6-deoxy-D-galactitol**C<sub>6</sub>H<sub>13</sub>ClO<sub>5</sub> 200.62

MC08731

50mg	\$1950.00
100mg	\$2700.00



## Chlorodeoxyg

## 4-Chloro-4-deoxy-D-galactose

MC74928

1g \$1358.70

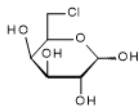


## 6-Chloro-6-deoxy-D-galactose

C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

MC08732

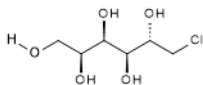
Price On Application



## 6-Chloro-6-deoxy-D-glucitol

C<sub>6</sub>H<sub>12</sub>ClO<sub>5</sub> 200.62

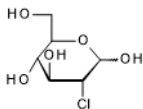
MC08733

50mg \$1500.00  
100mg \$2200.00

## 2-Chloro-2-deoxy-D-glucose

[14685-79-1] C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

MC06622

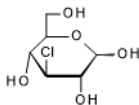
5mg \$75.00  
10mg \$120.00  
25mg \$180.00

Refs: Sakata T, Fujimoto K, Kurata K, et al, Int. J. Obes. 1987, 11, Suppl. 3, p27-33

## 3-Chloro-3-deoxy-D-glucose

[22933-89-7] C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

MC04677

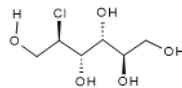
50mg \$60.00  
100mg \$100.00  
250mg \$185.00

## 2-Chloro-2-deoxy-D-mannitol

C<sub>6</sub>H<sub>13</sub>ClO<sub>5</sub> 200.62

MC08726

Price On Application

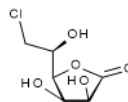


## 6-Chloro-6-deoxy-D-mannono-1,4-lactone

C<sub>6</sub>H<sub>8</sub>ClO<sub>5</sub> 196.59

MC08734

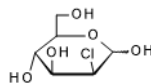
Price On Application



## 2-Chloro-2-deoxy-D-mannose

C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

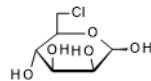
MC01852

10mg \$210.00  
25mg \$420.00  
50mg \$682.50

## 6-Chloro-6-deoxy-D-mannose

[4990-81-2] C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

MC08735

10mg \$115.50  
25mg \$210.00  
50mg \$367.50

## 1-Chloro-2-deoxy-2-phthalimido-3,4,6-tri-O-acetyl-b-D-glucopyranoside

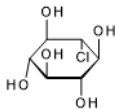
see 3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl chloride, MT05342 on page 567



**1-Chloro-1-deoxy-scyllo-inositol**C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub> 198.6

MC08725

5mg	\$975.00
10mg	\$1500.00
25mg	\$2500.00

**2-Chloro-2-deoxy-1,3,4,6-tetra-acetyl-D-glucopyranose**

MC05493

Price On Application

**3-Chloro-3-deoxy-1,2,4,6-tetra-O-acetyl-D-glucopyranose**

see 1,2,4,6-Tetra-O-acetyl-3-chloro-3-deoxy-D-glucopyranose, MT06798 on page 518

**2-Chloro-2-Deoxy-1,3,5-tri-O-benzoyl-D-ribofuranose**

MC138491

Price On Application

**1-Chloro-3,5-di-O-(4-chlorobenzoyl)-2-deoxy-a-D-ribofuranose**

• 2-deoxy-3,5-bis-O-(p-chlorobenzoyl)-D-ribofuranosyl chloride

[21740-23-8] C<sub>19</sub>H<sub>15</sub>Cl<sub>3</sub>O<sub>5</sub> 429.68

MC145897

10g	\$55.00
25g	\$95.00
50g	\$175.00

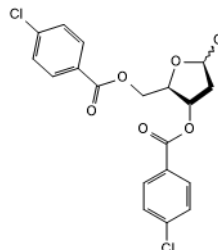
**1-Chloro-3,5-di-O-(4-chlorobenzoyl)-2-deoxy-D-ribofuranose**

- 3,5-Di-O-(4-chlorobenzoyl)-2-deoxy-D-erythro-pentofuranosyl chloride
- 1-Chloro-3,5-di-O-(4-chlorobenzoyl)-2-deoxy-D-ribose

[3601-90-9] C<sub>19</sub>H<sub>15</sub>Cl<sub>3</sub>O<sub>5</sub> 429.68

MC03466

10g	\$55.00
25g	\$95.00
50g	\$175.00



Refs: Rasmussen M, Leonard NJ, J. Am. Chem. Soc. 1967, p5439

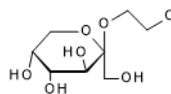
**1-Chloro-3,5-di-O-(4-chlorobenzoyl)-2-deoxy-D-ribose**

see 1-Chloro-3,5-di-O-(4-chlorobenzoyl)-2-deoxy-D-ribofuranose, MC03466 on page 145

**2-Chloroethyl-b-D-fructopyranoside**[84543-36-2] C<sub>8</sub>H<sub>15</sub>ClO<sub>6</sub> 242.65

MC00695

500mg	\$75.00
1g	\$125.00
2g	\$220.00

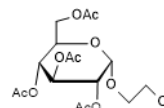
**2-Chloroethyl-2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside**

• 2,3,4,6-Tetra-O-acetyl-1-(2-chloroethyl)-a-D-mannopyranoside

[849420-02-6] C<sub>18</sub>H<sub>23</sub>ClO<sub>10</sub> 410.8

MC05415

Price On Application

**8-Chloro-6-(2-fluorophenyl)-1-methyl-4H-imidazo[1,5-A][1,4]benzodiazepin-4-yl b-D-glucopyranuronic acid**

see (4-Hydroxymidazolam)-b-D-glucuronide, MH07442 on page 318

## Chlorohydrox

## 5-Chloro-8-hydroxyquinoline b-D-glucuronide

[65851-39-0] C<sub>15</sub>H<sub>14</sub>ClNO<sub>7</sub> 355.73

MC44428

Price On Application



## 2-Chloro-4-nitrophenyl 2-azido-2-deoxy-b-D-galactopyranoside

C<sub>12</sub>H<sub>13</sub>ClN<sub>4</sub>O<sub>7</sub> 360.71

MC31813

1mg	\$50.00
2mg	\$70.00
5mg	\$100.00



## 1-[2-(4-Chlorophenoxy)-2-methylpropanoate] b-D-glucopyranuronic acid

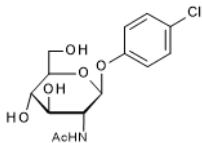
see Clofibrac acid acyl-b-D-glucuronide, MC16658 on page 149

## 4-Chlorophenyl 2-acetamido-2-deoxy-b-D-glucopyranoside

[50730-05-7] C<sub>14</sub>H<sub>16</sub>ClNO<sub>6</sub> 331.75

MC00855

Price On Application

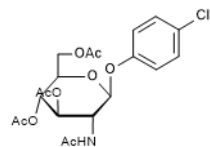


## 4-Chlorophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside

[50729-97-0] C<sub>20</sub>H<sub>24</sub>ClNO<sub>9</sub> 457.86

MC01048

Price On Application

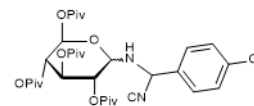


## N-[2-(4'-Chlorophenylacetonitrile)]-2,3,4,6-tetra-pivaloyl-D-glucopyranoside

C<sub>34</sub>H<sub>49</sub>ClN<sub>2</sub>O<sub>8</sub> 649.23

MC08449

Price On Application

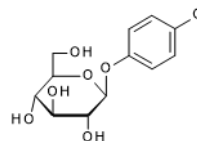


## 4-Chlorophenyl b-D-glucopyranoside

[4756-30-3] C<sub>12</sub>H<sub>15</sub>ClO<sub>6</sub> 290.7

MC00852

5g	\$309.80
10g	\$441.00
25g	\$656.50

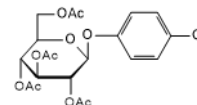


## 4-Chlorophenyl-2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside

[5041-92-9] C<sub>20</sub>H<sub>23</sub>ClO<sub>10</sub> 458.9

MC01053

Price On Application



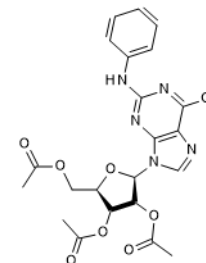
## 6-Chloro-N-phenyl-9-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)-9H-purin-2-amine

• 2-Phenylamino-6-chloro-9-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)purine

[53296-14-3] C<sub>22</sub>H<sub>22</sub>ClN<sub>6</sub>O<sub>7</sub> 503.89

MC16654

25mg	\$175.00
50mg	\$318.00
100mg	\$578.00



**1-[1-[[[(1R)-1-[3-[(1E)-2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]thio]methyl]cyclopropaneacetate] b-D-glucopyranuronic acid**

see Montelukast acyl-b-D-glucuronide acetic acid salt, MM07213 on page 432

**4-Chloro-7-a-D-ribofuranosyl-7H-pyrrolo[2,3-d]pyrimidine**

see 6-Chloro-7-deaza-9-(a-D-ribofuranosyl)purine, MC16653 on page 142

**1-Chloro-2,3,4,6-tetra-o-acetyl-a-D-galactopyranose**

see 2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl chloride, MT04396 on page 524

**1-Chloro-2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside**

see 2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl chloride, MT05768 on page 534

**Chloro-2,3,4,6-tetra-O-benzyl-a-D-glucopyranoside**

see 2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl chloride, MT04695 on page 547

**(2R,3S,4S,5S)-6-Chloro-2,3,4,5-tetrahydroxyhexanal**

see 6-Chloro-6-deoxy-D-glucose, MC146795 on page 142

**1-Chloro-2,3,5-tri-O-p-chlorobenzoyl-a-D-ribofuranoside**

see 2,3,5-Tri-O-p-chlorobenzoyl-a-D-ribofuranosyl chloride, MT04685 on page 587

**Chloro-2,3,5-tri-O-p-chlorobenzoyl-b-D-ribofuranoside**

see 2,3,5-Tri-O-p-chlorobenzoyl-b-D-ribofuranosyl chloride, MT04679 on page 588

**Chondrosamine**

see D-Galactosamine HCl, MG05030 on page 274

**D-Chondrosamine Hydrochloride**

see D-Galactosamine HCl, MG05030 on page 274

**D-Chondrosamine hydrochloride**

see D-Galactosamine HCl - Synthetic origin, MG158512 on page 274

**Chrysin-7-glucuronide**

[35775-49-6] C<sub>21</sub>H<sub>18</sub>O<sub>10</sub> 430.36

MC74556

5mg \$95.00  
10mg \$165.00  
25mg \$295.00



**Chrysoeriol-7-O-glucoside**

see Thermoposide, MT74542 on page 555

**CI 909**

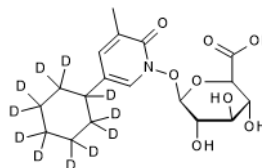
see Tiazofurin, MT16870 on page 558

**Ciclopirox-D11 D-glucuronide**

C<sub>18</sub>H<sub>14</sub>NO<sub>8</sub>D<sub>11</sub> 394.47

MC09481

Price On Application

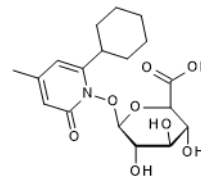


**Ciclopirox D-glucuronide**

[79419-54-8] C<sub>18</sub>H<sub>25</sub>NO<sub>8</sub> 383.4

MC09480

1mg \$304.50  
2mg \$514.50  
5mg \$840.00



**Cimicifugoside**

[66176-93-0] C<sub>37</sub>H<sub>54</sub>O<sub>11</sub> 674.82

MC33274

1mg \$60.00  
2mg \$90.00  
5mg \$157.50



**Cimifuginglu****Cimifugin 4'-O-b-D-glucopyranoside**

[1632110-81-6]

MC74555

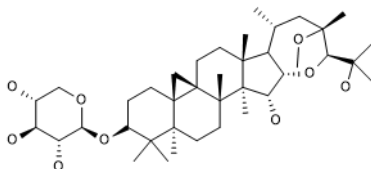
1mg	\$86.00
2mg	\$150.00
5mg	\$300.00

**Cimifugin b-D-glucopyranoside**see *Prim-O-glucosylcimifugin*, MP08135 on page 479**Cimigenoside**

[27994-11-2]

MC44390

5mg	\$92.00
10mg	\$160.00
25mg	\$320.00

**trans-Cinnamoyl b-D-glucoside**

• 1-[(2E)-3-Phenyl-2-propenoate]-b-D-Glucopyranose

[40004-96-4]

C<sub>15</sub>H<sub>18</sub>O<sub>7</sub> 310.3

MC146141

5mg	\$750.00
10mg	\$1200.00
20mg	\$1560.00

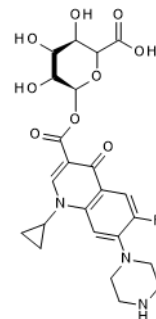
**Ciprofloxacin b-D-glucuronide**

• 1-[1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylate] b-D-glucopyranuronic acid

[105029-31-0] C<sub>23</sub>H<sub>26</sub>FN<sub>3</sub>O<sub>9</sub> 507.47

MC16655

1mg	\$149.90
2mg	\$272.60
5mg	\$495.50

Refs: Tanimura, H. et al, *Arzneim.-Forsch.*, 36, 1417 (1986); Hoffken, G. et al, *Antimicrob. Ag. Chemother.*, 27, 375 (1985); Scully, B.E. et al, *Lancet*, 1, 819 (1986)**Cirsimarín**• 2-[4-(b-D-Glucopyranosyloxy)phenyl]-5-hydroxy-6,7-dimethoxy-4H-1-Benzopyran-4-one  
• 5,4'-Dihydroxy-6,7-dimethoxyflavone 4'-O-b-D-glucoside[13020-19-4] C<sub>23</sub>H<sub>24</sub>O<sub>11</sub> 476.43

MC13481

1mg	\$235.00
2mg	\$380.00
5mg	\$750.00

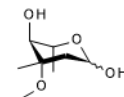
**Cladinose**

• 2,6-Dideoxy-3-C-methyl-3-O-methyl-ribo-hexose

[470-12-2] C<sub>8</sub>H<sub>16</sub>O<sub>4</sub> 176.21

MC16656

Price On Application

Refs: Darrington, R. et al, *J. Pharm. Sci.*, 93, 838 (2004); Randolph, J. et al, *J. Med. Chem.*, 47, 1085 (2004)

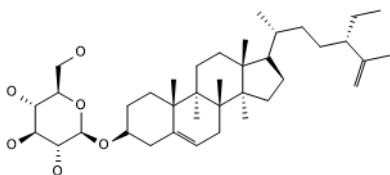
C

**Clerosterol glucoside**

[123621-00-1]

MC44385

1mg	\$195.00
2mg	\$325.00
5mg	\$495.00

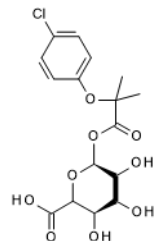
**Clofibric acid acyl-b-D-glucuronide**

- 1-[2-(4-Chlorophenoxy)-2-methylpropanoate] b-D-glucopyranuronic acid
- Clofibric b-glucuronide
- Clofibric acid glucuronide

[72072-47-0] C<sub>16</sub>H<sub>19</sub>ClO<sub>9</sub> 390.77

MC16658

1mg	\$254.40
2mg	\$462.50
5mg	\$840.90



Refs: Ding, A, et al, Drug. Metab. Dispos, 23, 369

**Clofibric acid glucuronide**see *Clofibric acid acyl-b-D-glucuronide*, MC16658 on page 149**Clofibric b-glucuronide**see *Clofibric acid acyl-b-D-glucuronide*, MC16658 on page 149**Clopidogrel acyl glucuronide**C<sub>21</sub>H<sub>22</sub>ClNO<sub>6</sub>S 483.92

MC31652

5mg	\$1600.00
10mg	\$3050.00
25mg	\$7250.00

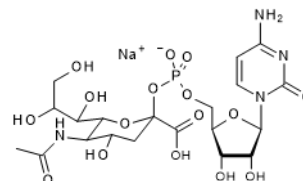
**CMP-N-acetylneuraminic acid sodium salt**

- CMP-NANA
- Cytidine 5'-monophospho-b-D-N-acetylneuraminic acid sodium salt

[3063-71-6] C<sub>20</sub>H<sub>30</sub>N<sub>4</sub>O<sub>16</sub>P·Na 636.43

MC04391

2mg	\$60.00
5mg	\$100.00
10mg	\$150.00

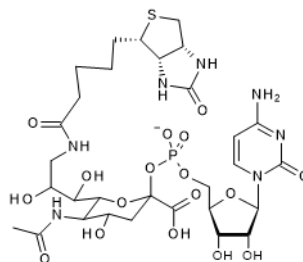


Refs: Endo T, Koizumi S, Tabata K, Ozaki A, , App. Micro. Biotech, 2000, 53, 3, p257

**CMP-N-acetylneuraminic acid 9-sp-biotin**

MC137342

Price On Application

**CMP-N-glycolylneuraminic acid**

- N-(2-hydroxyacetyl)-b-neuraminic acid 2-(hydrogen 5'-cytidylate)
- CMP-NeuGc

[98300-80-2] C<sub>20</sub>H<sub>31</sub>N<sub>4</sub>O<sub>17</sub>P 630.45

MC158029

Price On Application

**CMP-NANA**see *CMP-N-acetylneuraminic acid sodium salt*, MC04391 on page 149**CMP-NeuGc**see *CMP-N-glycolylneuraminic acid*, MC158029 on page 149

**CMPPse****CMP-Pse**see *CMP-Pseudaminic acid*, MC45015 on page 150**CMP-Pseudaminic acid**• **CMP-Pse**C<sub>22</sub>H<sub>32</sub>N<sub>5</sub>O<sub>15</sub>P 637.49

MC45015

Price On Application

**CNAG**see *2-Acetamido-N-(ε-aminocaproyl)-2-deoxy-b-D-glucopyranosyl amine*, MA03186 on page 9**Cochineal**• **Carmine**[1343-78-8] C<sub>22</sub>H<sub>20</sub>O<sub>13</sub> 492.39

MC64838

Price On Application

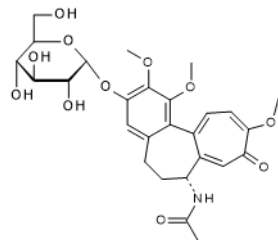
**Colchicoside**

- (S)-N-[3-(b-D-Glucopyranosyloxy)-5,6,7,9-tetrahydro-1,2,10-trimethoxy-9-oxobenzo[a]heptalen-7-yl]acetamide
- N-[(7S)-3-(b-D-Glucopyranosyloxy)-5,6,7,9-tetrahydro-1,2,10-trimethoxy-9-oxobenzo[a]heptalen-7-yl]acetamide
- 3-Demethylcolchicine glucoside

[477-29-2] C<sub>27</sub>H<sub>33</sub>NO<sub>11</sub> 547.55

MC16661

25mg	\$60.00
50mg	\$100.00
100mg	\$170.00



Refs: Chaudhuri, P, et al, J. Nat. Prod, 56, 1174 (1993); Gomez, D, et al, J. Chem. Ecol, 29, 1117 (2003)

**Colitose**• **3,6-Dideoxy-L-xylo-hexose**[4221-05-0] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

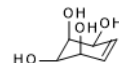
MC71709

500mg	\$1850.00
1g	\$2950.00

**Collettinside I**see *Polyphyllin A*, MP42776 on page 478**Coloside A**see *2-O-b-D-Glucopyranosylcurbitacin E*, MG157159 on page 290**Conduritol D**• **(1R,2R,3S,4S)-rel-5-cyclohexene-1,2,3,4-tetrol**[4782-75-6] C<sub>6</sub>H<sub>10</sub>O<sub>4</sub> 146.14

MC16662

2mg	\$45.50
5mg	\$82.60
10mg	\$150.20

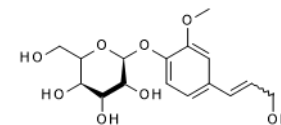
**Coniferin**

- 4-(3-Hydroxy-1-propen-1-yl)-2-methoxyphenyl b-glucopyranoside
- 4-Hydroxy-3-methoxy-1-(gamma-hydroxypropenyl)benzene-4-D-glucoside
- Abietin

[531-29-3] C<sub>16</sub>H<sub>22</sub>O<sub>8</sub> 342.34

MC16663

1mg	\$175.00
2mg	\$315.00
5mg	\$525.00



Refs: Hosokawa, A, et al, Chem. Pharm. Bull, 52, 1265 (2004); Luo, B, et al, Chem. Nat. Comp, 45, 371 (2009); She, G, et al, Chem. &amp; Biodivers, 6, 875 (2009); Liu, Q, et al, J. Agric. Food Chem, 57, 586 (2009)

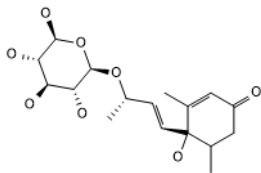
**Copper gluconate**see *D-Gluconic acid copper (II) salt*, MG07603 on page 287

**Corchoionoside C**

[185414-25-9]

MC44381

Price On Application

**b-Core-APE-HSA**

MC03883

Price On Application

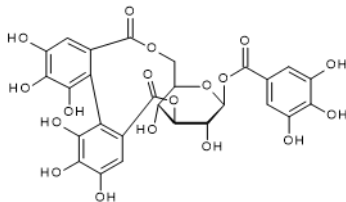
**Cori Ester Dipotassium Salt**see *a-D-Glucose-1-phosphate dipotassium salt hydrate*, MG03639 on page 299**Corilagin**

• 1-O-Galloyl-3,6-hexahydroxydiphenol-D-glucopyranose

[23094-69-1] C<sub>27</sub>H<sub>22</sub>O<sub>18</sub> 634.45

MC11453

5mg	\$95.00
10mg	\$150.00
25mg	\$225.00

**Corn Cob - Syrup**

MC16309

Price On Application

**Cornuside**

• 7-Galloylsecologanol

[131189-57-6] C<sub>24</sub>H<sub>30</sub>O<sub>14</sub> 542.49

MC33273

1mg	\$69.00
2mg	\$116.00
5mg	\$225.00

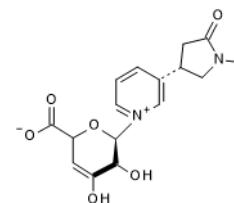
**Corrigen**see *Oleandrin*, MO26544 on page 445**Cotinine N-(4-deoxy-4,5-didehydro)-b-D-glucuronide**

• N-(b-D-4-Deoxy-4,5-didehydroglucopyranosyl)uronate, cotinium inner salt

[146275-15-2] C<sub>16</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub> 334.32

MC16664

1mg	\$218.10
2mg	\$360.00
5mg	\$740.80

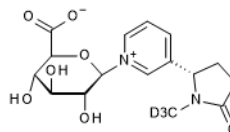


Refs: Benowitz, N. et al, Clin. Pharmacol. Ther, 56, 483 (1994)

**Cotinine N-b-glucuronide-D3**C<sub>16</sub>H<sub>17</sub>N<sub>2</sub>O<sub>7</sub>D<sub>3</sub> 355.36

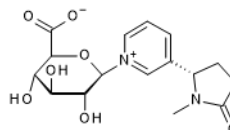
MC10406

1mg	\$315.00
5mg	\$1050.00
10mg	\$1890.00

**Cotinine b-D-glucuronide**[139427-57-9] C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 352.34

MC10427

1mg	\$178.50
2mg	\$336.00
5mg	\$630.00



**Coumaric acid****Coumaric acid 4-O-glucoside**[14364-05-7] C<sub>15</sub>H<sub>16</sub>O<sub>8</sub> 326.3

MC71595

Price On Application

**1-O-(4-Coumaroyl)-b-D-glucose**see *p-Coumaroyl-b-D-glucose*, MC71950 on page 152**p-Coumaroyl-b-D-glucose**

- 1-O-(4-Hydroxycinnamoyl)-b-D-glucose
- 1-O-(4-Coumaroyl)-b-D-glucose

[7139-64-2] C<sub>15</sub>H<sub>16</sub>O<sub>8</sub> 326.3

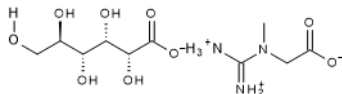
MC71950

5mg	\$950.00
10mg	\$1650.00
20mg	\$2200.00

**Creatine Gluconate**C<sub>8</sub>H<sub>11</sub>O<sub>7</sub>·C<sub>4</sub>H<sub>10</sub>N<sub>5</sub>O<sub>2</sub> 327.29

MC09478

250g	\$40.00
500g	\$55.00
1kg	\$94.50

**Croscarmellose sodium**

- Sodium carboxymethyl cellulose

[74811-65-7] C<sub>28</sub>H<sub>30</sub>Na<sub>6</sub>O<sub>27</sub> 982.44

MC32330

100g	\$45.00
250g	\$75.00
500g	\$125.00

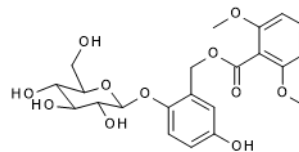
**Cucurbitacin E 2-O-b-D-glucopyranoside**see *2-O-b-D-Glucopyranosylcucurbitacin E*, MG157159 on page 290**Curculigoside**

- 2-[[[(2,6-Dimethoxybenzoyl)oxy]methyl]-4-hydroxyphenyl b-D-glucopyranoside
- Curculigoside A

[85643-19-2] C<sub>22</sub>H<sub>26</sub>O<sub>11</sub> 466.44

MC09479

10mg	\$131.30
25mg	\$236.50
50mg	\$300.00



Refs: Zhongcaoyao, 1986, 17, p8

**Curculigoside A**see *Curculigoside*, MC09479 on page 152**Cyanidin-3-O-arabinose chloride**[27214-72-8] C<sub>20</sub>H<sub>19</sub>O<sub>10</sub>Cl 454.81

MC31211

1mg	\$95.00
2mg	\$150.00
5mg	\$250.00

**Cyanidin 3-O-b-(6''-O-E-p-coumaroyl-sambubioside)-5-O-b-glucopyranoside**see *Cyanidin-3-O-coumaroyl sambubioside-5-glucoside*, MC71625 on page 152**Cyanidin-3-O-coumaroyl sambubioside-5-glucoside**

- Cyanidin 3-O-b-(6''-O-E-p-coumaroyl-sambubioside)-5-O-b-glucopyranoside

C<sub>43</sub>H<sub>45</sub>O<sub>24</sub>F<sub>3</sub> 1002.8

MC71625

1mg	\$75.00
2mg	\$125.00
5mg	\$195.00





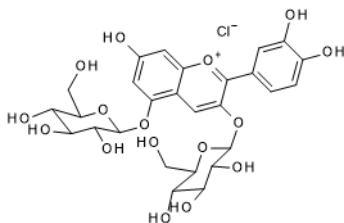
**Cyanidin-3,5-di-O-glucoside**

• Cyanin chloride

[2611-67-8] C<sub>27</sub>H<sub>31</sub>O<sub>16</sub>·Cl 646.99

MC09474

1mg	\$75.00
2mg	\$130.00
5mg	\$250.00

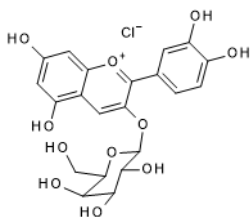
**Cyanidin-3-O-galactoside chloride**

• Ideain chloride

[27661-36-5] C<sub>21</sub>H<sub>21</sub>O<sub>11</sub>·Cl 484.85

MC09475

1mg	\$117.60
2mg	\$176.40
5mg	\$350.00

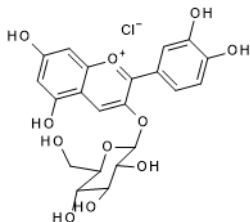
**Cyanidin-3-O-glucoside chloride**

• Kuromanin chloride

[7084-24-4] C<sub>21</sub>H<sub>21</sub>O<sub>11</sub>·Cl 484.85

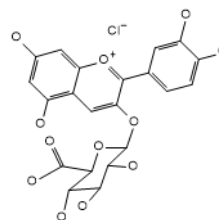
MC09473

1mg	\$50.00
2mg	\$70.00
5mg	\$100.00

**Cyanidin-3-O-glucuronide**[775284-61-2] C<sub>21</sub>H<sub>19</sub>O<sub>12</sub>·Cl 498.82

MC16171

Price On Application

**Cyanidin-3-O-lathyroside chloride**[31073-32-2] C<sub>26</sub>H<sub>29</sub>O<sub>15</sub>·Cl 616.95

MC31213

1mg	\$65.00
2mg	\$95.00
5mg	\$195.00

**Cyanidin-3-O-rhamnoside chloride**[38533-30-1] C<sub>21</sub>H<sub>21</sub>O<sub>10</sub>Cl 468.84

MC31215

1mg	\$600.00
2mg	\$950.00
5mg	\$1890.00

**Cyanidin-3-O-sambubioside chloride**[33012-73-6] C<sub>26</sub>H<sub>29</sub>O<sub>15</sub>Cl 616.95

MC31212

1mg	\$150.00
2mg	\$250.00
5mg	\$475.00



## Cyanidinsoph

## Cyanidin-3-O-sophoroside chloride

• 2-(3,4-Dihydroxyphenyl)-3-[(2-O-b-D-glucopyranosyl-a-D-glucopyranosyl)oxy]-5,7-dihydroxy-1-benzopyrylium chloride

[38820-68-7] C<sub>27</sub>H<sub>31</sub>O<sub>16</sub>Cl 646.98

MC31214

1mg	\$160.00
2mg	\$250.00
5mg	\$425.00



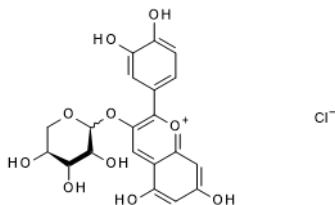
## Cyanidin 3-xyloside

• 2-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-3-(D-xylopyranosyloxy)-1-benzopyrylium chloride

[29761-24-8] C<sub>20</sub>H<sub>19</sub>ClO<sub>10</sub> 454.81

MC16665

0.5mg	\$150.00
1mg	\$295.00
2mg	\$550.00



Refs: Bakowska-Barczak, A, et al, J. Agric. Food Chem, 56, 9933 (2008); Tarko, T, et al, Food Technol. Biotechnol, 47, 456 (2009); Borowska, E, et al, Ital. J. Food Sci, 21, 197 (2009); Usenik, V, et al, Food Chem, 114, 529 (2009)

## Cyanin chloride

see *Cyanidin-3,5-di-O-glucoside*, MC09474 on page 153

## 1-Cyano-2-deoxy-3,5-di-O-toluoyl-a-D-ribofuranose

MC158759

500mg	\$50.00
1g	\$75.00
2g	\$120.00



## 1-Cyano-2-deoxy-3,5-di-O-toluoyl-D-ribofuranose

• 2,5-Anhydro-3-deoxy-4,6-di-O-(4-methylbenzoyl)-D-erythro-hexononitrile

[406955-52-0]

MC05949

100mg	\$50.00
250mg	\$105.00
500mg	\$185.00



## 5-[(1E)-2-Cyano-3-(diethylamino)-3-oxo-1-propenyl]-2-hydroxy-3-nitrophenyl b-D-glucopyranosiduronic acid

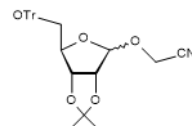
see *Entacapone 3-b-D-glucuronide*, ME16707 on page 234

## Cyanomethyl 2,3-O-isopropylidene-5-O-trityl-D-ribofuranoside

C<sub>29</sub>H<sub>29</sub>NO<sub>5</sub> 471.54

Price On Application

MC10481

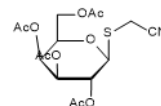


## Cyanomethyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside

[61145-33-3] C<sub>16</sub>H<sub>21</sub>NO<sub>9</sub>S 403.41

MC04530

250mg	\$75.00
500mg	\$125.00
1g	\$195.00



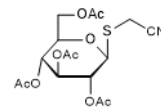
Refs: Lee Y-C, et al, Biochemistry 1976, 15, 18, p3956; Lee Y-C, et al, Biochemistry 1980, 19, p4899

## Cyanomethyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucopyranoside

C<sub>16</sub>H<sub>21</sub>NO<sub>9</sub>S 403.41

MC10937

100mg	\$126.00
250mg	\$262.50
500mg	\$475.00



Cyanomethyl-2,3,4,6-tetra-O-acetyl- $\alpha$ -D-thiomannopyranoside

[61145-39-9]

MC63203

250mg	\$2250.00
500mg	\$2900.00



## Cyclohexyl b-D-glucopyranoside

MC15192

1g	\$420.00
2g	\$693.00
5g	\$1443.80



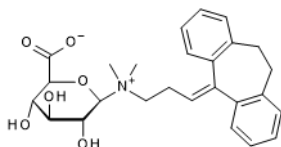
## Cyclobenzaprine b-D-glucuronide

[67324-97-4]

C<sub>26</sub>H<sub>31</sub>NO<sub>6</sub> 453.53

MC10388

1mg	\$235.00
2mg	\$450.00
5mg	\$975.00



## trans-4-Cyclohexyl-1-[[hydroxy(4-phenylbutyl)phosphinyl]acetyl]-L-proline b-D-glucopyranuronosyl ester

see Fosinoprilat acyl-b-D-glucuronide, MF16729 on page 264

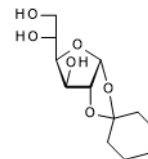
1,2-O-Cyclohexylidene- $\alpha$ -D-glucofuranose

[16832-21-6]

C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MC03955

1g	\$42.00
2g	\$63.00
5g	\$105.00



Refs: Koroteev MP, Prozorovskii AE, Teleshev AT, J. Struct. Chem. 1993, Vol33, No4, p584-588

## Cyclohexanone, 2,3,4,5-tetrahydroxy-, (2R,3S,4R,5S)-rel-

see 2-Deoxy-scyлло-inosose, MD44771 on page 185

## (1R,2R,3S,4S)-rel-5-cyclohexene-1,2,3,4-tetrol

see Conduritol D, MC16662 on page 150

## 4-Cyclohexylbutyl-b-D-glucopyranoside

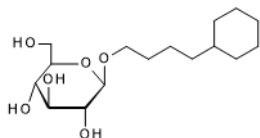
• 4-Cyclohexyl-1-butyl-b-D-glucoside

[869542-54-1]

C<sub>16</sub>H<sub>30</sub>O<sub>6</sub> 318.41

MC06154

25mg	\$62.50
50mg	\$97.50
100mg	\$140.00



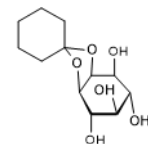
## 1,2-O-Cyclohexylidene-myо-inositol

[6763-47-9]

C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MC07252

2g	\$89.30
5g	\$168.00
10g	\$262.50

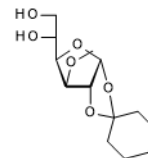
1,2-O-Cyclohexylidene-3-O-methyl- $\alpha$ -D-glucofuranose

[13322-87-7]

C<sub>13</sub>H<sub>22</sub>O<sub>6</sub> 274.31

MC05053

1g	\$94.50
2g	\$147.00
5g	\$252.00



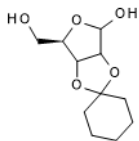
## 4-Cyclohexyl-1-butyl-b-D-glucoside

see 4-Cyclohexylbutyl-b-D-glucopyranoside, MC06154 on page 155

**Cyclohexylid****2,3-O-Cyclohexylidene-b-D-ribofuranose**[177414-91-4] C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

MC16666

250mg	\$125.00
500mg	\$230.00
1g	\$413.00

**2,3-O-Cyclohexylidene-D-ribonic acid gamma-lactone**see *D-Ribonolactone 2,3-cyclohexyl ketal*, MR16851 on page 496**2,3-O-Cyclohexylidene-D-ribono-1,4-lactone**see *D-Ribonolactone 2,3-cyclohexyl ketal*, MR16851 on page 496**1,2-O-Cyclohexylidene-a-D-xylopentodi-aldo-1,4-fructose**

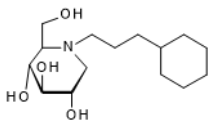
MC00450

Price On Application

**N-Cyclohexylpropyl deoxynojirimycin**[133342-48-0] C<sub>15</sub>H<sub>29</sub>NO<sub>4</sub> 287.4

MC07269

1mg	\$187.00
2mg	\$300.00
5mg	\$600.00

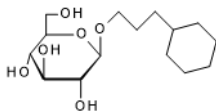
**3-Cyclohexylpropyl-b-D-glucopyranoside**

• 3-Cyclohexyl-1-propyl-b-D-glucoside

[869541-00-4] C<sub>15</sub>H<sub>26</sub>O<sub>6</sub> 304.38

MC05101

1g	\$126.00
2g	\$210.00
5g	\$420.00

**3-Cyclohexyl-1-propyl-b-D-glucoside**see *3-Cyclohexylpropyl-b-D-glucopyranoside*, MC05101 on page 156**1-[1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-[(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-3-quinolinecarboxylate] b-D-glucopyranuronic acid**see *rac cis-moxifloxacin acyl-b-D-glucuronide*, MR16843 on page 433**1-[1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylate] b-D-glucopyranuronic acid**see *Ciprofloxacin b-D-glucuronide*, MC16655 on page 148**Cyclosiversioside F**see *Astragaloside IV*, MA08288 on page 87**Cynaroside**see *Luteolin-7-O-D-glucopyranoside*, ML08112 on page 350**Cys-spacer-Gly-Gly-Tyr-D-Thr-Gly-Phe-Leu-Ser(glucoside)-amide**

MC10486

Price On Application

**Cytidine 5'-monophospho-b-D-N-acetylneuraminic acid sodium salt**see *CMP-N-acetylneuraminic acid sodium salt*, MC04391 on page 149**Dabigatran 2-Acyl Glucuronide-D3**

MD46631

Price On Application



**Dabigatran 3-acyl glucuronide**

MD46629

Price On Application

**Dabigatran 4-Acyl Glucuronide**

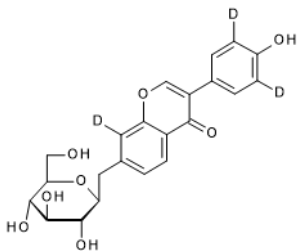
MD46630

Price On Application

**DAHP**see *3-Deoxy-D-arabino-heptulosonic acid 7-phosphate disodium salt, MD00561 on page 162***Daidzein-D3-7-O-b-D-glucopyranoside**[220930-97-2] C<sub>22</sub>H<sub>19</sub>O<sub>8</sub>D<sub>3</sub> 417.43

MD09754

Price On Application

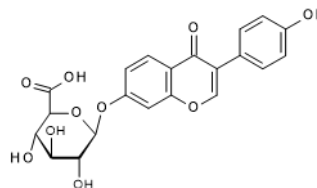
**Daidzein 7-O-b-D-glucopyranoside**see *Daidzin, MD08124 on page 157***Daidzein 7-O-b-D-glucuronide potassium salt**

• 3-(4-Hydroxyphenyl)-4-oxo-4H-1-benzopyran-7-yl b-D-Glucopyranosiduronic acid potassium salt

C<sub>21</sub>H<sub>19</sub>O<sub>10</sub> 430.36

MD07335

1mg	\$89.30
2mg	\$157.50
5mg	\$262.50

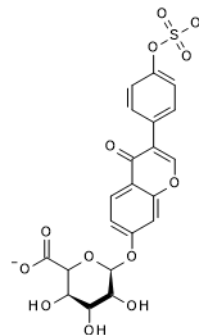
**Daidzein 7-b-D-glucuronide 4'-sulfate disodium salt**

• 4-Oxo-3-[4-(sulfooxy)phenyl]-4H-1-benzopyran-7-yl b-D-glucopyranosiduronic acid sodium salt

[1041134-19-3] C<sub>21</sub>H<sub>16</sub>Na<sub>2</sub>O<sub>13</sub>S 554.39

MD16667

1mg	\$454.30
2mg	\$825.90
5mg	\$1501.50

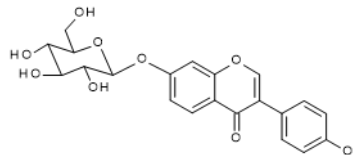
Na<sup>-</sup> Na<sup>+</sup>

Refs: Adlercreutz, H, et al, J. Steroid Mol. Biol, 52, 97 (1995); Kinjo, J, et al, Biol. Pharm. Bull, 27, 185 (2004)

**Daidzin**• Daidzein 7-O-b-D-glucopyranoside  
• 7-(b-D-glucopyranosyloxy)-3-(4-hydroxyphenyl)-4H-benzopyran-4-one[552-66-9] C<sub>21</sub>H<sub>20</sub>O<sub>9</sub> 416.38

MD08124

100mg	\$65.00
250mg	\$120.00
500mg	\$180.00



Refs: Justus Liebig's Ann. Chem, 1931, 489, p118



**Daidzinaceta****Daidzin 6-O-acetate**see *6-O-Acetyldaidzin*, MA09893 on page 30**Daidzin 6-O-malonate**see *6-O-Malonyldaidzin free acid*, MM09965 on page 352**Dapagliflozin**

- (1S)-1,5-Anhydro-1-C-[4-chloro-3-[(4-ethoxyphenyl)methyl]phenyl]-D-glucitol
- BMS 512148

[461432-26-8] C<sub>27</sub>H<sub>25</sub>ClO<sub>6</sub> 408.87

MD20795

100mg	\$95.00
250mg	\$175.00
500mg	\$300.00



Refs: Kasichayanula, S. et al, Diabetes, Obesity and Metabolism 13, 47 (2011)

**Dapagliflozin propanediol monohydrate**

• Dapagliflozin propylene glycol hydrate

[960404-48-2] C<sub>26</sub>H<sub>35</sub>ClO<sub>9</sub> 502.98

MD45346

Price On Application

**Dapagliflozin propylene glycol hydrate**see *Dapagliflozin propanediol monohydrate*, MD45346 on page 158**Darutin**see *Darutoside*, MD46041 on page 158**Darutoside**

• Darutin

[59219-65-7] C<sub>26</sub>H<sub>44</sub>O<sub>8</sub> 484.62

MD46041

5mg	\$595.00
10mg	\$1100.00

**Daunorubicin**

- (8S-cis)-8-Acetyl-10-[[[3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-5,12-naphthacenedione

[20830-81-3] C<sub>27</sub>H<sub>29</sub>NO<sub>10</sub> 527.52

MD32002

Price On Application

**Daunorubicin-13C,d3**<sup>13</sup>CC<sub>26</sub>H<sub>26</sub>D<sub>3</sub>NO<sub>10</sub> 531.53

MD34963

0.25mg \$900.00

**Daunorubicin-d3**C<sub>27</sub>H<sub>26</sub>D<sub>3</sub>NO<sub>10</sub> 530.54

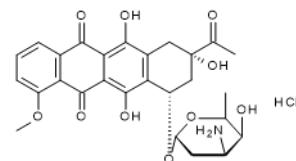
MD11677

Price On Application

**Daunorubicin HCl**[23541-50-6] C<sub>27</sub>H<sub>29</sub>NO<sub>10</sub>·HCl 563.98

MD11679

100mg	\$50.00
250mg	\$80.00
500mg	\$120.00



**Daunorubicinol**[28008-55-1] C<sub>27</sub>H<sub>31</sub>NO<sub>10</sub> 529.54

MD32003

1mg	\$120.00
2mg	\$190.00
5mg	\$425.00

**Daunorubicinol-D3**

MD11682

Price On Application

**L-Daunosamine**[749168-24-9] C<sub>6</sub>H<sub>11</sub>NO<sub>3</sub> 145.16

MD32301

25mg	\$675.00
50mg	\$1050.00
100mg	\$1800.00

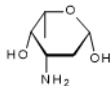
**L-Daunosamine hydrochloride**

- 3-Amino-2,3,6-trideoxy-L-lyxo-hexose
- L-Daunosamine hydrochloride

[19196-51-1][105497-63-0] C<sub>6</sub>H<sub>14</sub>NCIO<sub>3</sub> 183.63

MD07336

1mg	\$78.80
2mg	\$136.50
5mg	\$262.50



Refs: Pucko W, Le A, Ramza J, Zagrodzka J, Cieplucha G, Cichy B, Szelejewski W, Ind. Eng. Chem. Res, 2006, 45, p2962 Szelejewski

**L-Daunosamine-b-methylglycoside hydrochloride**

- Methyl L-daunosamine HCl

C<sub>7</sub>H<sub>15</sub>NO<sub>3</sub>·HCl 197.66

MD44774

10mg	\$400.00
25mg	\$625.00
50mg	\$950.00

**Deacetylasperulosidic acid methyl ester**

- 6-Epiferetoside
- 6-a-Hydroxygeniposide

[52613-28-2] C<sub>17</sub>H<sub>24</sub>O<sub>11</sub> 404.37

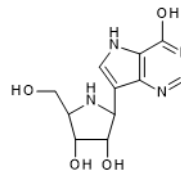
MD45065

50mg	\$250.00
100mg	\$450.00
250mg	\$700.00

**Deacetyllanatoside C**see *Deslanoside, MD65946* on page 188**10-Deacetyltaxol 7-xyloside**see *7-Xylosyl-10-deacetyltaxol, MX20833* on page 604**(1S)-1-(9-Deazahypoxanthin-9-yl)-1,4-dideoxy-1,4-imino-D-ribitol hydrochloride**[209799-67-7] C<sub>11</sub>H<sub>15</sub>N<sub>4</sub>O<sub>4</sub>Cl 302.71

MD11591

Price On Application

**Decitabine deformyl impurity formate**see *D-2'-Deoxyribofuranosyl-3-guanyurea, MD16684* on page 183**Decitabine Impurity 1**see *Methyl 2-deoxy-a-D-ribofuranoside, MM02893* on page 388

**DecitabineIm****Decitabine Impurity 15**see *Ribal*, MR74842 on page 495**Decitabine impurity 2**see *Methyl 2-deoxy-3,5-di-O-toluoyl-D-ribofuranoside*, MM04120 on page 385**Decitabine Impurity 4**see *Methyl 2-deoxy-a-D-ribofuranoside*, MM74821 on page 389**Decitabine Impurity 4**see *Methyl 2-deoxy-b-D-ribofuranoside*, MM74822 on page 389**Decyl a-D-glucopyranoside**

• Decyl a-glucoside

[29781-81-5] C<sub>16</sub>H<sub>32</sub>O<sub>6</sub> 320.42

MD158000

Price On Application

**Decyl D-glucopyranoside**[54549-25-6] C<sub>16</sub>H<sub>32</sub>O<sub>6</sub> 320.42

MD11310

Price On Application

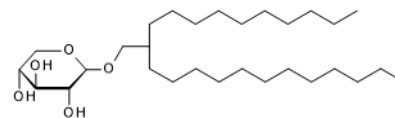
**Decyl a-glucoside**see *Decyl a-D-glucopyranoside*, MD158000 on page 160**Decyl glucoside**• D-Glucose decyl octyl ether, oligomeric  
• Capryl/Caprylyl Glycoside

[68515-73-1]

MD13516

1kg \$45.00  
2kg \$70.00  
5kg \$105.00**2-Decyltetradecyl-D-xylopyranoside**[446264-02-4] C<sub>29</sub>H<sub>58</sub>O<sub>5</sub> 486.77

MD59468

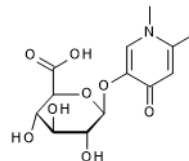
1g \$1750.00  
2g \$2400.00  
5g \$2750.00**Deferasirox acyl-b-D-glucuronide**[1233196-91-2] C<sub>27</sub>H<sub>23</sub>N<sub>3</sub>O<sub>10</sub> 549.49

MD46800

Price On Application

**Deferiprone 3-O-b-D-glucuronide**[141675-48-1] C<sub>13</sub>H<sub>17</sub>NO<sub>8</sub> 315.28

MD10432

1mg \$90.00  
2mg \$150.00  
5mg \$300.00**2,3-Dehydro-N-acetylneuraminic acid methyl ester**see *N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid methyl ester*, MA05288 on page 30**Dehydro-L-ascorbic acid**see *L-Dehydro ascorbic acid*, MD16669 on page 161



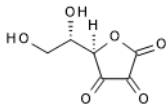
**L-Dehydro ascorbic acid**

- Dehydro-L-ascorbic acid
- L-threo-2,3-hexodiulosonic acid gamma-lactone
- Oxidized ascorbic acid

[490-83-5] C<sub>6</sub>H<sub>6</sub>O<sub>6</sub> 174.11

MD16669

1g	\$100.00
2g	\$160.00
5g	\$325.00



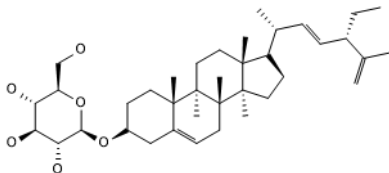
Refs: Moubasher, et al, J. Biol. Chem., 176, 633 (1948); Sy, K, et al, J. Food Prot, 68, 1176

**22-Dehydroclerosterol glucoside**

[143815-99-0]

MD44383

Price On Application

**Dehydroclindamycin**

- Methyl 7-Chloro-6,7,8-trideoxy-6-[[[(2S)-2,3-dihydro-1-methyl-4-propyl-1H-pyrrrol-2-yl]carbonyl]amino]-1-thio-L-threo-a-D-galactooctopyranoside

[909032-77-5] C<sub>18</sub>H<sub>31</sub>ClN<sub>2</sub>O<sub>5</sub>S 422.97

MD46888

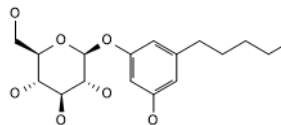
1mg	\$735.00
2mg	\$1240.00
5mg	\$1900.00

**2,3-Dehydro-2-deoxy-N-acetylneuraminic acid**see *N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid*, MA06939 on page 30**2,3-Dehydro-2-deoxy-N-acetylneuraminic acid**see *N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid sodium salt*, MA06093 on page 31**11-Dehydroxygrevilloside B**

[197307-49-6]

MD44375

Price On Application

**Delphinidin 3,5-diglucoside**

- Delphoside
- Aurobanin A

[17670-06-3] C<sub>27</sub>H<sub>31</sub>O<sub>17</sub>Cl 662.98

MD44897

5mg	\$250.00
10mg	\$390.00
20mg	\$700.00

**Delphinidin 3-galactoside**

- Empetrin

[68852-84-6] C<sub>21</sub>H<sub>21</sub>O<sub>12</sub>Cl 500.84

MD44896

Price On Application

**Delphinidin 3-glucoside chloride**

- Myrtillin chloride

[6906-38-3] C<sub>21</sub>H<sub>21</sub>O<sub>12</sub>Cl 500.84

MD44895

1mg	\$100.00
2mg	\$170.00
5mg	\$350.00



**Delphinidin****Delphinidin 3-O-rutinoside**

• 3-[[[6-O-(6-Deoxy- $\alpha$ -L-mannopyranosyl)-b-D-glucopyranosyl]oxy]-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-1-benzopyrylium

[58285-26-0] C<sub>28</sub>H<sub>33</sub>ClO<sub>15</sub> 645.01

MD59487

Price On Application

**Delphoside**

see *Delphinidin 3,5-diglucoside*, MD44897 on page 161

**3-Demethylcolchicine glucoside**

see *Colchicoside*, MC16661 on page 150

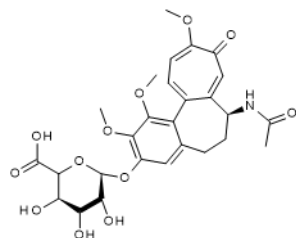
**3-Demethyl colchicine 3-O-b-D-glucuronide**

• (7S)-7-(Acetylamino)-5,6,7,9-tetrahydro-1,2,10-trimethoxy-9-oxobenzo[a]heptalen-3-yl b-D-glucopyranosiduronic acid

[913079-71-7] C<sub>27</sub>H<sub>31</sub>NO<sub>12</sub> 561.53

MD16670

5mg \$150.00  
10mg \$272.60  
25mg \$496.00



Refs: Baratto, L. et al, J. Mol. Cat. B. Enzym, 39, 3 (2006)

**4'-Demethylepipodophyllotoxin 9-(4,6-O-ethylidene-b-D-glucopyranoside)**

see *Etoposide*, ME09941 on page 256

**4'-Demethylpodophyllotoxin-2,3-Di-O-dichloroacetyl-4,6-O-ethylidene-b-D-glucopyranoside**

MD11639

Price On Application

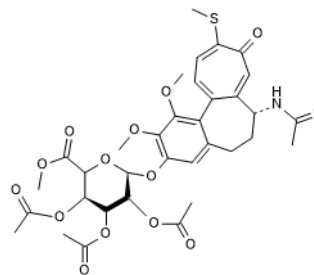
**3-Demethyl thiocolchicine 2-O-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester)**

• (7S)-7-(Acetylamino)-5,6,7,9-tetrahydro-1,2-dimethoxy-10-(methylthio)-9-oxobenzo[a]heptalen-3-yl 2,3,4-tri-O-acetyl-b-D-glucopyranosiduronic acid methyl ester

[250662-47-6] C<sub>34</sub>H<sub>39</sub>NO<sub>14</sub>S 717.74

MD16671

1mg \$218.10  
2mg \$396.40  
5mg \$720.80

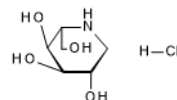
**1-Deoxy-L-alronojirimycin HCl**

• 1-Deoxygalactonojirimycin hydrochloride

[355138-93-1] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>·HCl 199.63

MD07337

1mg \$150.00  
2mg \$200.00  
5mg \$370.00

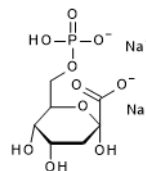
**3-Deoxy-D-arabino-heptulosonic acid 7-phosphate disodium salt**

• DAHP

C<sub>7</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>10</sub>P 332.11

MD00561

1mg \$100.00  
2mg \$180.00  
5mg \$395.00



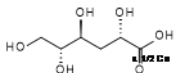
Refs: Frost J.W.; Knowles J.R., Biochemistry 23 p4465 1984



**3-Deoxy-D-arabino-hexonic acid calcium salt**[79580-64-6] C<sub>12</sub>H<sub>24</sub>CaO<sub>12</sub> 400.39

MD59672

5mg	\$195.00
10mg	\$375.00
25mg	\$800.00

**2-Deoxy D-arabino hexonic acid-δ-lactone**[91447-00-6] C<sub>8</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MD138627

Price On Application

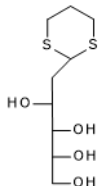
**2-Deoxy-D-arabino-hexose-6-phosphate**

see 2-Deoxy-D-glucose-6-phosphate, MD03848 on page 175

**2-Deoxy-D-arabino-hexose propylene dithioacetal**[91294-63-2] C<sub>9</sub>H<sub>16</sub>O<sub>4</sub>S<sub>2</sub> 254.37

MD07338

10mg	\$89.30
25mg	\$157.50
50mg	\$262.50

**2-Deoxy-D-arabinose**

see 2-Deoxy-D-ribose, MD04977 on page 184

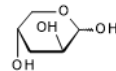
**3-Deoxy-D-arabinose**

• 3-Deoxy-D-threo-pentose

[56658-87-2] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD05937

Price On Application



Refs: Baker BR, Schaub RE, Williams JH, J. Am. Chem. Soc. 1955, Vol76, p4044-4045

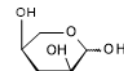
**3-Deoxy-L-arabinose**

• 3-Deoxy-L-threo-pentose

[41107-43-1] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

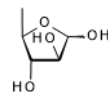
MD00682

Price On Application

**5-Deoxy-D-arabinose**[67968-47-2] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD02657

1g	\$750.00
2g	\$1200.00
5g	\$2000.00

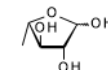


Refs: Suzuki K, Hashimoto H, Carbohydr. Res. 2000, p14-27

**5-Deoxy-L-arabinose**[13039-56-0] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD02033

25mg	\$50.00
50mg	\$90.00
100mg	\$150.00



Refs: Fernandez AM, Duhamel L, J. Org. Chem. 1996, Vol61, No24, p8698-8700

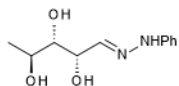


## Deoxyarabino

## 5-Deoxy-L-arabinose phenylhydrazone

[59245-36-2] C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub> 224.26

MD10603

10g \$3150.00  
25g \$4625.00  
50g \$6250.00

## 5-Deoxy-L-arabonic acid 1,4-lactone

[76647-70-6] C<sub>5</sub>H<sub>8</sub>O<sub>4</sub> 132.12

MD09394

25mg \$50.00  
50mg \$75.00  
100mg \$110.00

## 2-deoxy-3,5-bis-O-(p-chlorobenzoyl)-D-ribofuranosyl chloride

see 1-Chloro-3,5-di-O-(4-chlorobenzoyl)-2-deoxy-a-D-ribofuranose, MC145897 on page 145

## 2-Deoxycytidine 5'-triphosphate-a-D-maltopyranoside sodium salt

see Maltopyranosyl-CTP, MM63073 on page 353

## N-(b-D-4-Deoxy-4,5-didehydroglucopyranosyl)uronate, cotinium inner salt

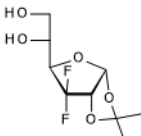
see Cotinine N-(4-deoxy-4,5-didehydro)-b-D-glucuronide, MC16664 on page 151

## 3-Deoxy-3,3-difluoro-1,2-O-Di-O-isopropylidene-a-D-glucufuranose

C<sub>8</sub>H<sub>14</sub>F<sub>2</sub>O<sub>5</sub> 240.2

MD10098

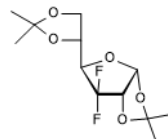
Price On Application



## 3-Deoxy-3,3-difluoro-1,2:5,6-di-O-isopropylidene-a-D-glucufuranose

C<sub>12</sub>H<sub>18</sub>F<sub>2</sub>O<sub>5</sub> 280.27

MD10097

1g \$840.00  
2g \$1260.00  
5g \$2520.00

## 2-Deoxy-2,2-difluoro-D-erythro-pentafulanous-1-ulose-3,5-dibenzoate

see 3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-D-ribofuranose, MD04694 on page 199

## 2-Deoxy-2,2-difluoro-D-erythro-pentofuranose-3,5-dibenzoate-1-methanesulfonate

see 3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-1-O-methanesulfonyl-a-D-ribofuranoside - 98% alpha purity, MD08302 on page 199

## 2-Deoxy-2,2-difluoro-D-erythro-ribofuranose-3,5-dibenzoate

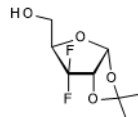
see 3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-D-ribofuranose, MD07340 on page 199

## 3-Deoxy-3,3-difluoro-1,2-O-isopropylidene-a-D-xylofuranose

C<sub>8</sub>H<sub>12</sub>F<sub>2</sub>O<sub>4</sub> 210.18

MD10099

Price On Application

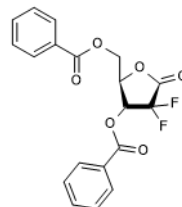


## 2-Deoxy-2,2-difluoro-D-threo-pentofuranos-1-ulose-3,5-dibenzoate

• 2-Deoxy-2,2-difluoro-D-threo-pentonic acid gamma-lactone 3,5-dibenzoate

[122111-02-8] C<sub>19</sub>H<sub>14</sub>F<sub>2</sub>O<sub>6</sub> 376.31

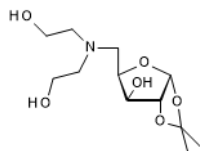
MD16672

5mg \$75.00  
10mg \$125.00  
25mg \$325.00

**2-Deoxy-2,2-difluoro-D-threo-pentonic acid gamma-lactone 3,5-dibenzoate**see *2-Deoxy-2,2-difluoro-D-threo-pentofuranos-1-ulose-3,5-dibenzoate*, MD16672 on page 164**2-Deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-D-glucopyranose 1,3,4,6-tetraacetate**see *1,3,4,6-Tetra-O-acetyl-2-deoxy-2-N-phthalimido-D-glucopyranose*, MT16673 on page 521**1-Deoxy-1-(3,4-dihydro-4-oxo-6-propyl-2-thioxo-1(2H)-pyrimidinyl)- b-D-glucopyranuronic acid**see *Propylthiouracil N-b-D-glucuronide*, MP16842 on page 483**5-Deoxy-5-[di-(2-hydroxyethyl)-amino]-1,2-O-isopropylidene-a-D-xylofuranose**C<sub>12</sub>H<sub>23</sub>NO<sub>6</sub> 277.32

MD07492

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50

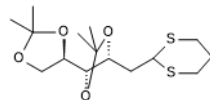
**2-Deoxy-3,4:5,6-di-O-isopropylidene-D-arabino-hexose propane-1,3-diyil dithioacetal**

• 2-Deoxy-3,4:5,6-di-O-isopropylidene-D-arabino-hexose propylene dithioacetal

[91294-64-3] C<sub>15</sub>H<sub>26</sub>O<sub>4</sub>S<sub>2</sub> 334.5

MD04698

5mg	\$89.30
10mg	\$162.80
25mg	\$262.50

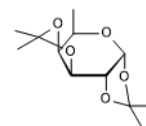
**2-Deoxy-3,4:5,6-di-O-isopropylidene-D-arabino-hexose propylene dithioacetal**see *2-Deoxy-3,4:5,6-di-O-isopropylidene-D-arabino-hexose propane-1,3-diyil dithioacetal*, MD04698 on page 165**6-Deoxy-1,2:3,4-di-O-isopropylidene-a-D-galactopyranose**

• 1,2:3,4-Di-O-isopropylidene-6-deoxy-a-D-fucose

C<sub>12</sub>H<sub>20</sub>O<sub>5</sub> 244.28

MD06517

5g	\$157.50
10g	\$236.30
25g	\$472.50

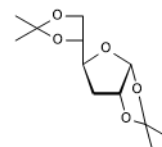


D

**3-Deoxy-1,2:5,6-di-O-isopropylidene-a-D-glucofuranose**[4613-62-1] C<sub>12</sub>H<sub>20</sub>O<sub>5</sub> 244.29

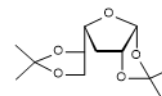
MD07341

100mg	\$125.00
250mg	\$225.00
500mg	\$350.00

**3-Deoxy-1,2:5,6-di-O-isopropylidene-a-D-gulofuranose**C<sub>12</sub>H<sub>20</sub>O<sub>5</sub> 244.28

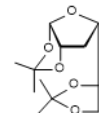
MD58365

1g \$60.00

**3-Deoxy-1,2:5,6-di-O-isopropylidene-a-L-gulofuranose**C<sub>12</sub>H<sub>20</sub>O<sub>5</sub> 244.28

MD58366

1g \$75.76



## Deoxydiisopr

6-Deoxy-1,2:3,4-di-O-isopropylidene-6-iodo- $\alpha$ -D-galactopyranose[4026-28-2] C<sub>12</sub>H<sub>19</sub>O<sub>5</sub> 370.18

MD29697

1g	\$189.00
2g	\$315.00
5g	\$656.30

3-Deoxy-1,2:5,6-di-O-isopropylidene- $\alpha$ -D-xylo-hexofuranose[2774-29-0] C<sub>12</sub>H<sub>20</sub>O<sub>5</sub> 244.28

MD159041

100mg	\$175.00
250mg	\$375.00
500mg	\$500.00

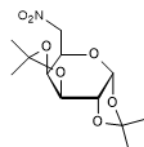


D

6-Deoxy-1,2:3,4-di-O-isopropylidene-6-nitro- $\alpha$ -D-galactopyranose• 1,2:3,4-Di-O-isopropylidene-6-deoxy-6-nitro- $\alpha$ -D-galactopyranose[90367-90-1] C<sub>12</sub>H<sub>19</sub>NO<sub>7</sub> 289.28

MD04710

50mg	\$89.50
100mg	\$168.00
250mg	\$315.00

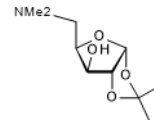


## 2-Deoxy-2-(dimethylamino)-D-glucose

see *N,N*-Dimethyl-D-glucosamine, MD153444 on page 2285-Deoxy-5-dimethylamino-1,2-O-isopropylidene- $\alpha$ -D-xylofuranoseC<sub>10</sub>H<sub>19</sub>NO<sub>4</sub> 217.27

MD07493

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50

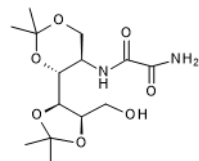


## 2-Deoxy-1,3:4,5-di-O-isopropylidene-2-oxamoylamino-D-mannitol

[128741-75-3] C<sub>14</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub> 332.35

MD04701

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50



## 5-Deoxy-3,4-di-O-methyl-D-arabinose

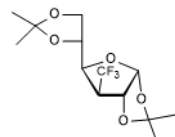
MD02665

Price On Application

3-Deoxy-1,2:5,6-di-O-isopropylidene-3-trifluoromethyl- $\alpha$ -D-glucofuranoseC<sub>13</sub>H<sub>19</sub>F<sub>3</sub>O<sub>5</sub> 312.28

MD10100

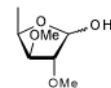
Price On Application



## 5-Deoxy-3,4-di-O-methyl-L-arabinose

MD02674

Price On Application



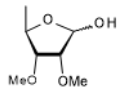
## 2-Deoxy-2-[[[(1,1-dimethylethoxy)carbonyl]amino]-b-D-glucopyranosylamine

see *2N*-Boc-amino-2-deoxy-b-D-glucopyranosylamine, MB153281 on page 124

**5-Deoxy-3,4-di-O-methyl-D-ribose**

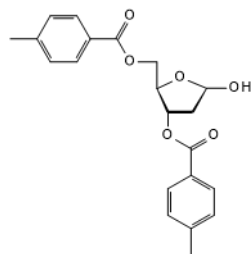
MD02664

Price On Application

**2-Deoxy-3,5-di-O-(4-toluoyl)-a-D-erythro-pentofuranosyl chloride**see *1-Chloro-2-deoxy-3,5-di-O-toluoyl-a-D-ribofuranose, MC02788 on page 143***2-Deoxy-3,5-di-O-toluoyl-D-ribofuranose**[113476-23-6] C<sub>21</sub>H<sub>22</sub>O<sub>6</sub> 370.4

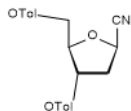
MD02532

Price On Application

**2-Deoxy-3,5-di-O-toluoyl-b-D-ribofuranosyl cyanide**C<sub>22</sub>H<sub>21</sub>NO<sub>5</sub> 379.41

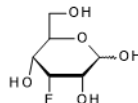
MD10105

1g	\$50.00
2g	\$92.00
5g	\$210.00

**3-Deoxy-D-erythro-hexulose**see *3-Deoxy-D-glucosone, MD06669 on page 176***2-Deoxy-D-erythro-pentofuranose 1-acetate 3,5-dibenzoate**see *1-Acetyl-2-deoxy-3,5-di-O-benzoylribofuranose, MA17061 on page 31***2-Deoxy-D-erythro-pentofuranosylamine**see *1-Amino-2-deoxy-D-ribose, MA04068 on page 62***2-Deoxy-D-erythropentose**see *2-Deoxy-D-ribose, MD04977 on page 184***3-Deoxy-D-erythro-pentose**see *3-Deoxy-D-ribose, MD00187 on page 184***3-Deoxy-3-fluoro-D-allose**[99605-33-1] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

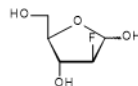
MD03761

1mg	\$48.00
2mg	\$75.00
5mg	\$150.00

**2-Deoxy-2-fluoro-D-arabinofuranose**[125155-51-3] C<sub>5</sub>H<sub>9</sub>FO<sub>4</sub> 152.12

MD06006

50mg	\$131.50
100mg	\$189.00
250mg	\$315.00

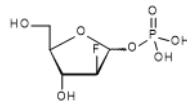


Refs: Reichman U, Watanabe KA, Fox JJ, Carbohydr. Res. 1975, 42, p233-40

**2-Deoxy-2-fluoro-D-arabinofuranose-1-phosphate**C<sub>5</sub>H<sub>7</sub>FO<sub>7</sub>P 229.08

MD08442

Price On Application

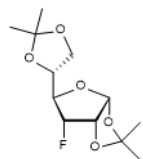
**2-Deoxy-2-fluoro-a-D-arabinofuranosyl bromide 3,5-dibenzoate**see *3,5-Di-O-benzoyl-2-deoxy-2-fluoro-a-D-arabinofuranosyl bromide, MD08514 on page 199***1-Deoxy-1-(5-fluoro-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-b-D-glucopyranuronic acid**see *5-Fluorouracil N-b-D-glucuronide, MF16727 on page 261*

## Deoxyfluorod

3-Deoxy-3-fluoro-1,2:5,6-di-O-isopropylidene- $\alpha$ -D-allofuranose $C_{12}H_{19}FO_5$  262.27

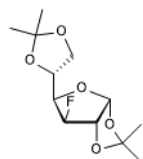
MD10083

Price On Application

3-Deoxy-3-fluoro-1,2:5,6-di-O-isopropylidene- $\alpha$ -D-glucofuranose $C_{12}H_{19}FO_5$  262.27

MD10085

Price On Application



## 3-Deoxy-3-fluoro-D-fructose

[110925-86-5]

MD03774

Price On Application



## 4-Deoxy-4-fluoro-fructose

[110009-31-9]

MD05331

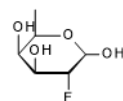
Price On Application



## 2-Deoxy-2-fluoro-D-fucose

 $C_6H_{11}FO_4$  166.15

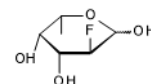
MD30713

5mg  
10mg  
25mg\$115.00  
\$195.00  
\$325.00

## 2-Deoxy-2-fluoro-L-fucose

[70763-62-1]  $C_6H_{11}FO_4$  166.15

MD06089

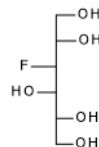
5mg  
10mg  
25mg\$75.00  
\$130.00  
\$275.00

Refs: Sulzenbacher G, Bignon C, Nishimura T, Taring CA, J. Biol. Chem. 2004, Vol279, Issue 13, 13119-13128

## 3-Deoxy-3-fluoro-D-galactitol

 $C_6H_{13}FO_5$  184.16

MD04057

250mg  
500mg  
1g\$525.00  
\$895.00  
\$1575.00

## 4-Deoxy-4-fluoro-D-galactopyranose

[238418-56-9]

MD03226

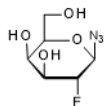
Price On Application





**2-Deoxy-2-fluoro-b-D-galactopyranosyl azide**[1258940-79-2] C<sub>6</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>4</sub> 207.16

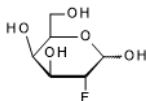
MD45248

100mg \$750.00  
250mg \$1250.00**2-Deoxy-2-fluoro-D-galactose**

• 3-Fluoro-6-hydroxymethyl-tetrahydro-pyran-2,4,5-triol

[7226-39-3][51146-53-3] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD04718

10mg \$75.00  
25mg \$140.00  
50mg \$250.00

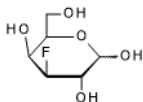
Refs: Gross V, Hull WE, Berger U, Andus T, Kreisel W, Biochem. J. 1992, August 1, 285(Pt 3), 821-826;  
Barlow J, et.al, Carbohydr. Res, 2000, 328, p473; Geilen C, et.al, Tetrahedron Lett, 1992, 33, p2435

**2-Deoxy-2-fluoro-D-galactose - non-animal origin**[7226-39-3][51146-53-3] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD71984

25mg \$60.00  
50mg \$100.00  
100mg \$160.00**3-Deoxy-3-fluoro-D-galactose - Aqueous solution**[52904-86-6] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

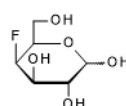
MD05336

25mg \$85.00  
50mg \$155.00  
100mg \$260.00

Refs: Barlow JN, Blanchard JS, Carbohydr. Res. 2000, Vol328, p473-480

**4-Deoxy-4-fluoro-D-galactose**[40010-20-6] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD05334

1mg \$58.00  
2mg \$90.00  
5mg \$195.00

Refs: Marcus DM, Westwood JH, Carbohydr. Res. 1971, Apr 17(2), 269-74

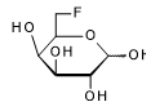
**5-Deoxy-5-fluoro-D-galactose**

MD61554

Price On Application

**6-Deoxy-6-fluoro-D-galactose**[447-25-6] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

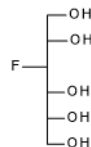
MD04719

10mg \$81.00  
25mg \$187.50  
50mg \$340.00

Refs: Eisenthal R, Harrison R, Lloyd WJ, Taylor NF, Biochem. J. 1972, Nov 130(1), 199-205

**3-Deoxy-3-fluoro-D-glucitol**[34339-82-7] C<sub>6</sub>H<sub>13</sub>FO<sub>5</sub> 184.16

MD04793

25mg \$262.50  
50mg \$420.00  
100mg \$683.00**4-Deoxy-4-fluoro-D-glucopyranose**

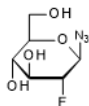
[30694-44-1]

MD04074

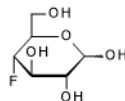
25mg \$250.00  
50mg \$475.00  
100mg \$850.00

**Deoxyfluorog****2-Deoxy-2-fluoro-b-D-glucopyranosyl azide**[1159265-95-8] C<sub>6</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>4</sub> 207.16

MD45246

100mg \$750.00  
250mg \$1250.00**4-Deoxy-4-fluoro-D-glucose**[29218-07-3] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

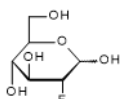
MD04720

250mg \$65.00  
500mg \$115.00  
1g \$195.00

Refs: Barford AD, Foster AB, Westwood JH, Hall LD, et al, Carbohydr. Res. 1971, Aug 19(1), 49-61

**2-Deoxy-2-fluoro-D-glucose**[29702-43-0][86783-82-6] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

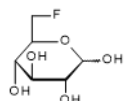
MD03509

25mg \$75.00  
50mg \$130.00  
100mg \$170.00

Refs: Hutchinson PJ, et al, Acta Neurochir. Suppl. 2005, 95, 165-8

**6-Deoxy-6-fluoro-D-glucose**[34168-77-9][4536-08-7] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD04258

10mg \$75.00  
25mg \$120.00  
50mg \$225.00

Refs: Street IP, Armstrong CR, Withers SG, Biochemistry 1986, p6021-6025

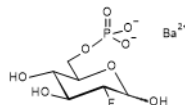
**2-Deoxy-2-fluoro-D-[1-13C]glucose**

MD45025

Price On Application

**2-Deoxy-2-fluoro-D-glucose 6-phosphate barium salt**[40871-47-4] C<sub>6</sub>H<sub>10</sub>FO<sub>8</sub>P·Ba 397.44

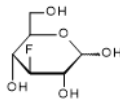
MD31750

1mg \$75.00  
2mg \$120.00  
5mg \$190.00**3-Deoxy-3-fluoro-D-glucose**

• 3-Fluoro-3-deoxy-D-glucose

[14049-03-7][7226-70-2] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD05769

10mg \$45.00  
25mg \$85.00  
50mg \$150.00

Refs: Can. J. Biochem. 1977, 55, p369; Riley GJ, Taylor NF, Biochem. J. 1973, Dec,135(4), p773-777; Knodler LA, Schofield PJ, Edwards MR, Mol. Biochem. Parasitol. 1992, Nov56(1), p1-13

**2-Deoxy-2-fluoro-D-glucose 6-phosphate dipotassium salt**[441764-08-5] C<sub>6</sub>H<sub>10</sub>FK<sub>2</sub>O<sub>8</sub>P 338.31

MD94505

1mg \$95.00  
2mg \$150.00  
5mg \$250.00

**3-Deoxy-3-fluoro-D-myo-inositol**

• 3-F-INS

[120444-24-8] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD13900

Price On Application

**3-Deoxy-3-fluoro-D-myo-inositol 1,4,5-trisphosphate hexasodium salt**• 3-F-Deoxy-Ins(1,4,5)P<sub>3</sub>6Na[129365-68-0] C<sub>6</sub>H<sub>8</sub>FO<sub>14</sub>P<sub>3</sub>Na<sub>6</sub> 553.98

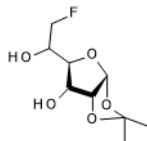
MD63120

Price On Application

**6-Deoxy-6-fluoro-1,2-O-isopropylidene-a-D-glucofuranose**[87586-05-8] C<sub>9</sub>H<sub>15</sub>FO<sub>5</sub> 222.21

MD16675

25mg	\$120.50
50mg	\$218.50
100mg	\$397.00

**2-Deoxy-2-fluoro-b-D-mannopyranosyl azide**[1258940-80-5] C<sub>6</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>4</sub> 207.16

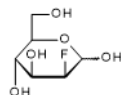
MD45250

100mg	\$950.00
250mg	\$1500.00

**2-Deoxy-2-fluoro-D-mannose**[38440-79-8][31077-88-0] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD03540

10mg	\$75.00
25mg	\$150.00
50mg	\$250.00

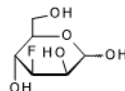


Refs: McDowell W, Datema R, Romero PA, Schwarz RT, Biochemistry 1985, 24, p8145-52; Haradahira T, Maeda M, Omae H, Yano Y, Kojima M, Chem. Pharm. Bull (Tokyo) 1984, Dec32(12), 4758-66

**3-Deoxy-3-fluoro-D-mannose**[87764-46-3] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD06720

1mg	\$85.00
2mg	\$150.00
5mg	\$310.00

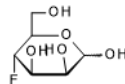


Refs: Biochem. J. 1983, 209 (3), p677-685

**4-Deoxy-4-fluoro-D-mannose**[87764-47-4] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD04717

1mg	\$85.00
2mg	\$150.00
5mg	\$250.00



Refs: Biochem. J. 1983, 209 (3), p677-685; J. Biol. Chem. 1984, 259, p1027-1030

**(2R)-2-Deoxy-2-fluoro-2-methyl-D-erythro-pentonic acid-g-lactone 3,5-bis(4-chlorobenzoate)**

see 3,5-Di-O-p-chlorobenzoyl-2-deoxy-2-fluoro-2-C-methyl-D-ribofuranose-1,4-lactone, MD32206 on page 205

**2-Deoxy-2-fluoro-2-C-methyl-D-ribofuranose**

• 2-Deoxy-2-fluoro-2-methyl-D-Ribofuranose

MD32005

Price On Application



## Deoxyfluorom

## 2-Deoxy-2-fluoro-2-methyl-D-Ribofuranose

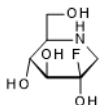
see 2-Deoxy-2-fluoro-2-C-methyl-D-ribofuranose, MD32005 on page 171

## 1-Deoxy-2-fluoronojirimycin

C<sub>6</sub>H<sub>12</sub>FNO<sub>4</sub> 181.16

MD10503

1mg	\$204.80
2mg	\$357.00
5mg	\$656.30



## 3-Deoxy-3-fluoro-1,2-O-isopropylidene-D-allofuranose

C<sub>9</sub>H<sub>15</sub>FO<sub>5</sub> 222.21

MD156844

Price On Application



## 2-Deoxy-2-fluoro-3,5-bis-O-(phenylmethyl) ribonic acid gamma-lactone

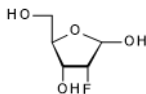
see 3,5-Di-O-benzyl-2-deoxy-2-fluoro-D-ribo-1,4-lactone, MD28851 on page 201

## 2-Deoxy-2-fluoro-D-ribofuranose

[7226-33-7][149624-22-6] C<sub>8</sub>H<sub>9</sub>FO<sub>4</sub> 152.12

MD03815

5mg	\$200.00
10mg	\$300.00
25mg	\$600.00



## 2-Deoxy-2-fluoro-1,3,5-tri-O-benzoyl-a-D-arabinofuranose

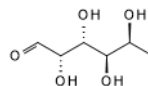
see 1,3,5-Tri-O-benzoyl-2-deoxy-2-fluoro-a-D-arabinofuranose, MT04218 on page 576

## 2-Deoxy-2-fluoro-L-[UL-13C]fucose

[478518-52-4] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD45885

250mg	\$3750.00
500mg	\$6000.00
1g	\$10000.00

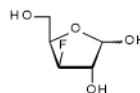


## 3-Deoxy-3-fluoro-D-xylofuranose - Aqueous solution

[14537-01-0] C<sub>5</sub>H<sub>9</sub>FO<sub>4</sub> 152.12

MD03412

2mg	\$50.00
5mg	\$80.00
10mg	\$125.00



Refs: Gosseiln G, Puech F, Genu-Dellac C, Imbach JL, Carbohydr. Res. 1993, Oct 18, p1-17

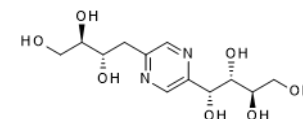
## 2,5-Deoxyfructosazine

- (1R,2S,3R)-1-[5-[(2S,3R)-2,3,4-Trihydroxybutyl]-2-pyrazinyl]-1,2,3,4-butanetetrol
- 2-(D-arabino-tetrahydroxybutyl)-5-(D-erythro-2,3,4-trihydroxybutyl)pyrazine
- NSC 270912

[17460-13-8] C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 304.3

MD16678

1mg	\$75.00
2mg	\$120.00
5mg	\$195.00



Refs: Sumoto, K, et al, Chem. Pharm. Bull, 39, 792 (1991); Shimamura, T, et al, Biosci, Biotechnol, Biochem, 67, 295 (2003)

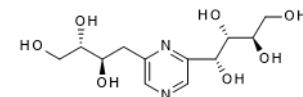
## 2,6-Deoxyfructosazine

- (1R,2S,3R)-1-[6-[(2S,3R)-2,3,4-Trihydroxybutyl]-2-pyrazinyl]-1,2,3,4-butanetetrol
- 2-(D-Arabino-1',2',3',4'-tetrahydroxybutyl)-6-(D-erythro-2'',3'',4''-trihydroxybutyl)pyrazine

[36806-15-2] C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 304.3

MD16679

1mg	\$100.00
2mg	\$174.90
5mg	\$318.00



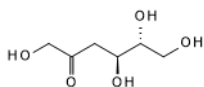
Refs: Tsuchida, H, et al, Agric. Biol. Chem, 40, 921 (1976)

**1-Deoxy-D-fructose**[32785-92-5] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD14115

10mg \$95.00  
25mg \$175.00  
50mg \$290.00**3-Deoxy-D-fructose**[6196-57-2] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

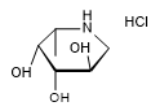
MD14116

2mg \$65.00  
5mg \$95.00  
10mg \$175.00**N-(1-Deoxy-D-fructos-1-yl)-L-serine**[34393-26-5] C<sub>9</sub>H<sub>17</sub>NO<sub>8</sub> 267.23

MD76675

50mg \$950.00  
100mg \$1300.00  
250mg \$2275.00**1-Deoxyfuconojirimycin HCl**[99212-30-3][210174-73-5] C<sub>6</sub>H<sub>13</sub>NO<sub>3</sub>·HCl 183.63

MD06117

10mg \$100.00  
25mg \$200.00  
50mg \$325.00

Refs: Chiu PCN, Koistinen R, Koistinen H, Seppala M, Biology of Reproduction, Vol70, Issue 6, p1710-1719;  
Winchester B, et al, Biochem. J. 1990, 265, p277

**2-Deoxy-L-fucose**[19165-06-1] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

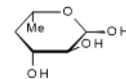
MD75055

1mg \$45.00  
2mg \$70.00  
5mg \$95.00**4-Deoxy-L-fucose**

• 4,6-Dideoxy-L-xylo-hexose

[61244-62-0] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MD03942

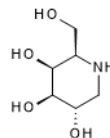
2mg \$70.00  
5mg \$150.00  
10mg \$250.00**6-Deoxy-L-galactitol**see *L-Fucitol*, MF44825 on page 267**1-Deoxygalactonojirimycin**

• 1,5-Dideoxy-1,5-imino-D-galactitol

[108147-54-2] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MD32148

Price On Application

**1-Deoxygalactonojirimycin HCl**

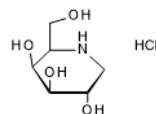
• 1,5-Dideoxy-1,5-imino-D-galactitol HCl

• DGJ

• (2R,3S,4R,5S)-2-methylpiperidine-3,4,5-triol hydrochloride

[75172-81-5] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>·HCl 199.63

MD06196

1mg \$40.00  
2mg \$60.00  
5mg \$95.00

Refs: Paulsen H, et al, Chem. Ber. 1980, 113, p2601; Daniel PF, et al, Proc. Int. Canbo. Symp. 1986, Abstr C43

**1-Deoxygalactonojirimycin hydrochloride**see *1-Deoxy-L-altronojirimycin HCl*, MD07337 on page 162

## Deoxygalacto

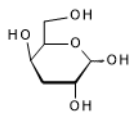
## 3-Deoxy-D-galactopyranose

• 3-Deoxy-D-xylo-hexose

[4005-35-0] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD06264

5mg	\$65.00
10mg	\$110.00
25mg	\$175.00



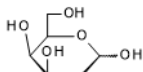
Refs: Thomas SS, Plenkiewicz J, Ison ER, Bols M, Zou W, et al, *Biochim. Biophys. Acta* 1995, Aug 15, 1272(1), 37-48

## 2-Deoxy-D-galactose

[1949-89-9] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD02040

5g	\$70.00
10g	\$130.00
25g	\$275.00



Refs: Lorenzini CG, et al, *Neurobiol. Learn. Mem.* 1997, 68, 317; Kohla G, et al, *FEBS Lett.* 1993, 327, 63; Dam TK, *Mol. Cell. Biochem.* 1992, 117, 1

## 6-Deoxy-D-galactose

see *D-Fucose*, MF00381 on page 268

## 6-Deoxy-L-galactose

see *L-Fucose*, MF06710 on page 268

## 6-Deoxy-b-L-galactose phosphate

see *b-L-Fucose-1-phosphate bis(cyclohexylammonium) salt*, MF05022 on page 269

## 6-Deoxy-L-galactose-1-phosphate disodium salt

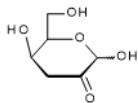
see *L-Fucose-1-phosphate disodium salt*, MF05279 on page 269

## 3-Deoxygalactosone

[4134-97-8] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MD09539

2mg	\$105.00
5mg	\$210.00
10mg	\$367.50

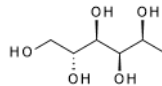


## 1-Deoxy-D-glucitol

[18545-96-5] C<sub>6</sub>H<sub>14</sub>O<sub>5</sub> 166.17

MD35275

Price On Application



## 1-Deoxy-D-gluco-hex-1-enopyranose tetraacetate

see *2,3,4,6-Tetra-O-acetyl-1-deoxy-D-arabino-hex-1-enopyranose*, MT00700 on page 519

## 1-Deoxy-D-gluco-hex-1-enopyranose tetrabenzoate

see *2,3,4,6-Tetra-O-benzoyl-1-deoxy-D-arabino-hex-1-enopyranose*, MT07959 on page 541

## 2-Deoxy-D-glucopyranose 3,4,6-triacetate

see *3,4,6-Tri-O-acetyl-2-deoxy-D-glucopyranose*, MT07035 on page 567

## 1-Deoxy-b-D-glucopyranosyl azide

C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MD58457

2g	\$67.24
5g	\$107.60
10g	\$2200.50



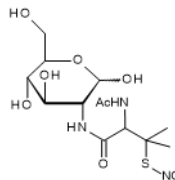
## N-(2-Deoxy-D-glucopyranosyl)-S-nitroso-N-acetyl-D,L-penicillamine

• Glyco-SNAP-2

C<sub>13</sub>H<sub>23</sub>N<sub>3</sub>O<sub>8</sub>S 381.4

MD04705

5mg	\$94.50
10mg	\$178.50
25mg	\$294.00

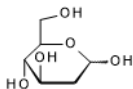


Refs: Ramirez J, et al, *Bioorg. Med. Chem. Lett.* 1996, 6, p2575

**2-Deoxy-D-glucose**[154-17-6] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD05187

10g	\$65.00
25g	\$135.00
50g	\$250.00



Refs: Thakkar NS, Potten CS, Cancer Res. 1993, 53, 2057

**2-Deoxy-D-glucose 1-14C**

[72561-26-3]

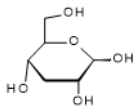
MD11720

Price On Application

**3-Deoxy-D-glucose**[2490-91-7] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD03580

50mg	\$90.00
100mg	\$150.00
250mg	\$312.50



Refs: Zemek J, Kucar S, Bauer S, Eur. J. Biochem. 1973, 40, p195-199

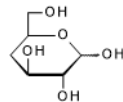
**4-Deoxy-D-glucose**

• 4-Deoxy-D-xylo-hexose

[23397-23-1][7286-46-6] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD06660

10mg	\$70.00
25mg	\$125.00
50mg	\$225.00

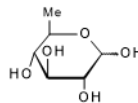


Refs: Wheat RW, et al, Biochem. Biophys. Comm. 1962, 9, p120; Schoevaart R, Kieboom T, Tetrahedron Lett. 2002, 43, p3399-3400

**6-Deoxy-D-glucose**• Quinovose  
• D-Isorhamnose[7658-08-4] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD04994

25mg	\$40.00
50mg	\$63.00
100mg	\$105.00



Refs: Tariq MA, Hayashi K, Biochem. Biophys. Res. Commun. 1995, 214, p568-75

**6-Deoxy L-glucose**

[35867-45-9]

MD46492

10mg	\$1200.00
25mg	\$2000.00

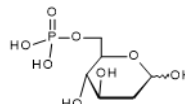
**2-Deoxy-D-glucose-6-phosphate**

• 2-Deoxy-D-arabino-hexose-6-phosphate

[3573-50-0] C<sub>6</sub>H<sub>13</sub>O<sub>8</sub>P 244.14

MD03848

250mg	\$315.00
500mg	\$525.00
1g	\$840.00

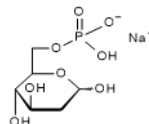


Refs: Barnett JEG, Brice RE, Corina DL, Biochem. J. 1970, Sept, 119(2), 183-186

**2-Deoxy-D-glucose-6-phosphate sodium salt**[33068-19-8] C<sub>6</sub>H<sub>12</sub>O<sub>8</sub>P·Na 266.12

MD06697

25mg	\$60.00
50mg	\$90.00
100mg	\$137.00



Refs: Reeves HC, Messmer L, Decker K, Arch. Microbiol. Vol111, No1-2, Dec 1976, p111-115



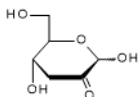
**Deoxyglucoso****3-Deoxy-D-glucosone**

- 3-Deoxy-D-erythro-hexulose
- 2-Keto-3-deoxyglucose

[4084-27-9] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MD06669

1mg	\$40.00
2mg	\$60.00
5mg	\$95.00

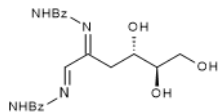


Refs: Kato H, et al, Agric. Biol. Chem. 1987, 51, p683; Hayase F, et al, J. Biol. Chem. 1989, 264, p3758

**3-Deoxy-D-glucosone-bis(benzoylhydrazine)**[32443-70-2] C<sub>20</sub>H<sub>22</sub>N<sub>4</sub>O<sub>5</sub> 398.41

MD04714

500mg	\$100.00
1g	\$168.00
2g	\$262.50



Refs: Henle T, Bachmann A, European Food Research and Technology, 1996

**6-Deoxy-6-fluoro-D-galactopyranose**[18961-68-7] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MD81546

Price On Application

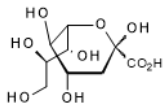
**3-Deoxy-D-glycero-D-galacto-2-nonulosonic acid**

- KDN
- 2-Keto-3-deoxy-D-glycero-D-galactononic Acid

[153666-19-4][112543-66-5] C<sub>8</sub>H<sub>16</sub>O<sub>9</sub> 268.22

MD04703

5g	\$55.00
10mg	\$85.00
25mg	\$162.50



Refs: Nadano D, et al, J. Biol. Chem. 1986, 261, p11550

**1-Deoxy-1-(hydroxyethylamino)-D-glucitol**

- 1-Deoxy-1-[(2-hydroxyethyl)amino]hexitol

[54662-27-0] C<sub>8</sub>H<sub>19</sub>NO<sub>6</sub> 225.24

MD13473

25g	\$50.00
50g	\$90.00
100g	\$150.00

**1-Deoxy-1-[(2-hydroxyethyl)amino]hexitol**

see 1-Deoxy-1-(hydroxyethylamino)-D-glucitol, MD13473 on page 176

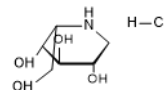
**2'-Deoxy-5-(2-hydroxyethyl)uridine**

see 5-(2-Hydroxyethyl)-2'-deoxyuridine, MH16752 on page 315

**1-Deoxy-L-idonojirimycin HCl**[210223-32-8] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>·HCl 199.63

MD04651

5mg	\$110.00
10mg	\$195.00
25mg	\$437.50



Refs: Bennotas RC, et al, Tetrahedron Lett. 1985, 26, p1123; Reitz AB, et al, Tetrahedron Lett. 1990, 31, p6777; Fowler PA, et al, Carbohydr. Res. 1993, 246, p377

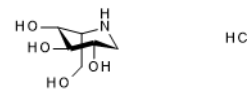
**1-Deoxy-L-idonojirimycin hydrochloride**

- (2S,3R,4R,5S)-2-Hydroxymethyl-3,4,5-piperidinetriol hydrochloride

[210223-32-8] C<sub>6</sub>H<sub>13</sub>ClNO<sub>4</sub> 199.63

MD16682

5mg	\$124.90
10mg	\$227.20
25mg	\$413.00



Refs: Legler, G, et al, Carbohydr. Res, 155, 119 (1986); Mitrakou, A, et al, Diabetic Med, 15, 657 (1998)

**2-Deoxy-1,3-myo-inosadiame**

see 6-Deoxy-L-talose, MD04657 on page 186



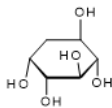
**1-D-3-Deoxy-myo-inositol**

• Viburnitol

[488-76-6] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 164.16

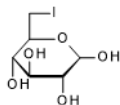
MD10114

25mg	\$130.00
50mg	\$210.00
100mg	\$350.00

**6-Deoxy-6-iodo-D-glucose**[6304-86-5] C<sub>6</sub>H<sub>11</sub>O<sub>5</sub> 290.05

MD00977

1g	\$795.00
2g	\$1100.00
5g	\$1625.00

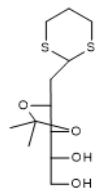
**2-Deoxy-1-isocyanto-D-glucose-triacetate**

see 3,4,6-Tri-O-acetyl-2-deoxy-D-glucopyranosyl isocyanate, MT04652 on page 567

**2-Deoxy-3,4-O-isopropylidene-D-arabino-hexose propylene dithioacetal**C<sub>12</sub>H<sub>22</sub>O<sub>4</sub>S<sub>2</sub> 294.43

MD05254

5mg	\$89.30
10mg	\$168.00
25mg	\$273.00

**2-Deoxy-3,4-O-isopropylidene-D-arabinopyranose**

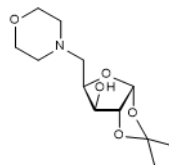
MD10712

Price On Application

**5-Deoxy-1,2-O-isopropylidene-5-(morpholin-1-yl)-a-D-xylofuranose**C<sub>12</sub>H<sub>21</sub>NO<sub>5</sub> 259.3

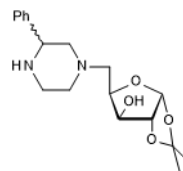
MD09869

Price On Application

**5-Deoxy-1,2-O-isopropylidene-5-(3-phenylpiperizin-1-yl)-a-D-xylofuranose**C<sub>18</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub> 334.32

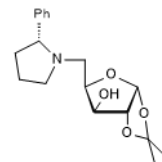
MD07485

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50

**5-Deoxy-1,2-O-isopropylidene-5-[(2R-phenylpyrrolidine)-1-yl]-a-D-xylofuranose**C<sub>18</sub>H<sub>25</sub>NO<sub>4</sub> 319.4

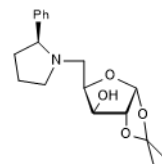
MD07486

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50

**5-Deoxy-1,2-O-isopropylidene-5-[(2S-phenylpyrrolidine)-1-yl]-a-D-xylofuranose**C<sub>18</sub>H<sub>25</sub>NO<sub>4</sub> 319.4

MD07491

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50



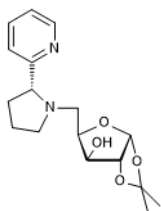
## Deoxyisoprop

## 5-Deoxy-1,2-O-isopropylidene-5-[(2R-pyridin-2-yl-pyrrolidine)-1-yl]-a-D-xylofuranose

C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub> 320.39

MD07487

10mg	\$89.30
25mg	\$168.00
50mg	\$315.00

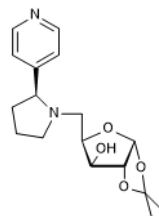


## 5-Deoxy-1,2-O-isopropylidene-5-[(2S-pyridin-4-yl-pyrrolidine)-1-yl]-a-D-xylofuranose

C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub> 320.39

MD07489

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50

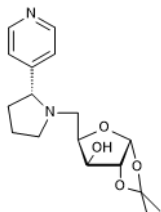


## 5-Deoxy-1,2-O-isopropylidene-5-[(2R-pyridin-4-yl-pyrrolidine)-1-yl]-a-D-xylofuranose

C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub> 320.39

MD07488

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50



## 4-Deoxy-2,3-O-isopropylidene-L-threonic acid methyl ester

see *Methyl 4-deoxy-2,3-O-isopropylidene-L-threonate*, MM63236 on page 387

## 3-Deoxy-1,2-O-isopropylidene-b-L-threopentofuranose

[14260-66-3]

Price On Application

MD145008

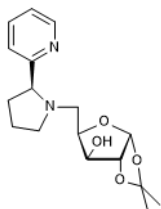


## 5-Deoxy-1,2-O-isopropylidene-5-[(2S-pyridin-2-yl-pyrrolidine)-1-yl]-a-D-xylofuranose

C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub> 320.39

MD07490

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50



## 3-Deoxy-1,2-O-isopropylidene-5-p-toluoyl-a-D-glycero-pent-3-enofuranose

[75096-63-8]

Price On Application

MD145006



## 3-Deoxy-1,2-O-isopropylidene-5-p-toluoyl-b-L-threo pentofuranose

Price On Application

MD145007

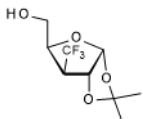


D

**3-Deoxy-1,2-O-isopropylidene-3-trifluoromethyl-a-D-xylofuranose**C<sub>8</sub>H<sub>13</sub>F<sub>3</sub>O<sub>4</sub> 242.19

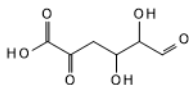
MD10102

Price On Application

**4-Deoxy-5-keto-hexuronic acid**[116696-68-5] C<sub>6</sub>H<sub>8</sub>O<sub>6</sub> 176.12

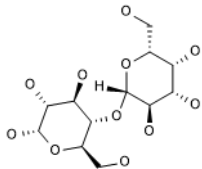
MD30106

Price On Application

**6-Deoxy-D-lactose**[52689-62-0] C<sub>12</sub>H<sub>22</sub>O<sub>10</sub> 326.3

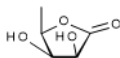
MD76590

1mg	\$100.00
2mg	\$180.00
5mg	\$400.00

**5-Deoxy-D-lyxono-1,4-lactone**C<sub>6</sub>H<sub>8</sub>O<sub>4</sub> 132.12

MD09166

250mg	\$132.50
500mg	\$210.00
1g	\$367.50

**5-Deoxy-L-lyxono-1,4-lactone**C<sub>6</sub>H<sub>8</sub>O<sub>4</sub> 132.12

MD09167

100mg	\$630.00
250mg	\$1050.00
500mg	\$1575.00

**Deoxymannojirimycin**

MD58380

Price On Application

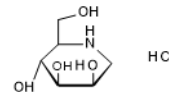
**1-Deoxymannojirimycin HCl**

- 1,5-Dideoxy-1,5-imino-D-mannitol HCl
- (2R,3R,4R,5R)-2-(Hydroxymethyl)-3,4,5-piperidinetriol hydrochloride
- Manno-1-deoxynojirimycin hydrochloride

[73465-43-7][84444-90-6] C<sub>8</sub>H<sub>13</sub>NO<sub>4</sub>·HCl 199.63

MD05149

5mg	\$55.00
10mg	\$90.00
25mg	\$150.00



Refs: Eur. J. Biochem. 1985, 150, p41-46; Sefton REB, et al, Melanoma Res. 1991, 1, p43; Suzuki SS, et al, J. Cell. Biochem. 1993, S1, p181; Spreitz J, Stütz AE, Wrodnigg TM, Carb. Res. 2002, 337(2), p183-186; Bischoff J, et al, J. Biol. Chem. 1986, 261, p4766

**3-Deoxy-D-manno-oct-2-ulosonic acid**

- KDO
- (4R,5R,6R,7R)-2-Oxo-4,5,6,7,8-pentahydroxyoctanoic acid
- 2-Oxo-3-deoxy-D-mannoctonic acid

[10149-14-1] C<sub>8</sub>H<sub>14</sub>O<sub>8</sub> 238.19

MD04048

50mg	\$2500.00
100mg	\$3500.00
250mg	\$6250.00

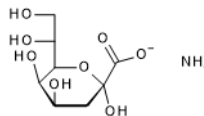
**3-Deoxy-D-manno-2-octulosonic acid ammonium salt**

- KDO

[103404-70-2] C<sub>8</sub>H<sub>17</sub>NO<sub>8</sub> 255.22

MD04654

1mg	\$60.00
2mg	\$90.00
5mg	\$175.00

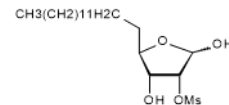


Refs: Bacteriol. Rev. 1966, 30, p192-255; J. Biol. Chem. 1985, 260, p16080-16088

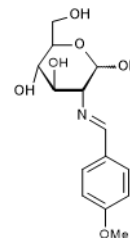
**3-[[6-O-(6-Deoxy-a-L-mannopyranosyl)-b-D-glucopyranosyl]oxy]-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-1-benzopyrylium**see *Delphinidin 3-O-rutinoside, MD59487* on page 162

**Deoxymannopy****3-[-(6-Deoxy-a-L-mannopyranosyl)oxy]-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-4H-1-benzopyran-4-one**see *Quercetin 3-a-L-rhamnoside*, MQ08116 on page 487**3-[[6-(6-Deoxy-a-L-mannopyranosyl)oxy]-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-4H-benzopyran-4-one**see *Myricitrin*, MM08117 on page 435**3-[[6-(6-Deoxy-a-L-mannopyranosyl)oxy]-7-b-D-glucopyranosyloxy]-5-hydroxy-2-(4-methoxyphenyl)-4H-1-benzopyran-4-one**see *Icariin*, MI08119 on page 323**(3b,5b)-3-[[6-(6-Deoxy-a-L-mannopyranosyl)oxy]-14-hydroxycard-20(22)-enolide**see *Evomonoside*, ME16724 on page 257**3-(6-Deoxy-a-L-mannopyranosyloxy)-14-hydroxybufa-4,20,22-trienolide**see *Proscillaridin A*, MP45299 on page 483**(1b,3b,5b,11a)-3-[[6-(6-Deoxy-a-L-mannopyranosyl)oxy]-1,5,11,14,19-pentahydroxycard-20(22)-enolide octahydrate**see *Ouabain octahydrate*, MO16828 on page 447**6-Deoxy-D-mannose**see *D-Rhamnose*, MR02762 on page 493**6-Deoxy-L-mannose**see *a-L-Rhamnose monohydrate*, MR14213 on page 493**6-Deoxy-L-mannose**see *L-Rhamnose monohydrate*, MR00035 on page 494**6-Deoxy-L-mannose**see *L-Rhamnose monohydrate - USP*, MR145585 on page 494**2-(6-Deoxy-L-manno-tetrahydroxypentyl)-2R,4R-1,3-thiazolidine-4-carboxylic acid**see *2-(L-Rhamno-tetrahydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid*, MR06661 on page 494**5-Deoxy-2-O-methanesulfonyl-5-tridecyl-D-ribofuranose**C<sub>19</sub>H<sub>38</sub>O<sub>6</sub>S 394.57

MD10478

2mg \$84.00  
5mg \$157.50  
10mg \$262.50**2-Deoxy-2-(4-methoxybenzyliden)imino-D-glucose**C<sub>14</sub>H<sub>19</sub>NO<sub>6</sub> 297.3

MD07242

500mg \$95.00  
1g \$168.00  
2g \$262.50**2-Deoxy-2-[[[(4-methoxyphenyl)methylene]amino]-D-glucose**see *N-(4-Methoxybenzylidene)-D-glucosamine*, MM16783 on page 361**1-Deoxy-1-methylamino-D-glucitol**see *N-Methyl-D-glucamine*, MM07027 on page 399**1-Deoxy-1-(methylamino)-D-glucitol antimonate**see *N-Methylglucamine antimonate*, MM44354 on page 400**2-Deoxy-2-(methylamino)-D-glucose**see *N-Methyl-D-glucosamine*, MM66747 on page 401**2-Deoxy-2-(methylamino)-L-glucose**see *N-Methyl-L-glucosamine*, MM157100 on page 401**6-Deoxy-3-O-methyl-D-galactose**see *D-Digitalose*, MD16178 on page 213

**6-Deoxy-3-C-methyl-D-gulose**

[69351-79-7]

MD05333

Price On Application

**6-Deoxy-5-C-methyl-4-O-methyl-D-lyxo-hexose**

see (-)-D-Noviose, MN34731 on page 443

**2-Deoxy-2-(3-methyl-3-nitrosoureido)-D-glucopyranose**

see Streptozocin, MS07936 on page 507

**1-Deoxy-1-[(1-methyl-6-phenyl-1H-imidazo[4,5-b]pyridin-2-yl)amino]-b-D-glucopyranuronic acid**

see 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine N-b-D-glucuronide, MA16593 on page 64

**2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-b-D-glucopyranose**

• 2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-D-glucose

[174844-42-9] C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>8</sub> 342.26

MD146413

Price On Application

**2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-D-glucose**• 2-NBDG  
• 2-[N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)amino]-2-deoxy-D-glucose[186689-07-6] C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>8</sub> 342.26

MD58730

1mg	\$125.00
2mg	\$220.00
5mg	\$375.00

**2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-D-glucose**

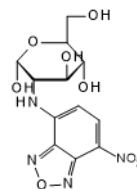
see 2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-b-D-glucopyranose, MD146413 on page 181

**2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-L-glucose**[1092935-76-6] C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>8</sub> 342.26

MD58731

1mg

\$500.00

**1-Deoxy-1-nitro-D-galactitol**[20971-06-6] C<sub>6</sub>H<sub>13</sub>NO<sub>7</sub> 211.17

MD02049

250mg

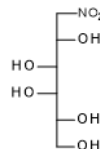
\$105.00

500mg

\$185.00

1g

\$315.00

**1-Deoxy-1-nitro-L-galactitol**[94481-72-8] C<sub>6</sub>H<sub>13</sub>NO<sub>7</sub> 211.17

MD05199

25mg

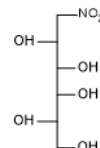
\$115.50

50mg

\$210.00

100mg

\$368.00

**1-Deoxy-1-nitro-D-itol hemihydrate**[96613-89-7] C<sub>6</sub>H<sub>13</sub>NO<sub>7</sub>·½H<sub>2</sub>O 220.18

MD00247

500mg

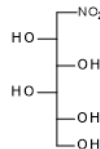
\$160.00

1g

\$262.50

2g

\$420.00



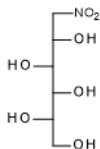
## Deoxynitroid

## 1-Deoxy-1-nitro-L-iditol hemihydrate

[105499-37-4] C<sub>6</sub>H<sub>13</sub>NO<sub>7</sub>·½H<sub>2</sub>O 220.18

MD00243

500mg	\$55.00
1g	\$99.80
2g	\$157.50

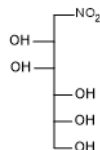


## 1-Deoxy-1-nitro-D-mannitol

[14199-83-8] C<sub>6</sub>H<sub>13</sub>NO<sub>7</sub> 211.17

MD00242

500mg	\$85.00
1g	\$126.00
2g	\$252.00



Refs: Beil. 1, IV, 2838

## 1-Deoxy-1-nitro-L-mannitol

[6027-42-5] C<sub>6</sub>H<sub>13</sub>NO<sub>7</sub> 211.2

MD02053

Price On Application



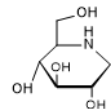
## 1-Deoxynojirimycin

- 1,5-Dideoxy-1,5-imino-D-glucitol
- Moranoline

[19130-96-2] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MD05255

100mg	\$65.00
250mg	\$115.00
500mg	\$175.00



Refs: Smid P, Schippers FJM, Broxterman HJG, Boons GJPH, van der Marel GA, van Boom JH. Recl. Trav. Chim. Pays-Bas 112 (7-8), 451-456; Stutz AE. Iminosugars as Glycosidase Inhibitors 1999 Wiley-VCH Verlag GmbH p173; Gross V, et al, J. Biol. Chem, 1983, 258, p12203

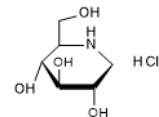
## 1-Deoxynojirimycin HCl

- 1,5-Dideoxy-1,5-imino-D-sorbitol hydrochloride
- (2R,3R,4R,5S)-2-(Hydroxymethyl)-3,4,5-piperidinetriol hydrochloride
- Duvoglustat hydrochloride

[73285-50-4] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>·HCl 199.63

MD04655

100mg	\$75.00
250mg	\$150.00
500mg	\$250.00



Refs: Suhm K, et al, J. Biol. Chem. 1992, 267, p2167

## 1-Deoxy-1-(octylamino)-D-glucitol

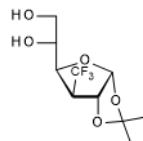
see 1-Octylamino-1-deoxy-D-glucitol, MO06713 on page 444

## 3-Deoxy-1,2-O-O-isopropylidene-3-trifluoromethyl-a-D-glucofuranose

C<sub>10</sub>H<sub>15</sub>F<sub>3</sub>O<sub>5</sub> 272.22

MD10101

Price On Application



## 2-Deoxy-2-[(1-oxopropyl)amino]-D-mannose

see N-Propanoyl mannosamine, MP16289 on page 479

## 3-Deoxypentose

see 3-Deoxypentulose, MD10639 on page 182

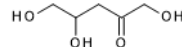
## 3-Deoxypentulose

- 3-Deoxyxylosone
- 3-Deoxypentose

[3343-53-1] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD10639

1g	\$150.00
2g	\$250.00
5g	\$450.00



**2-Deoxy-N-phenylglucosylamine**

• N-Phenyl-2-deoxy-D-glucosylamine

[136207-41-5] C<sub>12</sub>H<sub>17</sub>NO<sub>4</sub> 239.27

MD31766

Price On Application

**2-Deoxy-N-phenyl-L-ribofuranosylamine**

see 2-Deoxy-L-ribose-anilide, MD04229 on page 184

**2-Deoxy-2-N-phthalimido-1,3,4,6-tetra-O-acetyl-b-D-glucopyranose**

see 1,3,4,6-Tetra-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside, MT02699 on page 521

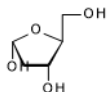
**2-Deoxy-2-phthalimido-tri-acetofluoro-a-D-glucose**

see 3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-a-D-glucopyranosyl fluoride, MT05044 on page 568

**2-Deoxy-a-L-ribofuranose**[113890-35-0] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD03970

Price On Application

**2-Deoxy-D-ribofuranose 3,5-dibenzoate**

see 3,5-di-O-Benzoyl-2-deoxyribofuranose, MB16674 on page 200

**3-(1-Deoxyribofuranosyl)benzamide**

• Benzamide riboside

[138385-29-2] C<sub>12</sub>H<sub>15</sub>NO<sub>5</sub> 253.25

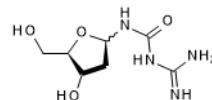
MD139021

Price On Application

**D-2'-Deoxyribofuranosyl-3-guanylurea**• N-(Aminoiminomethyl)-N'-(2-deoxy-D-erythro-pentofuranosyl)urea  
• Decitabine deformyl impurity formate[570410-72-9] C<sub>7</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub> 218.21

MD16684

2.5mg	\$335.00
5mg	\$535.00
10mg	\$835.00



Refs: Beisler, J.J.A, et al, J. Med. Chem, 21, 204 (1978)

**3'-(5'-Deoxy-a-D-ribofuranoyl) capecitabine**[1262133-68-5] C<sub>20</sub>H<sub>30</sub>FN<sub>3</sub>O<sub>9</sub> 475.47

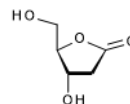
MD35293

Price On Application

**2-Deoxy-D-ribonic acid-1,4-lactone**[34371-14-7] C<sub>5</sub>H<sub>8</sub>O<sub>4</sub> 132.12

MD00127

250mg	\$80.00
500mg	\$135.00
1g	\$189.00



Refs: Ortuno RM, et.al, Tetrahedron, 1993, 49, 2, p349

**1-Deoxy-D-ribose**

• 1,4-Anhydro-L-ribitol

[51607-76-2] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.2

MD01054

50mg	\$525.00
100mg	\$850.00
250mg	\$1375.00



Refs: Lakin MT, Mouhous-Riou N, Lorin C, Rollin P, Kroon J, Perez S, Carbohydr. Res. 1996, 290, p125

## Deoxyribose

## 1-Deoxy-L-ribose

- 1,4-Anhydro-L-ribitol
- 2,5-Anhydro-D-ribitol

[3169-92-4] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD00772

Price On Application



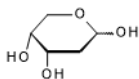
## 2-Deoxy-D-ribose

- Thymine
- 2-Deoxy-D-erythropentose
- 2-Deoxy-D-arabinose

[533-67-5] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD04977

25g	\$35.00
50g	\$60.00
100g	\$95.00



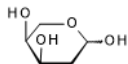
Refs: Dueholm KL, Motawia MS, Pedersen EB, Nielsen C, Lundt I, Arch. Pharm. (Weinheim) 1992, Sep 325(9), 597-601

## 2-Deoxy-L-ribose

[18546-37-7] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD00252

5g	\$50.00
10g	\$85.00
25g	\$170.00



Refs: Stewart AJ, Evans RM, Weymouth-Wilson AC, Cowley AR, Watkin DJ, Fleet GWJ. Tetrahedron: Asymmetry 2002, 13, 2667-2672; Beil. 1, IV, 4183; Jung ME, Xu Y, Tetrahedron Lett. 1997, Vol38, No24, p4199-4202

## 3-Deoxy-D-ribose

- 3-Deoxy-D-erythro-pentose

[3396-73-4]

MD00187

500mg	\$1500.00
1g	\$1950.00
2g	\$2860.00

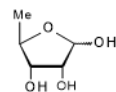


## 5-Deoxy-D-ribose

[13039-75-3] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD02658

1g	\$395.00
2g	\$600.00
5g	\$975.00



Refs: Escandar, Sala, New J. Org. Synthesis 1990, 22, p623

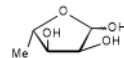


## 5-Deoxy-L-ribose

[18555-65-2] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD02689

50mg	\$118.50
100mg	\$210.00
250mg	\$315.00



Refs: Behr JB, Chevrier C, Defoin A, Tarnus C, Streith J, Tetrahedron 59, 2003, p543-553

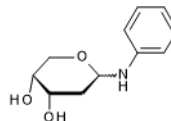


## 2-Deoxy-D-ribose-anilide

C<sub>11</sub>H<sub>15</sub>NO<sub>3</sub> 209.24

MD07053

5g	\$89.30
10g	\$168.00
25g	\$336.00



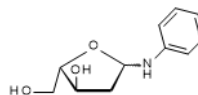
## 2-Deoxy-L-ribose-anilide

- 2-Deoxy-N-phenyl-L-ribofuranosylamine

[104578-89-4] C<sub>11</sub>H<sub>15</sub>NO<sub>3</sub> 209.12

MD04229

10g	\$70.00
25g	\$125.00
50g	\$195.00

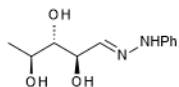




**5-Deoxy-L-ribose phenylhydrazone**[123168-30-9] C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub> 224.26

MD10604

Price On Application

**2-Deoxy-a-D-ribose-1-phosphate bis(cyclohexylammonium) salt**[102783-28-8] C<sub>5</sub>H<sub>11</sub>O<sub>7</sub>P·2C<sub>6</sub>H<sub>13</sub>N 412.46

MD05055

1mg	\$120.00
2mg	\$198.00
5mg	\$385.00

**2-Deoxy-D-ribose 5-phosphate sodium salt**[102916-66-5] C<sub>5</sub>H<sub>11</sub>O<sub>7</sub>P·xNa 214.11 (free acid basis)

MD64890

10mg	\$100.00
25mg	\$200.00
50mg	\$350.00

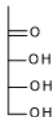
**2-Deoxy-ribose 1,3,5-Tribenzoate**

see 1,3,5-Tri-O-benzoyl-2-deoxyribofuranose, MT28570 on page 576

**1-Deoxy-D-ribulose - 1.0M Aqueous solution**C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD06617

10mg	\$71.00
25mg	\$142.50
50mg	\$221.00

**2-Deoxy-scyllo-inosamine**

see 3-Amino-2,3-dideoxy-D-myo-inositol, MI44770 on page 63

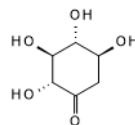
**2-Deoxy-scyllo-inosone**

• Cyclohexanone, 2,3,4,5-tetrahydroxy-, (2R,3S,4R,5S)-rel-

[61914-09-8] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MD44771

10mg	\$800.00
25mg	\$1125.00
50mg	\$1500.00

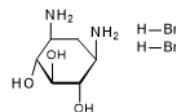
**2-Deoxystreptamine dihydrobromide**

• 4t,6t-Diamino-cyclohexan-1r,2t,3c-triol

[2037-48-1][84107-26-6] C<sub>6</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub>·2HBr 324.01

MD07331

25mg	\$65.00
50mg	\$100.00
100mg	\$150.00

**2-Deoxy-2-sulfamino-D-glucopyranose**

see D-Glucosamine-2-N-sulfate sodium salt, MG04231 on page 294

**2-Deoxy-2-sulfamino-D-glucopyranose-3-sulfate**

see D-Glucosamine-2-N,3-O-disulphate disodium salt, MG00755 on page 293

**6-Deoxy-D-tagatose**

see D-Fucose, MF07931 on page 269

**6-Deoxy-a-D-talose**[162427-44-3] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD44533

25mg	\$200.00
50mg	\$250.00
100mg	\$350.00



## Deoxytalose

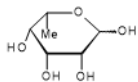
## 6-Deoxy-L-talose

• 2-Deoxy-1,3-myo-inosadiame

[7658-10-8] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MD04657

2mg	\$70.00
5mg	\$110.00
10mg	\$200.00

Refs: Chaput G, et al, *Experientia* 196, 1, 17, p107

## 1-Deoxythiomannojirimycin

• (2R,3S,4R,5S)-3,4,5-Trihydroxy-2-hydroxymethylthiane

MD63577

Price On Application



## 3-Deoxy-L-threo-2-Hexulosaric acid

[687-56-9]

MD157664

Price On Application



## 1-[2-Deoxy-3,5-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediyl]-b-D-erythro-pentofuranosyl]-4-(phenylmethoxy)-1H-imidazo[2,1-b]purine

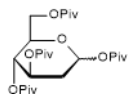
see *O6-Benzyl-N2,3-etheno-2'-deoxy-3',5'-O-[tetrakis(isopropyl)-1,3-disiloxanediyl] guanosine*, MB16630 on page 110

## 2-Deoxy-1,3,4,6-tetra-O-pivaloyl-D-glucopyranose

C<sub>26</sub>H<sub>44</sub>O<sub>9</sub> 500.64

MD08476

Price On Application



## 3-Deoxy-D-threo-pentose

see *3-Deoxy-D-arabinose*, MD05937 on page 163

## 3-Deoxy-L-threo-pentose

see *3-Deoxy-L-arabinose*, MD00682 on page 163

## 2'-Deoxy-thymidine-5'-diphospho-a-D-glucose disodium salt

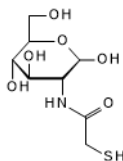
see *Thymidine-5'-diphosphate-D-glucose disodium salt*, MT04383 on page 558

## 2-Deoxy-2-N-(2'-thioacetyl)-D-glucosamine

[1334320-73-8] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub>S 253.27

MD59822

250mg	\$750.00
500mg	\$1150.00
1g	\$2000.00

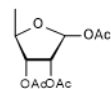


## 5-Deoxy-1,2,3-tri-O-acetyl-D-ribofuranoside

[37076-71-4] C<sub>11</sub>H<sub>16</sub>O<sub>7</sub> 260.24

MD00390

Price On Application



## 2-Deoxy-2-trifluoroacetamido-D-glucopyranose

see *2-Deoxy-2-trifluoroacetamido-D-glucose*, MD04659 on page 187

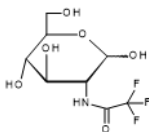
**2-Deoxy-2-trifluoroacetamido-D-glucose**

- N-Trifluoroacetyl-D-glucosamine
- 2-Deoxy-2-trifluoroacetamido-D-glucopyranose

[36875-26-0] C<sub>8</sub>H<sub>12</sub>F<sub>3</sub>NO<sub>6</sub> 275.18

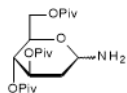
MD04659

250mg	\$132.50
500mg	\$250.00
1g	\$367.50

**2-Deoxy-3,4,6-tri-O-pivaloyl-D-glucopyranosyl amine**C<sub>21</sub>H<sub>37</sub>NO<sub>7</sub> 415.53

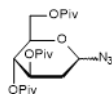
MD08482

Price On Application

**2-Deoxy-3,4,6-tri-O-pivaloyl-D-glucopyranosyl azide**C<sub>21</sub>H<sub>35</sub>N<sub>3</sub>O<sub>7</sub> 441.53

MD08483

Price On Application

**3-Deoxy-D-[UL-13C6]fructose**

MD14754

1mg	\$1365.00
2mg	\$2100.00
5mg	\$3937.50

**1-Deoxy-1-vinylsulfonamido-b-D-glucuronide**

MD31730

Price On Application

**3-Deoxy-D-xylo-hexose**

see 3-Deoxy-D-galactopyranose, MD06264 on page 174

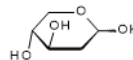
**4-Deoxy-D-xylo-hexose**

see 4-Deoxy-D-glucose, MD06660 on page 175

**2-Deoxy-D-xylose**[5284-18-4] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

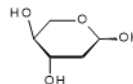
MD09896

10mg	\$70.00
25mg	\$125.00
50mg	\$200.00

**2-Deoxy-L-xylose**C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD09897

1g	\$1800.00
2g	\$3000.00
5g	\$4750.00

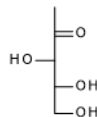
**3-Deoxyxylosone**

see 3-Deoxypentulose, MD10639 on page 182

**1-Deoxy-D-xylulose - Aqueous solution**[60299-43-6] C<sub>5</sub>H<sub>10</sub>O<sub>4</sub> 134.13

MD06616

10mg	\$75.00
25mg	\$150.00
50mg	\$250.00



## Deoxyxylulos

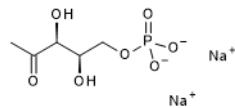
## 1-Deoxy-D-xylulose 5-phosphate

• Deoxyxylulose phosphate

[190079-18-6] C<sub>5</sub>H<sub>9</sub>O<sub>7</sub>P·2Na 258.07

MD29715

1mg	\$95.00
2mg	\$180.00
5mg	\$400.00



## Deoxyxylulose phosphate

see 1-Deoxy-D-xylulose 5-phosphate, MD29715 on page 188

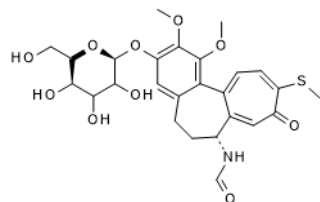
## N-Desacetyl-N-formyl thicolchicoside

• N-[(7S)-3-(β-D-Glucopyranosyloxy)-5,6,7,9-tetrahydro-1,2-dimethoxy-10-(methylthio)-9-oxobenzo[a]heptalen-7-yl]formamide

[219547-29-2] C<sub>28</sub>H<sub>31</sub>NO<sub>16</sub>S 549.59

MD16686

5mg	\$750.00
10mg	\$1300.00
25mg	\$2600.00



Refs: Kintz, P, et al, J. Anal. Toxicol, 1997, 21, 70 (1997); Shi, Q, et al, J. Med. Chem, 40, 961 (1997)

## 2,3-Desisopropylidene topiramate

• 4,5-O-(1-Methylethylidene)-β-D-fructopyranose 1-sulfamate

[851957-35-2] C<sub>9</sub>H<sub>17</sub>NO<sub>8</sub>S 299.3

MD21212

1mg	\$227.20
2mg	\$413.00
5mg	\$925.00



Refs: Maryanoff, B, et al, J. Med. Chem, 30, 880

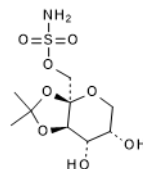
## 4,5-Desisopropylidene topiramate

• 2,3-O-(1-Methylethylidene)-β-D-fructopyranose 1-sulfamate

[106881-41-8] C<sub>9</sub>H<sub>17</sub>NO<sub>8</sub>S 299.3

MD16687

1mg	\$95.00
2mg	\$170.00
5mg	\$275.00



Refs: Maryanoff, B, et al, J. Med. Chem, 30, 880

## Deslanoside

• Deacetylkanatoside C

[17598-65-1]

MD65946

5mg	\$100.00
10mg	\$150.00
25mg	\$250.00

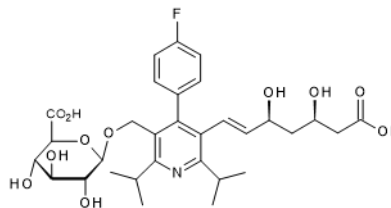


## Desmethyl cerivastatin O-β-D-glucuronide

[212616-56-3] C<sub>31</sub>H<sub>40</sub>FNO<sub>11</sub> 621.66

MD09499

1mg	\$420.00
2mg	\$787.50
5mg	\$1837.50



## O-Desmethyl-N,N-desmethyl-venlafaxine D-glucuronide

MD11767

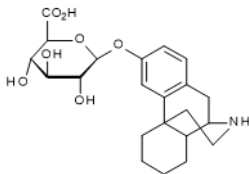
Price On Application



**N-Desmethyl dextrorphan O-b-D-glucuronide**[19153-89-0] C<sub>22</sub>H<sub>29</sub>NO<sub>7</sub> 419.48

MD09500

1mg	\$262.50
2mg	\$472.50
5mg	\$1023.80

**6-O-Desmethyl donepezil b-D-glucuronide**

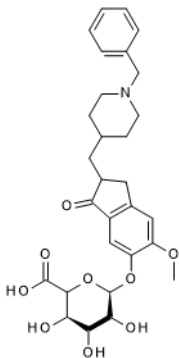
- 2,3-Dihydro-6-methoxy-3-oxo-2-[[1-(phenylmethyl)-4-piperidiny]methyl]-1H-inden-5-yl b-D-glucopyranosiduronic acid

- 6-O-Desmethyl donepezil glucuronide

[220170-73-0] C<sub>29</sub>H<sub>35</sub>NO<sub>9</sub> 541.59

MD16688

1mg	\$363.40
2mg	\$660.70
5mg	\$1201.20



Refs: De Vos, F, et al, Nuc. Med. Biol, 27, 745 (2000); Okereke, C, et al, Brit. J. Clin. Pharmacol, 58, 41 (2004)

**6-O-Desmethyl donepezil glucuronide**

see 6-O-Desmethyl donepezil b-D-glucuronide, MD16688 on page 189

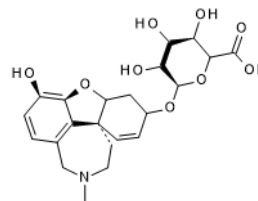
**O-Desmethyl galanthamine b-D-glucuronide**

- (4aS,6R,8aS)-4a,5,9,10,11,12-Hexahydro-6-hydroxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-3-yl b-D-glucopyranosiduronic acid

[464189-54-6] C<sub>22</sub>H<sub>27</sub>NO<sub>9</sub> 449.45

MD16689

1mg	\$408.80
2mg	\$743.30
5mg	\$1351.40

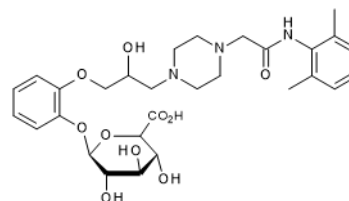


Refs: Mannens, G, et al, Drug Metab. Dispos, 30, 553 (2002); Farlow, M, et al, Clin. Pharmacokin, 42, 1383

**Desmethyl ranolazine b-D-glucuronide**[172300-93-5] C<sub>28</sub>H<sub>39</sub>N<sub>5</sub>O<sub>10</sub> 589.65

MD09501

1mg	\$304.50
2mg	\$567.00
5mg	\$1050.00

**3-Desmethylthiocolchicine-3-O-D-glucuronide**

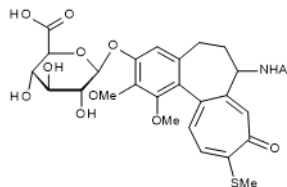
- (7S)-7-(Acetylamino)-5,6,7,9-tetrahydro-1,2-dimethoxy-10-(methylthio)-9-oxobenzo[a]heptalen-3-yl b-D-glucopyranosiduronic acid

- Thiocolchicoside glucuronide

[819802-34-1] C<sub>27</sub>H<sub>31</sub>NO<sub>11</sub>S 577.6

MD10001

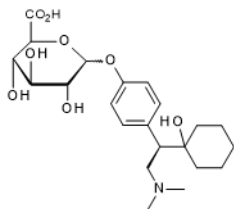
1mg	\$78.80
2mg	\$136.50
5mg	\$236.30



**Desmethylven****Desmethylvenlafaxine O-D-glucuronide**[1021933-98-1] C<sub>22</sub>H<sub>33</sub>NO<sub>8</sub> 439.5

MD04518

1mg	\$195.00
2mg	\$385.00
5mg	\$950.00

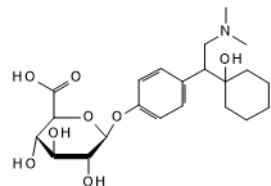
**rac O-Desmethyl venlafaxine b-D-glucuronide**

- 4-[2-(Dimethylamino)-1-(1-hydroxycyclohexyl)ethyl]phenol glucuronide
- 4-[2-(Dimethylamino)-1-(1-hydroxycyclohexyl)ethyl]phenylb-D-glucopyranosiduronic acid

[1021933-98-1] C<sub>22</sub>H<sub>33</sub>NO<sub>8</sub> 439.5

MD16846

1mg	\$260.00
2mg	\$460.00
5mg	\$900.00



Refs: Kelsey, J, et al, J. Clin. Psychopharmacol, 16, 21 (1996); Long, C, et al, J. Anal. Toxicol, 21, 166

**b-D-Desosamine**

see 3,4,6-Trideoxy-3-(dimethylamino-b-D-xylo-hexopyranose), MT145374 on page 589

**D-Desosamine**

[5779-39-5]

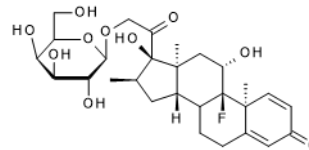
MD58368

1mg	\$195.00
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**Dexamethasone 21-O-b-D-galactopyranoside**[92901-23-0][319426-57-8] C<sub>28</sub>H<sub>39</sub>O<sub>10</sub>F 554.6

MD04424

1mg	\$204.80
2mg	\$367.50
5mg	\$656.25

**Dexibuprofen-acyl-b-D-glucuronide**

- (S)-Ibuprofen-acyl-b-D-glucuronide

[98649-76-4] C<sub>19</sub>H<sub>26</sub>O<sub>8</sub> 382.4

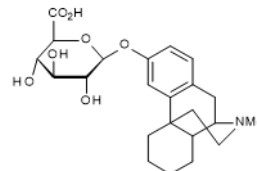
MD44741

Price On Application

**Dextrorphan O-b-D-glucuronide**[19153-87-8] C<sub>23</sub>H<sub>31</sub>NO<sub>7</sub> 433.51

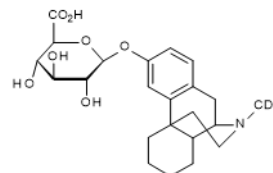
MD09504

1mg	\$170.00
2mg	\$300.00
5mg	\$650.00

**Dextrorphan O-b-D-glucuronide D3**[524713-58-4] C<sub>23</sub>H<sub>28</sub>NO<sub>7</sub>D<sub>3</sub> 436.52

MD09505

Price On Application

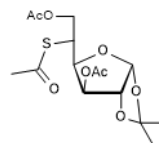
**Dextrose anhydrous**

see a-D-Glucose, MG03219 on page 295

**Dextrose anhydrous**see *D-Glucose - anhydrous*, MG08747 on page 296**Dextrose monohydrate**see *D-Glucose - monohydrate*, MG05194 on page 296**a-D-Fructofuranose pentaacetate**see *1,2,3,4,6-Penta-O-acetyl-a-D-fructofuranose*, MP145961 on page 450**3,4-DGE**see *3,4-Dideoxyglucosone-3-ene*, MD44643 on page 208**DGJ**see *1-Deoxygalactonojirimycin HCl*, MD06196 on page 173**DGJNAc**see *2-Acetamido-1,2-dideoxy-galactonojirimycin*, MA34339 on page 18**Diacetone-D-fructose**see *2,3,4,5-Di-O-isopropylidene-b-D-fructopyranose*, MD06165 on page 218**Diacetone fructose**see *1,2,4,5-Di-O-isopropylidene-b-D-fructopyranose*, MD03527 on page 218**Diacetonefructose**see *2,3,4,5-Di-O-isopropylidene-b-D-fructopyranose*, MD06165 on page 218**Diacetone-D-galactose**see *1,2,3,4-Di-O-isopropylidene-a-D-galactopyranose*, MD04713 on page 219**Diacetone-D-glucose**see *1,2,5,6-Di-O-isopropylidene-a-D-glucopyranose*, MD06795 on page 220**1,2:5,6-Diacetone-D-mannitol**see *1,2:5,6-Di-O-isopropylidene-D-mannitol*, MD03323 on page 222**Diacetone-D-mannose**see *2,3,5,6-Di-O-isopropylidene-a-D-mannofuranose*, MD01051 on page 222**Diacetone-D-xylose**see *1,2:3,5-Di-O-isopropylidene-a-D-xylofuranose*, MD05090 on page 225**3,6-Di-O-acetyl-5-S-acetyl-5-deoxy-1,2-O-isopropylidene-a-D-glucofuranose**[10227-17-5] C<sub>15</sub>H<sub>22</sub>O<sub>8</sub>S 362.4

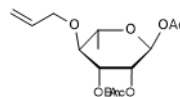
MD06768

1g	\$52.50
2g	\$84.00
5g	\$136.50

**1,2-Di-O-acetyl-4-O-allyl-3-O-benzyl-a-L-rhamnpyranose**C<sub>20</sub>H<sub>26</sub>O<sub>7</sub> 378.42

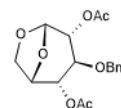
MD03167

1g	\$945.00
2g	\$1470.00
5g	\$2100.00

**2,4-Di-O-acetyl-1,6-anhydro-3-O-benzyl-b-L-idopyranose**[61237-60-3] C<sub>17</sub>H<sub>20</sub>O<sub>7</sub> 336.34

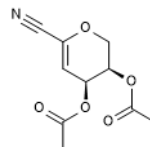
MA29646

50mg	\$150.00
100mg	\$250.00
250mg	\$425.00

**4,5-Di-O-acetyl-2,6-anhydro-3-deoxy-D-erythro-hex-2-enonitrile**[120085-65-6] C<sub>10</sub>H<sub>11</sub>NO<sub>5</sub> 225.2

MD00724

250mg	\$315.00
500mg	\$525.00
1g	\$945.00



**Diacetylanhy****3,4-Di-O-acetyl-1,6-anhydro-2-deoxy-2-fluoro-b-D-glucopyranose**[23236-00-2] C<sub>10</sub>H<sub>13</sub>FO<sub>6</sub> 248.21

MD46642

Price On Application

**1,2-Di-O-acetyl-3-azido-3-deoxy-5-O-benzoyl-D-ribofuranose**

[215176-56-0]

MD32506

Price On Application

**3,4-Di-O-acetyl-1,6-anhydro-2-deoxy-2-iodo-b-D-glucopyranose**[136573-62-1] C<sub>10</sub>H<sub>13</sub>IO<sub>6</sub> 356.11

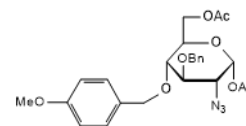
MD46638

Price On Application

**1,6-Di-O-acetyl-2-azido-2-deoxy-3-O-benzyl-4-O-(4-methoxybenzyl)-a-D-glucopyranose**[635683-74-8] C<sub>25</sub>H<sub>29</sub>N<sub>3</sub>O<sub>8</sub> 499.51

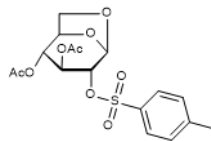
MD04102

Price On Application

**3,4-Di-O-acetyl-1,6-anhydro-2-O-p-toluenesulfonyl-b-D-glucopyranose**[84207-46-5] C<sub>17</sub>H<sub>20</sub>O<sub>9</sub>S 400.4

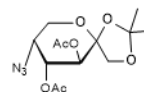
MD05259

5mg	\$89.30
10mg	\$168.00
25mg	\$315.00

**3,4-Di-O-acetyl-5-azido-5-deoxy-1,2-O-isopropylidene-b-D-fructose**[94801-00-0] C<sub>13</sub>H<sub>19</sub>N<sub>3</sub>O<sub>7</sub> 329.31

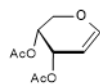
MD06752

5mg	\$94.50
10mg	\$168.00
25mg	\$304.50

**3,4-Di-O-acetyl-D-arabinal**[3945-17-3] C<sub>9</sub>H<sub>12</sub>O<sub>5</sub> 200.19

MD03727

1g	\$75.00
2g	\$145.00
5g	\$340.00

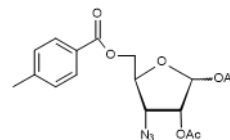


Refs: Etzold G, Langen P, Naturwissenschaften 1966, Vol53, No7, p178

**1,2-Di-O-acetyl-3-azido-3-deoxy-5-O-toluoyl-D-ribofuranose**[120143-22-8] C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>O<sub>7</sub> 377.35

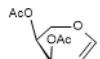
MD04222

50mg	\$94.50
100mg	\$158.00
250mg	\$290.00

**3,4-Di-O-acetyl-L-arabinal**[3945-18-4] C<sub>9</sub>H<sub>12</sub>O<sub>5</sub> 200.19

MD06474

1g	\$65.00
2g	\$110.00
5g	\$190.00



Refs: Marco-Contelles J, Ruiz J, Tetrahedron Lett. 1983

**1,2-O-Di-O-acetyl-5-O-benzoyl-3-deoxy-3C-methyl-D-ribofuranose**[444019-07-2] C<sub>17</sub>H<sub>20</sub>O<sub>7</sub> 336.34

MD15618

Price On Application

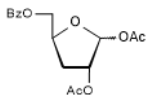




**1,2-Di-O-acetyl-5-O-benzoyl-3-deoxy-D-ribofuranose**[4613-71-2] C<sub>16</sub>H<sub>18</sub>O<sub>7</sub> 322.31

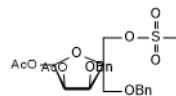
MD04725

50mg	\$70.00
100mg	\$125.00
250mg	\$225.00

**1,2-Di-O-acetyl-3-O-benzyl-4-C-(phenylmethoxy)methyl-L-Lyxofuranose 5-methanesulfonate**[221229-65-8] C<sub>25</sub>H<sub>30</sub>O<sub>10</sub>S 522.57

MD29296

Price On Application

**1,3-Di-O-acetyl-5-O-benzoyl-2-deoxy-D-xylofuranose**

• 1,3-Di-O-acetyl-2-deoxy-5-O-benzoyl-D-xylofuranose

[327027-21-4] C<sub>16</sub>H<sub>16</sub>O<sub>7</sub> 322.31

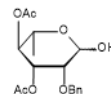
MD72048

Price On Application

**3,4-Di-O-acetyl-2-O-benzyl-L-rhamnopyranoside**C<sub>17</sub>H<sub>22</sub>O<sub>7</sub> 338.35

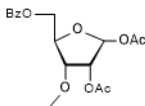
MD07411

25mg	\$89.50
50mg	\$168.00
100mg	\$263.00

**1,2-O-Di-O-acetyl-5-O-benzoyl-3-O-methyl-D-ribofuranose**[10300-21-7] C<sub>17</sub>H<sub>20</sub>O<sub>8</sub> 352.34

MD32500

Price On Application

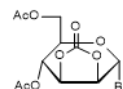
**4,6-Di-O-acetyl-2,3-O-carbonyl-a-D-mannopyranosyl bromide**

• Bromo-4,6-di-O-acetyl-a-D-mannopyranose-2,3-carbonate

[53958-21-7] C<sub>11</sub>H<sub>13</sub>BrO<sub>8</sub> 353.12

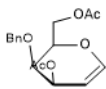
MD04665

50mg	\$89.50
100mg	\$168.00
250mg	\$263.00

**3,6-Di-O-acetyl-4-O-benzyl-D-galactal**C<sub>17</sub>H<sub>20</sub>O<sub>6</sub> 320.35

MD07470

250mg	\$92.50
500mg	\$160.00
1g	\$315.00

**1,3-Di-O-acetyl-2-deoxy-5-O-benzoyl-L-erythro-pentofuranose**C<sub>16</sub>H<sub>18</sub>O<sub>7</sub> 322.31

MD05689

Price On Application

**1,2-Di-O-acetyl-3-O-benzyl-4-C-(methanesulfonyloxymethyl)-5-O-methanesulfonyl-D-ribofuranose**

MD09258

Price On Application

**1,3-Di-O-acetyl-2-deoxy-5-O-benzoyl-D-xylofuranose**

see 1,3-Di-O-acetyl-5-O-benzoyl-2-deoxy-D-xylofuranose, MD72048 on page 193

**Diacetyldeox****1,2-Di-O-acetyl-3-deoxy-3-fluoro-5-O-toluoyl-D-ribofuranose**C<sub>18</sub>H<sub>23</sub>FO<sub>7</sub> 370.37

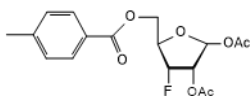
MD71508

Price On Application

**1,2-Di-O-acetyl-3-deoxy-3-fluoro-5-toluoyl-D-ribofuranose**[1612192-28-5] C<sub>17</sub>H<sub>19</sub>FO<sub>7</sub> 354.33

MD15557

Price On Application

**3,4-Di-O-acetyl-6-deoxy-L-glucal**

see 3,4-Di-O-acetyl-L-rhamnol, MD03499 on page 195

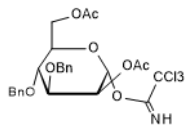
**3-[[3,4-Di-O-acetyl-6-deoxy-2-O-(phenylmethyl)-a-L-mannopyranosyl]oxy]-5,7-bis(phenylmethoxy)-2-[4-(phenylmethoxy)phenyl]-4H-1-benzopyran-4-one**

see 5,7-Bis-(benzyloxy)-a-(4-(benzyloxy)phenyl)-3-[3,4-di-O-acetyl-a-O-acetyl-a-L-rhamnopyranosyloxy]-4H-chromen-4-one, MB16635 on page 121

**2,6-Di-O-acetyl-3,4-di-O-benzyl-a-D-mannopyranosyl trichloroacetimidate**C<sub>28</sub>H<sub>28</sub>Cl<sub>3</sub>NO<sub>8</sub> 588.86

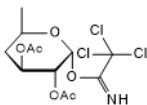
MD06212

50mg	\$105.00
100mg	\$189.00
250mg	\$315.00

**2,3-Di-O-acetyl-4,6-dideoxy-a-D-glucopyranosyl trichloroacetimidate**[485809-87-8] C<sub>12</sub>H<sub>16</sub>Cl<sub>3</sub>NO<sub>6</sub> 376.62

MD06591

Price On Application

**3,4-Di-O-acetyl-L-fucal**[54621-94-2] C<sub>10</sub>H<sub>14</sub>O<sub>5</sub> 214.22

MD06018

1g	\$750.00
2g	\$1100.00
5g	\$1500.00

**(N,6-O)-Diacetyl-D-glucosamine**

see N-Acetyl-D-glucosamine 6-acetate, MA16584 on page 35

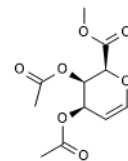
**3,4-Di-O-acetyl-D-glucuronal methyl ester**

- 2,6-Anhydro-5-deoxy-D-arabino-hex-5-enonic acid diacetate methyl ester
- 1,2-Dideoxy-D-lyxo-hex-1-enopyranuronic acid diacetate methyl ester
- D-Glucuronal 3,4-diacetate methyl ester

[34296-99-6] C<sub>11</sub>H<sub>14</sub>O<sub>7</sub> 258.22

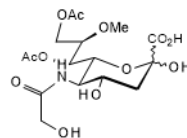
MG16739

5mg	\$150.00
10mg	\$272.60
25mg	\$496.00

**7,9-Di-O-acetyl-N-glycolyl-8-O-methylneuraminic acid**[128885-13-2] C<sub>16</sub>H<sub>25</sub>NO<sub>12</sub> 423.37

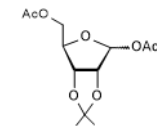
MD59582

Price On Application

**1,5-Di-O-acetyl-2,3-O-isopropylidene-D-ribofuranose**[141979-56-8] C<sub>12</sub>H<sub>18</sub>O<sub>7</sub> 274.27

MD04662

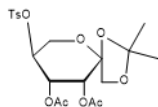
1g	\$55.00
2g	\$90.00
5g	\$190.00



**3,4-Di-O-acetyl-1,2-O-isopropylidene-5-O-p-toluenesulfonyl-a-L-sorbopyranose**[53821-66-2] C<sub>20</sub>H<sub>26</sub>O<sub>10</sub>S 458.48

MD04661

500mg	\$95.00
1g	\$178.50
2g	\$336.00

**2,5-Di-O-acetyl-3-C-methyl-D-lyxono-1,4-lactone**C<sub>10</sub>H<sub>14</sub>O<sub>7</sub> 246.21

MD05192

Price On Application

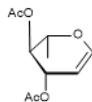
**3,4-Di-O-acetyl-L-rhamnal**

• 3,4-Di-O-acetyl-6-deoxy-L-glucal

[34819-86-8] C<sub>10</sub>H<sub>14</sub>O<sub>5</sub> 214.22

MD03499

2g	\$60.00
5g	\$90.00
10g	\$150.00

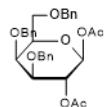


Refs: Toshima K, Ishizuka T, Matsuo G, Nakata M, Synlett. 1995, p306-308

**1,2-Di-O-acetyl-3,4,6-tri-O-benzyl-b-D-galactopyranoside**[77790-46-6] C<sub>31</sub>H<sub>34</sub>O<sub>8</sub> 534.6

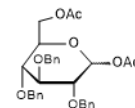
MD63351

1g	\$150.00
2g	\$250.00
5g	\$575.00

**1,6-Di-O-acetyl-2,3,4-tri-O-benzyl-D-glucopyranose**[59433-13-5] C<sub>31</sub>H<sub>34</sub>O<sub>8</sub> 534.6

MD05344

500mg	\$95.00
1g	\$168.00
2g	\$315.00

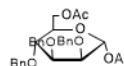


Refs: Miyamoto Y, Ogawa S, J. Chem. Soc. Perkin Trans. 1 1989, p1013-1018

**1,6-Di-O-acetyl-2,3,4-tri-O-benzyl-a-D-mannopyranose**[65556-30-1] C<sub>31</sub>H<sub>34</sub>O<sub>8</sub> 534.6

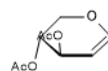
MD04716

500mg	\$105.00
1g	\$189.00
2g	\$336.00

**3,4-Di-O-acetyl-D-xytal**[3152-43-0] C<sub>9</sub>H<sub>12</sub>O<sub>5</sub> 200.19

MD07471

250mg	\$85.00
500mg	\$150.00
1g	\$275.00

**1,2-Diacyl-3-O-b-D-galactosyl-sn-glycerol**see *Monogalactosyldiacylglycerol*, MM29186 on page 432**1,2-Diacyl-sn-glycero-3-phospho-(1-D-myo-inositol)**see *L-a-Phosphatidylinositol - from Soy bean*, MP32572 on page 475**4t,6t-Diamino-cyclohexan-1r,2t,3c-triol**see *2-Deoxystreptamine dihydrobromide*, MD07331 on page 185

## Dianhydroose

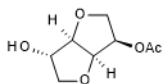
## 1,4:3,6-Dianhydro-2-O-acetyl-D-glucitol

• Isosorbide-2-acetate

[13042-39-2] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 188.18

MD09909

5g	\$50.00
10g	\$80.00
25g	\$175.00

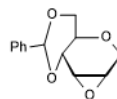


## 1,5:2,3-Dianhydro-4,6-O-benzylidene-D-allitol

[109428-30-0] C<sub>13</sub>H<sub>14</sub>O<sub>4</sub> 234.25

MD00953

100mg	\$40.00
250mg	\$70.00
500mg	\$110.00



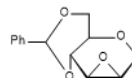
Refs: Abramov M, Marchand A, Calleja-Marchand A, Herdewijn P, Nucleosides Nucleotides Nucleic Acids. 2004, 23, p439-55

## 1,5:2,3-Dianhydro-4,6-O-benzylidene-D-mannitol

C<sub>13</sub>H<sub>14</sub>O<sub>4</sub> 234.25

MD06847

250mg	\$105.00
500mg	\$160.00
1g	\$262.50



## 1,6:2,3-Dianhydro-4-O-benzyl-b-D-mannopyranose

• 4-O-Benzyl - manno-Cerny epoxide

[33208-47-8] C<sub>13</sub>H<sub>14</sub>O<sub>4</sub> 234.25

MD46637

1g	\$1200.00
2g	\$1800.00
5g	\$3375.00



## 1,4:3,6-Dianhydro-2,5-di-O-ethyl-D-glucitol

[30915-81-2]

MD30011

Price On Application



## 2,5:3,4-Dianhydro-D-altritol

[84518-62-7]

MD63094

Price On Application



## 1,5:3,4-Dianhydro-D-altropyranose

see 1,6:3,4-Dianhydro-b-D-altropyranose, MD07326 on page 196

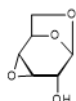
## 1,6:3,4-Dianhydro-b-D-altropyranose

• 1,5:3,4-Dianhydro-D-altropyranose

[3868-04-0] C<sub>6</sub>H<sub>8</sub>O<sub>4</sub> 144.13

MD07326

10mg	\$95.00
25mg	\$165.00
50mg	\$295.00



Refs: Cerny M, et.al, Coll. Czech. Chem. Comm, 1965, 30, p1151



## 1,6:3,4-Di-O-anhydro-2-O-benzyl-b-D-altropyranose

MD10305

Price On Application



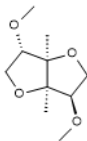
**1,4:3,6-Dianhydro-2,5-di-O-methyl-D-glucitol**

- 1,4:3,6-Dianhydrosorbitol 2,5-dimethyl ether
- 2,5-Di-O-methyl-1,4:3,6-dianhydro-D-glucitol
- Isosorbide dimethyl ether

[5306-85-4] C<sub>8</sub>H<sub>14</sub>O<sub>4</sub> 174.19

MD41783

50g	\$50.00
100g	\$85.00
250g	\$187.50

**1,4:3,6-Dianhydro-2,5-di-O-methyl-D-Iditol**C<sub>8</sub>H<sub>14</sub>O<sub>4</sub> 174.19

MD157245

1g \$4650.00

**1,4:3,6-Dianhydro-2,5-di-O-methyl-L-mannitol**C<sub>8</sub>H<sub>14</sub>O<sub>4</sub> 174.19

MD157244

1g \$3500.00

**1,4:3,6-Dianhydro-2,5-dinitro-D-glucitol**see *Isosorbide dinitrate - 60% lactose and 40% Isosorbide dinitrate, MI09907* on page 342**Dianhydrodulcitol**see *1,2:5,6-Dianhydrogalactitol, MD44862* on page 197**1,2:5,6-Dianhydrogalactitol**

- Dianhydrodulcitol
- Dulcitol diepoxide

[23261-20-3] C<sub>6</sub>H<sub>10</sub>O<sub>4</sub> 146.14

MD44862

100mg	\$250.00
250mg	\$500.00
500mg	\$850.00

**1,4:3,6-Dianhydrogalactitol**

[915288-38-9]

MD156854

Price On Application

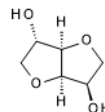
**1,4:3,6-Dianhydro-D-glucitol**

- 1,4,3,6-Dianhydrosorbitol
- D-Isosorbide
- 1,4:3,6-Dianhydro-D-sorbitol

[652-67-5] C<sub>8</sub>H<sub>10</sub>O<sub>4</sub> 146.14

MD07153

250g	\$50.00
500g	\$85.00
1kg	\$150.00



Refs: Okada M, Yokoe M, Aoi K, J. Appl. Polym. Sci. 2002, Vol86, Issue 4, p872-880

**1,4:3,6-Dianhydro-D-glucitol 2-mononitrate**see *1,4:3,6-Dianhydro-2-nitro-D-glucitol, MD24729* on page 198**1,4:3,6-Dianhydro-D-Iditol**

- D-Isoidide

[28948-16-5] C<sub>6</sub>H<sub>10</sub>O<sub>4</sub> 146.14

MD156797

Price On Application



## Dianhydroman

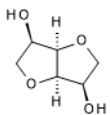
## 1,4:3,6-Dianhydro-D-mannitol

• Isomannide

[641-74-7] C<sub>6</sub>H<sub>10</sub>O<sub>4</sub> 146.14

MD06655

50g	\$60.00
100g	\$95.00
250g	\$175.00



Refs: Okada M, Tsunoda K, Tachikawa K, Aoi K, J. Appl. Polym. Sci. Vol77, 2, p338-346

## 1,4:3,6-Dianhydro-L-mannitol

[1394295-11-4] C<sub>6</sub>H<sub>10</sub>O<sub>4</sub> 146.14

MD156798

Price On Application



## 1,6:2,3-Dianhydro-b-D-mannopyranose

[3868-03-9] C<sub>6</sub>H<sub>8</sub>O<sub>4</sub> 144.13

MD11491

100mg	\$45.00
250mg	\$60.00
500mg	\$80.00



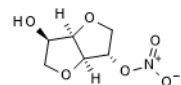
## 1,4:3,6-Dianhydro-2-nitro-D-glucitol

- Isosorbide 2-nitrate
- 6-Nitrooxyhexahydro-furo[3,2-b]furan-3-ol
- 1,4:3,6-Dianhydro-D-glucitol 2-mononitrate

[16106-20-0] C<sub>6</sub>H<sub>9</sub>NO<sub>6</sub> 191.14

MD24729

5mg	\$131.50
10mg	\$210.00
25mg	\$300.00



Refs: Goldberg, et al, Acta Physiol. Scand, 15, 173 (1948); Silvieri, L.A, et al, Anal. Profiles Drug Subs, 4, 225 (1975); Laufen, H, et al, Arzneim.-Forsch, 33, 980 (1983)

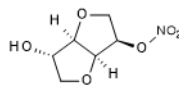
## 1,4:3,6-Dianhydro-5-nitro-D-glucitol

• Isosorbide mononitrate

[16051-77-7] C<sub>6</sub>H<sub>9</sub>NO<sub>6</sub> 191.14

MD09906

1g	\$80.00
2g	\$150.00
5g	\$200.00



## 1,4:3,6-Dianhydro-2-O-methyl-D-glucitol

[6941-54-4] C<sub>7</sub>H<sub>12</sub>O<sub>4</sub> 160.17

MD156856

1g \$2600.00



## 2,5:3,4-Dianhydro-6-O-2-propenyl-dimethyl acetal-L-talose

• (1R,2R,4S)-2-(Dimethoxymethyl)-4-(prop-2-enoxymethyl)-3,6-dioxabicyclo[3.1.0]hexane

[473796-96-2] C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

MD63093

Price On Application



## 1,4,3,6-Dianhydrosorbitol

see 1,4:3,6-Dianhydro-D-glucitol, MD07153 on page 197

## 1,4:3,6-Dianhydro-D-sorbitol

see 1,4:3,6-Dianhydro-D-glucitol, MD07153 on page 197

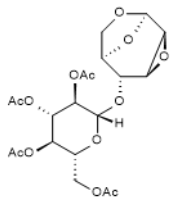
## 1,4:3,6-Dianhydrosorbitol 2,5-dimethyl ether

see 1,4:3,6-Dianhydro-2,5-di-O-methyl-D-glucitol, MD41783 on page 197

**1,6:2,3-Dianhydro-4-O-(2',3',4',6'-tetra-O-acetyl-b-D-glucopyranosyl)-b-D-mannopyranose**[103702-87-0] C<sub>20</sub>H<sub>26</sub>O<sub>13</sub> 474.41

Price On Application

MD46587

**1,6:3,4-Dianhydro-2-O-p-toluenesulfonyl-b-D-galactopyranose**

• 1,6:3,4-Dianhydro-2-O-tosyl-b-D-galactopyranose

[6167-32-4] C<sub>13</sub>H<sub>14</sub>O<sub>6</sub>S 298.31

MD06638

250mg	\$55.00
500mg	\$80.00
1g	\$126.00

**1,6:3,4-Dianhydro-2-O-tosyl-b-D-galactopyranose**

see 1,6:3,4-Dianhydro-2-O-p-toluenesulfonyl-b-D-galactopyranose, MD06638 on page 199

**1-(3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-a-D-erythro-pentofuranosyl)-2,4(1H,3H)-pyrimidinedione**

see 1'-Epi 2',2'-difluoro-2'-deoxyuridine 3',5'-dibenzoate, ME16708 on page 235

**3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-1-O-methanesulfonyl-a-D-ribofuranoside - 75% alpha purity**[134877-43-3][122111-11-9] C<sub>20</sub>H<sub>18</sub>F<sub>2</sub>O<sub>6</sub>S 456.41

MD71568

10g	\$50.00
25g	\$100.00
50g	\$180.00

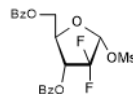
**3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-1-O-methanesulfonyl-a-D-ribofuranoside - 98% alpha purity**

• 2-Deoxy-2,2-difluoro-D-erythro-pentofuranose-3,5-dibenzoate-1-methanesulfonate

[134877-43-3][122111-11-9] C<sub>20</sub>H<sub>18</sub>F<sub>2</sub>O<sub>6</sub>S 456.41

MD08302

5g	\$95.00
10g	\$170.00
25g	\$300.00

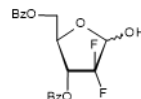
**3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-D-ribofuranose**

• 2-Deoxy-2,2-difluoro-D-erythro-ribofuranose-3,5-dibenzoate

[143157-22-6] C<sub>19</sub>H<sub>16</sub>F<sub>2</sub>O<sub>6</sub> 378.32

MD07340

500mg	\$185.00
1g	\$262.50
2g	\$409.50

**3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-D-ribofuran-1-ulose**

see 3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-D-ribonic acid-1,4-lactone, MD04694 on page 199

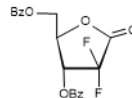
**3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-D-ribonic acid-1,4-lactone**

- 3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-D-ribofuran-1-ulose
- 2-Deoxy-2,2-difluoro-D-erythro-pentofuranosyl-1-ulose-3,5-dibenzoate

[122111-01-7] C<sub>19</sub>H<sub>14</sub>F<sub>2</sub>O<sub>6</sub> 376.31

MD04694

25g	\$75.00
50g	\$125.00
100g	\$175.00

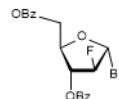
**3,5-Di-O-benzoyl-2-deoxy-2-fluoro-a-D-arabinofuranosyl bromide**

• 2-Deoxy-2-fluoro-a-D-arabinofuranosyl bromide 3,5-dibenzoate

[97614-44-3] C<sub>19</sub>H<sub>16</sub>BrFO<sub>5</sub> 423.24

MD08514

500mg	\$90.00
1g	\$138.00
2g	\$220.00



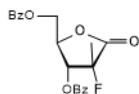
## Dibenzoyldeo

## 3,5-Di-O-benzoyl-2-deoxy-2-fluoro-2C-methyl-D-ribo-1,4-lactone

[874638-80-9] C<sub>20</sub>H<sub>17</sub>FO<sub>6</sub> 342.34

MD09387

5g	\$60.00
10g	\$100.00
25g	\$140.00

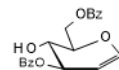


## 3,6-Di-O-benzoyl-D-glucal

[58871-06-0]

MD04278

Price On Application



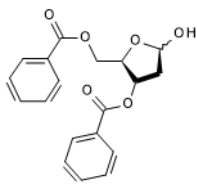
## 3,5-di-O-Benzoyl-2-deoxyribofuranose

• 2-Deoxy-D-ribofuranose 3,5-dibenzoate

[112137-63-0] C<sub>19</sub>H<sub>16</sub>O<sub>6</sub> 342.34

MB16674

50mg	\$110.50
100mg	\$201.00
250mg	\$365.00

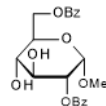


## 2,6-Di-O-benzoyl-methyl-a-D-glucopyranoside

[26927-44-6] C<sub>21</sub>H<sub>22</sub>O<sub>8</sub> 402.39

MD00699

Price On Application

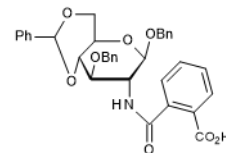


## 1,3-Di-O-benzyl-4,6-O-benzylidene-2-(2-carboxybenzimid)-2-deoxy-b-D-glucopyranoside

C<sub>35</sub>H<sub>33</sub>NO<sub>8</sub> 595.64

MD07402

250mg	\$92.50
500mg	\$160.00
1g	\$262.50



## 2,3-Di-O-benzyl-4,6-O-benzylidene 1-deoxy-1-(ethylsulfanyl)-a-D-mannopyranose

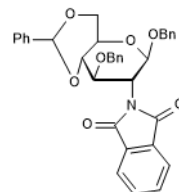
see Ethyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside S-oxide, ME04522 on page 247

## 1,3-Di-O-benzyl-4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside

[80035-34-3] C<sub>35</sub>H<sub>31</sub>NO<sub>7</sub> 577.64

MD07410

250mg	\$92.50
500mg	\$160.00
1g	\$262.50



## 1,4-Dibenzoyl-2,3:5,6-di-O-isopropylidene myo-inositol

[99756-37-3]

MD159059

Price On Application



## 3,6-Di-O-benzoyl-D-galactal

[130323-36-3]

MD04312

Price On Application

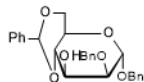




**1,2-Di-O-benzyl-4,6-O-benzylidene-a-D-mannopyranoside**[40983-95-7] C<sub>27</sub>H<sub>28</sub>O<sub>6</sub> 448.51

MD04585

100mg	\$100.00
250mg	\$217.50
500mg	\$395.00



Refs: Lemanski G, Ziegler T, Helv. Chim. Acta 83, 10, p2676-2697

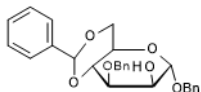
**1,3-Di-O-benzyl-4,6-O-benzylidene-a-D-mannopyranoside**

• Benzyl-3-O-benzyl-4,6-O-benzylidene-a-D-mannopyranoside

[62774-16-7] C<sub>27</sub>H<sub>28</sub>O<sub>6</sub> 448.51

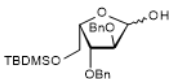
MD10368

5mg	\$89.30
10mg	\$147.00
25mg	\$236.50

**2,3-Di-O-benzyl-5-O-tert-butylidimethylsilyl-L-arabinofuranose**C<sub>25</sub>H<sub>36</sub>O<sub>5</sub>Si 444.65

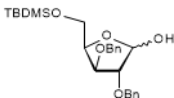
MD09302

250mg	\$262.50
500mg	\$420.00
1g	\$630.00

**2,3-Di-O-benzyl-5-O-tert-butylidimethylsilyl-D-xylofuranose**C<sub>25</sub>H<sub>36</sub>O<sub>5</sub>Si 444.65

MD09303

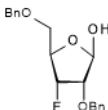
250mg	\$262.50
500mg	\$420.00
1g	\$630.00

**2,5-Di-O-benzyl-3-deoxy-3-fluoro-b-D-ribofuranose**

[123369-31-3]

MD59623

Price On Application

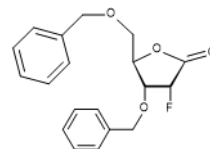
**3,5-Di-O-benzyl-2-deoxy-2-fluoro-D-ribo-1,4-lactone**

• 2-Deoxy-2-fluoro-3,5-bis-O-(phenylmethyl) ribonic acid gamma-lactone

[1355049-97-6] C<sub>19</sub>H<sub>18</sub>FO<sub>4</sub> 330.35

MD28851

1g	\$1250.00
2g	\$1950.00
5g	\$3125.00

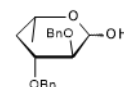
**2,3-Di-O-benzyl-4-deoxy-L-fucose**

• 2,3-Di-O-benzyl-4,6-dideoxy-L-xylo-hexose

[191036-43-8] C<sub>20</sub>H<sub>24</sub>O<sub>4</sub> 328.4

MD04696

1mg	\$65.00
2mg	\$100.00
5mg	\$225.00

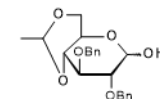
**2,3-Di-O-benzyl-4,6-dideoxy-L-xylo-hexose**

see 2,3-Di-O-benzyl-4-deoxy-L-fucose, MD04696 on page 201

**2,3-Di-O-benzyl-4,6-O-ethylidene-D-glucopyranose**[471863-88-4][170078-65-6] C<sub>22</sub>H<sub>26</sub>O<sub>6</sub> 386.44

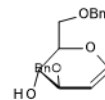
MD05396

2g	\$52.50
5g	\$94.50
10g	\$157.50

**3,6-Di-O-benzyl-D-glucal**[145852-76-2] C<sub>20</sub>H<sub>22</sub>O<sub>4</sub> 326.39

MD07472

500mg	\$550.00
1g	\$875.00
2g	\$1580.00



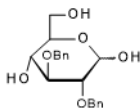
Refs: Reddy BG, Vankar YD, Tetrahedron Letters 2003, 44, 25, p4765



**Dibenzylgluc****2,3-Di-O-benzyl-D-glucopyranose**[18933-71-6] C<sub>20</sub>H<sub>24</sub>O<sub>6</sub> 360.4

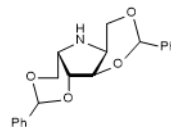
MD06770

25g	\$100.00
50g	\$157.50
100g	\$263.00

**1,3:4,6-Di-O-benzylidene-2,5-dideoxy-2,5-imino-L-idoitol**[187343-15-3] C<sub>20</sub>H<sub>21</sub>NO<sub>4</sub> 339.39

MD06769

5mg	\$89.30
10mg	\$168.00
25mg	\$336.00



Refs: Kessel D, et al, Photochem. Photobiol. 1992 55, p397

**1,6-Di-O-benzyl-a-D-glucopyranoside**

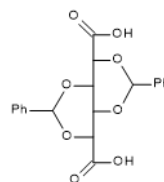
MD29836

Price On Application

**2,4:3,5-Di-O-benzylidene-L-idaric acid**C<sub>20</sub>H<sub>18</sub>O<sub>8</sub> 386.35

MD07323

2mg	\$89.30
5mg	\$168.00
10mg	\$262.50

**3,4-Di-O-benzyl-D-glucose**

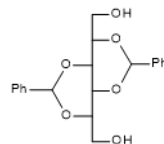
MD159129

Price On Application

**2,4:3,5-Di-O-benzylidene-L-idoitol**[78512-81-9][45007-61-2] C<sub>20</sub>H<sub>22</sub>O<sub>6</sub> 358.39

MD07322

2mg	\$70.00
5mg	\$135.00
10mg	\$230.00

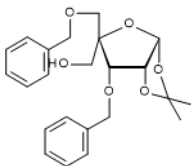


Refs: Sice J, et al, JACS, 1954, 76, p1661

**3,5-Di-O-benzyl-4-C-hydroxymethyl-1,2-O-isopropylidene-a-D-ribofuranose**

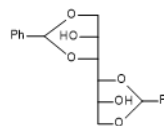
MD31410

1g	\$525.00
2g	\$735.00
5g	\$1050.00

**1,3:4,6-Di-O-benzylidene-D-mannitol**[28224-73-9] C<sub>20</sub>H<sub>22</sub>O<sub>6</sub> 358.39

MD04523

1g	\$120.00
2g	\$190.00
5g	\$210.00

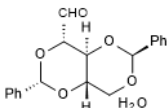


Refs: Kessel D, et al, Photochem. Photobiol. 1992, 55, 397

**2,4:3,5-Di-O-benzylidene-aldehydo-D-ribose hydrate**[32580-00-0] C<sub>19</sub>H<sub>18</sub>O<sub>5</sub>·H<sub>2</sub>O 344.36

MD05069

50mg	\$420.00
100mg	\$630.00
250mg	\$1365.00

**Dibenzylidene sorbitol**

see 1,3,2,4-Bis(O-benzylidene)-D-sorbitol, MB33324 on page 121

**3,5-Di-O-Benzyl-1,2-O-isopropylidene-a-D-ribofuranose**

[55735-86-9]

MD32502

Price On Application

**2,4-Di-O-Benzyl-D-mannopyranose**

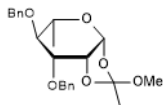
MD31427

Price On Application

**3,4-Di-O-benzyl-1,2-O-(1-methoxyethylidene)-b-L-rhamnopyranose**C<sub>23</sub>H<sub>28</sub>O<sub>6</sub> 400.48

MD07531

Price On Application

**3,4-Di-O-benzyl-L-rhamnal**

[117249-17-9]

MD03729

Price On Application

**(-)-1,4-Di-O-benzyl-L-threitol**

• (-)-(2S,3S)-1,4-Bis(benzyloxy)-2,3-butanediol

[17401-06-8]

C<sub>18</sub>H<sub>22</sub>O<sub>4</sub> 302.36

MD59967

250mg  
500mg  
1g\$59.00  
\$103.00  
\$179.00**(+)-1,4-Di-O-benzyl-D-threitol**

• (+)-(2R,3R)-1,4-Bis(benzyloxy)-2,3-butanediol

[91604-41-0]

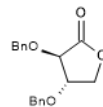
C<sub>18</sub>H<sub>22</sub>O<sub>4</sub> 302.36

MD59966

100mg  
250mg  
500mg\$65.00  
\$100.00  
\$160.00**2,3-Di-O-benzyl-L-threonic acid-1,4-lactone**C<sub>18</sub>H<sub>18</sub>O<sub>4</sub> 298.33

MD10082

Price On Application

**2,4-Di-O-benzyl-1,3,6-tri-O-acetyl-a-D-glucopyranose**

see 1,3,6-Tri-O-acetyl-2,4-di-O-benzyl-a-D-glucopyranose, MT06802 on page 569

**3,4-Di-O-benzyl-1,2,6-tri-O-acetyl-a-D-mannopyranose**

see 1,2,6-Tri-O-acetyl-3,4-di-O-benzyl-a-D-mannopyranose, MT04699 on page 569

**1,6-Dibromo-1,6-dideoxy-D-galactitol**

see Dibromodulcitol, MD37907 on page 203

**1,6-Dibromo-1,6-dideoxy-D-mannitol 2,3,4,5-tetraacetate**

see 2,3,4,5-Tetra-O-acetyl-1,6-dibromo-1,6-dideoxy-D-mannitol, MT16865 on page 522

**Dibromodulcitol**

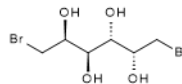
• 1,6-Dibromo-1,6-dideoxy-D-galactitol

[10318-26-0]

C<sub>6</sub>H<sub>12</sub>Br<sub>2</sub>O<sub>4</sub> 307.97

MD37907

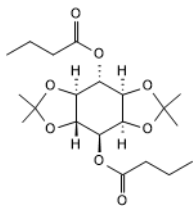
Price On Application



**Dibutanoyldi****1,4-Di-O-butanoyl-2,3:5,6-di-O-isopropylidene-D-myo-inositol**[1620222-02-7] C<sub>20</sub>H<sub>32</sub>O<sub>8</sub> 400.46

MD44564

50mg	\$150.00
100mg	\$250.00
250mg	\$475.00

**3,6-Di-O-tert-butylidimethylsilyl-D-glucal**

[111830-53-6]

MD04286

Price On Application

**6,6'-Di-O-tert-butylidimethylsilyl-lactal**

[142800-37-1]

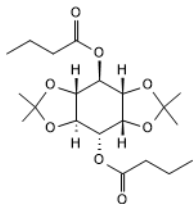
MD04324

Price On Application

**3,6-Di-O-butanoyl-1,2:4,5-di-O-isopropylidene-D-myo-inositol**[1307298-34-5] C<sub>20</sub>H<sub>32</sub>O<sub>8</sub> 400.46

MD44563

50mg	\$150.00
100mg	\$250.00
250mg	\$475.00

**3,6-Di-O-tert-butylidiphenylsilyl-D-galactal**

[344303-60-2]

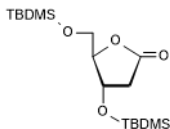
MD04220

Price On Application

**3,5-Di-O-(tert-butylidimethylsilyl)-2-deoxy-D-ribo-1,4-lactone**[83159-91-5] C<sub>17</sub>H<sub>36</sub>O<sub>4</sub>Si<sub>2</sub> 360.65

MD06410

500mg	\$80.00
1g	\$131.30
2g	\$189.00

**3,6-Di-O-tert-butylidiphenylsilyl-D-glucal**

[308103-43-7]

MD04280

Price On Application

**3,6-Di-O-tert-butylidimethylsilyl-D-galactal**

MD05337

Price On Application

**6,6'-Di-O-tert-butylidiphenylsilyl-lactal**

[187999-59-3]

MD04311

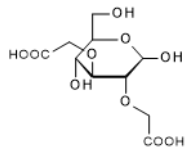
Price On Application



**2,3-Di-O-Carboxymethyl-D-glucose**[95350-41-7] C<sub>10</sub>H<sub>16</sub>O<sub>10</sub> 296.23

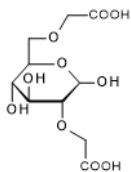
MC45052

10mg	\$1105.00
25mg	\$1950.00
50mg	\$3120.00

**2,6-Di-O-Carboxymethyl-D-glucose**[95350-37-1] C<sub>10</sub>H<sub>16</sub>O<sub>10</sub> 296.23

MC45053

10mg	\$1300.00
25mg	\$2600.00
50mg	\$3640.00

**3,6-Di-O-Carboxymethyl-D-glucose**[122569-71-5] C<sub>10</sub>H<sub>16</sub>O<sub>10</sub> 296.23

MC45067

10mg	\$1105.00
25mg	\$1950.00
50mg	\$3120.00

**3,5-Di-O-(4-chlorobenzoyl)-2-deoxy-D-erythro-pentofuranosyl chloride**

see 1-Chloro-3,5-di-O-(4-chlorobenzoyl)-2-deoxy-D-ribofuranose, MC03466 on page 145

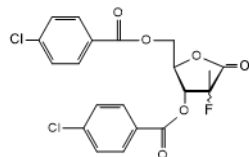
**3,5-Di-O-p-chlorobenzoyl-2-deoxy-2-fluoro-2-C-methyl-D-ribofuran-1,4-lactone**

• (2R)-2-Deoxy-2-fluoro-2-methyl-D-erythro-pentonic acid-g-lactone 3,5-bis(4-chlorobenzoate)

[1294481-79-0] C<sub>20</sub>H<sub>17</sub>Cl<sub>2</sub>FO<sub>6</sub> 443.25

MD32206

Price On Application

**(9Z)-2,7-Dichloro-9-[(4-chlorophenyl)methylene]-a-[(dibutylamino)methyl]-9H-fluorene-4-methanol b-D-Glucopyranosiduronic Acid;**

see Lumefantrine b-D-Glucuronide, ML46510 on page 350

**1,6-Dichloro-1,6-dideoxy-D-fructose**

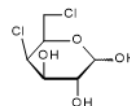
MD74929

1g \$1358.70

**4,6-Dichloro-4,6-dideoxy-D-galactose**C<sub>6</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>4</sub> 217.05

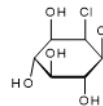
Price On Application

MD08931

**1,2-Dichloro-1,2-dideoxy-myo-inositol**

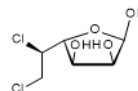
MD08932

2mg	\$260.00
5mg	\$475.00
10mg	\$850.00

**5,6-Dichloro-5,6-dideoxy-b-L-talofuranose**C<sub>6</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>4</sub> 217.05

Price On Application

MD09692



## Dichlorohydr

## 5,7-Dichloro-8-hydroxyquinoline b-D-glucuronide

[40951-47-1] C<sub>15</sub>H<sub>13</sub>Cl<sub>2</sub>NO<sub>7</sub> 390.17

MD44429

Price On Application



## 1-O-[2-[(2',6'-Dichlorophenyl)amino]phenylacetyl]-b-D-glucopyranuronic acid

see *Diclofenac acyl-D-glucuronide*, MD07328 on page 206

## (1S-cis)-1-[[4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-1-naphthalenyl]methycarbamate]-b-D-glucopyranuronic acid

see *Sertraline carbamoyl glucuronide*, MS16854 on page 503

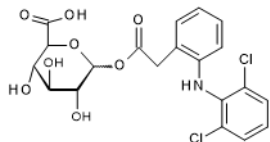
## Diclofenac acyl-D-glucuronide

• 1-O-[2-[(2',6'-Dichlorophenyl)amino]phenylacetyl]-b-D-glucopyranuronic acid

[64118-81-6] C<sub>20</sub>H<sub>19</sub>Cl<sub>2</sub>NO<sub>8</sub> 472.27

MD07328

1mg	\$220.50
2mg	\$409.50
5mg	\$892.50



Refs: jenn JR, et.al, J. Med. Chem, 2004, 47, p2816



## 1,2,4,5-Di-O-cyclohexylidene-b-D-fructofuranose

MD06919

10g \$1975.00



## 1,2:4,5-Di-O-cyclohexylidene-b-D-fructopyranose

[18608-92-9] C<sub>18</sub>H<sub>26</sub>O<sub>6</sub> 340.41

MD145962

Price On Application

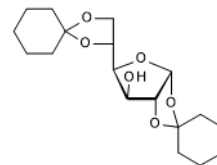


## 1,2:5,6-Di-O-cyclohexylidene-a-D-glucofuranose

[23397-76-4] C<sub>18</sub>H<sub>26</sub>O<sub>6</sub> 340.41

MD02781

500mg	\$45.00
1g	\$60.00
2g	\$80.00



## 1,2:4,5-Di-O-cyclohexylidene-D-myo-inositol

see *1,2:4,5-Biscyclohexylidene D-myo-inositol*, MB16637 on page 122

## 1,2:4,5-Di-O-cyclohexylidene-myo-inositol

see *1,2:4,5-Biscyclohexylidene-DL-myo-inositol*, MB07415 on page 122

## 1,2:5,6-Di-O-cyclohexylidene-myo-inositol

[34711-26-7][33021-17-9]

MD158160

500mg	\$110.00
1g	\$185.00
2g	\$300.00



## 1,2:5,6-Di-O-cyclohexylidene-D-mannitol

[76779-67-4] C<sub>18</sub>H<sub>30</sub>O<sub>6</sub> 342.43

MD03954

5g \$150.00

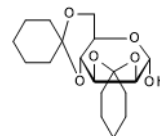


## 2,3:4,6-Di-O-cyclohexylidene-a-D-mannopyranose

[70835-78-8] C<sub>18</sub>H<sub>26</sub>O<sub>6</sub> 340.41

MD04496

250mg	\$60.00
500mg	\$95.00
1g	\$165.00



Refs: Acta Chemica Scand 1980, B34, p505



**Dicyclohexylidene pinitol**C<sub>19</sub>H<sub>30</sub>O<sub>6</sub> 354.44

MD58658

1mg	\$151.05
2mg	\$241.68
5mg	\$438.20

**1,2:5,6-Di-O-cyclohexylidene-α-D-ribo-hexofuranos-3-ulose hydrate**[22595-92-2] C<sub>18</sub>H<sub>26</sub>O<sub>7</sub> 356.41

MD145141

Price On Application

**2,6-Dideoxy-D-arabino-hexose**

[34026-41-0]

MD63583

Price On Application

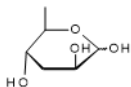
**3,6-Dideoxy-D-arabino-hexose**

• Tyvelose

[5658-12-8] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MD05755

5mg	\$120.80
10mg	\$210.00
25mg	\$472.50

**3,6-Dideoxy-L-arabino-hexose**

[32142-24-8][496-80-0]

MD46349

500mg	\$2500.00
1g	\$3500.00

**2,4-Dideoxy-2,4-difluoro-D-galactose**

MD15281

100mg	\$3500.00
250mg	\$6250.00
500mg	\$7500.00

**2,4-Dideoxy-2,4-difluoro-D-glucose**[38711-44-3] C<sub>6</sub>H<sub>10</sub>F<sub>2</sub>O<sub>4</sub> 184.14

MD15282

1mg	\$65.00
2mg	\$110.00
5mg	\$225.00

**1,2-Dideoxy-1,2-difluoro-3,4,6-tri-O-acetyl-D-glucopyranose**

see 3,4,6-Tri-O-acetyl-2-deoxy-2-fluoro-D-glucopyranosyl fluoride, MT04731 on page 566

**1,2-Dideoxy-1,2-difluoro-3,4,6-tri-O-acetyl-D-mannopyranoside**

see 3,4,6-Tri-O-acetyl-2-deoxy-2-fluoro-D-mannopyranosyl fluoride, MT01945 on page 566

**8,9-Dideoxy-28,29-dihydro-7,10-dihydroxy-35-O-(2,6-dideoxy-L-ribo-hexopyranosyl)amphotericin B**

• Nystatin A3

[62997-67-5] C<sub>53</sub>H<sub>85</sub>NO<sub>20</sub> 1056.24

MD146814

Price On Application

**1,4-Dideoxy-1,4-[(S)-[(2S,3S)-2,4-dihydroxy-3-(sulfoxy)butyl]episulfoniumylidene]-D-arabinitol inner salt**

see Salacinol, MS27780 on page 499

**Dideoxydimet****1,2-Dideoxy-2'-dimethylamino-a-D-glucopyranoso-[2,1-d]-2'-thiazoline**C<sub>9</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>S 248.3

MD15731

10mg	\$85.00
25mg	\$150.00
50mg	\$250.00

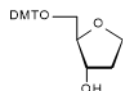


D

**1,2-Dideoxy-5-O-DMT-D-ribose**[95049-01-7] C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 420.5

MD06419

10mg	\$50.00
25mg	\$82.50
50mg	\$140.00

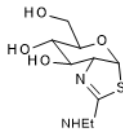
**1,5-Dideoxy-N-dodecyl-1,5-imino-D-glucitol**see *N-Dodecyldeoxyjirimycin*, MD05329 on page 232**1,2-Dideoxy-2'-ethylamino-a-D-glucopyranoso-[2,1-d]-2'-thiazoline**

• Thiamet-G

[1009816-48-1] C<sub>9</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>S 248.3

MD08856

25mg	\$65.00
50mg	\$110.00
100mg	\$195.00

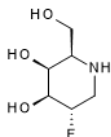
**1,5-Dideoxy-N-ethyl-1,5-imino-D-glucitol HCl**see *N-Ethyldeoxyjirimycin HCl*, ME05155 on page 246**1,2-Dideoxy-2-fluoro-galactonojirimycin**

• 2-F-DGJ

C<sub>8</sub>H<sub>12</sub>NO<sub>3</sub>F 165.16

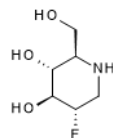
MD34341

Price On Application

**1,2-Dideoxy-2-fluoronojirimycin**[134336-23-5] C<sub>8</sub>H<sub>12</sub>NO<sub>3</sub>F 165.16

MD34340

Price On Application

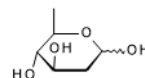
**2,6-Dideoxy-D-glucose**

- 2,6-Dideoxy-D-mannose
- D-Olivose

[6988-55-2] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MD08080

100mg	\$1680.00
250mg	\$2125.00
500mg	\$2860.00

**3,4-Dideoxyglucosone-3-ene**

• 3,4-DGE

[252006-38-5] C<sub>6</sub>H<sub>8</sub>O<sub>4</sub> 144.13

MD44643

1mg	\$150.00
2mg	\$280.00
5mg	\$520.00

**3,4-Dideoxy-[2-hydroxy-1-(hydroxyethyl)ethyl] amino-1-C-(hydroxymethyl)-1,2,3,4-cyclohexaneterol**see *Voglibose*, MV06910 on page 602**3,4-Dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)-D-epiinositol**see *Voglibose*, MV06910 on page 602**4,6-Dideoxy-4-(3-hydroxy-3-methylbutanamido)-2-O-methyl-D-glucopyranose**see *Anthrose*, MA05165 on page 79



**1,4-Dideoxy-1,4-imino-D-arabinitol**

[100937-52-8]

MD31527

Price On Application

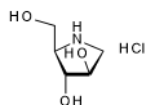
**1,4-Dideoxy-1,4-imino-D-arabinitol hydrochloride**

• 2-Hydroxymethyl-3,4-pyrrolidinediol HCl

[100991-92-2] C<sub>6</sub>H<sub>11</sub>NO<sub>3</sub>·HCl 169.61

MD14763

5mg	\$78.80
10mg	\$131.30
25mg	\$236.50

**1,5-Dideoxy-1,5-imino-D-galactitol**

see 1-Deoxygalactonojirimycin, MD32148 on page 173

**1,5-Dideoxy-1,5-imino-D-galactitol HCl**

see 1-Deoxygalactonojirimycin HCl, MD06196 on page 173

**1,5-Dideoxy-1,5-imino-D-glucitol**

see 1-Deoxynojirimycin, MD05255 on page 182

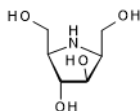
**2,5-Dideoxy-2,5-imino-D-glucitol**

• 2,5-Anhydro-2,5-imino-D-glucitol

[132295-44-4] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MD04565

5mg	\$99.80
10mg	\$189.00
25mg	\$357.00



Refs: Fellows LE, et al, J. Chem. Brit. 1987, p287; Elbein AD, Annu. Rev. Biochem. 1987, 56, p497; Fleet GW, et al, J. Chem. Brit. 1989, p287; Horii S, et al, J. Med. Chem. 1986, 29, p1038; Spearman MA, et al, Exp. Cell Res. 1987, 168, p116

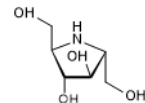
**2,5-Dideoxy-2,5-imino-D-mannitol**

- 2R,5R-Bis(hydroxymethyl)-3R,4R-dihydroxypyrrolidine
- DMDP
- 2,5-Anhydro-2,5-imino-D-mannitol

[59920-31-9] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MD04702

1mg	\$57.80
2mg	\$94.50
5mg	\$157.50



Refs: Fellows LE, Pestic. Sci. 1986, 17, p602; Wrodnigg TM, Gaderbauer W, Greimel P, Hauster H, Sprenger FK (Fitz), Stuetz AE, Virgona C, Withers SG, J. of Carbohydr. Chem. 2000, 19(8), p975-990; Stutz AE, Iminosugars as Glycosidase Inhibitors 1999 Wiley-VCH Verlag GmbH p173

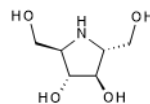
**2,5-Dideoxy-2,5-imino-L-mannitol**

• L-DMDP

[59920-31-9] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MD34342

Price On Application

**1,4-Dideoxy-1,4-imino-D-mannitol HCl**

MD58377

Price On Application

**1,5-Dideoxy-1,5-imino-D-mannitol HCl**

see 1-Deoxymannojirimycin HCl, MD05149 on page 179

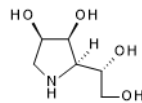
**1,4-Dideoxy-1,4-imino-D-mannitol HCl**

• (2R,3S,4R)-2-[(1S)-1,2-Dihydroxyethyl]-3,4-pyrrolidinediol hydrochloride

[114976-76-0] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>·HCl 199.63

MD05193

1mg	\$84.00
2mg	\$157.50
5mg	\$262.50



HCl

Refs: Bashaly BP, et al, Tetrahedron 1987, 43, p3083-3093; Fleet GWJ, Winchester B, Carpenter NM, Patent 1991, No5, 041, 555



## Dideoxyimino

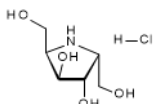
## 2,5-Dideoxy-2,5-imino-D-mannitol HCl

• 2,5-Anhydro-2,5-imino-D-mannitol HCl

[210115-92-7] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>·HCl 199.63

MD04566

1mg	\$189.00
5mg	\$787.50
10mg	\$1365.00



Refs: Fellows LE, et al, J. Chem. Brit. 1987, 287; Elbein AD, Annu. Rev. Biochem. 1987, 56, 497; Fleet GW, et al, J. Chem. Brit. 1989, 287; Baxter EW, et al, J. Org. Chem. 1994, 59, 3175; Tyms AS, et al, Lancet 1987, 1025

## 1,5-Dideoxy-1,5-imino-1-methyl-D-sorbitol

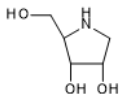
see *N-Methyldeoxynojirimycin*, MM04904 on page 387

## 1,4-Dideoxy-1,4-imino-D-ribitol

[105990-41-8] C<sub>5</sub>H<sub>11</sub>NO<sub>3</sub> 133.15

MD16163

1g	\$5000.00
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## 1,5-Dideoxy-1,5-imino-D-sorbitol hydrochloride

see *1-Deoxynojirimycin HCl*, MD04655 on page 182

## 1,5-Dideoxy-1,5-imino-D-xylitol

C<sub>5</sub>H<sub>11</sub>NO<sub>3</sub> 133.15

MD10115

1mg	\$94.50
2mg	\$157.50
5mg	\$262.50

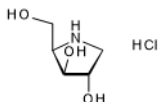


## 1,4-Dideoxy-1,4-imino-D-xylitol HCl

[52019-89-3] C<sub>5</sub>H<sub>11</sub>NO<sub>3</sub>·HCl 169.61

MD10116

1mg	\$68.30
2mg	\$105.00
5mg	\$183.80



## 1,2-Dideoxy-D-lyxo-hex-1-enopyranuronic acid diacetate methyl ester

see *3,4-Di-O-acetyl-D-glucuronal methyl ester*, MG16739 on page 194

## 2,6-Dideoxy-D-mannose

see *2,6-Dideoxy-D-glucose*, MD08080 on page 208

## 2,3-Dideoxy-2-methylene-D-glycero-D-galacto-nononic acid γ-lactone

[289697-66-1] C<sub>10</sub>H<sub>16</sub>O<sub>7</sub> 248.23

MD11719

25mg	\$95.00
50mg	\$180.00
100mg	\$340.00



## 2,6-Dideoxy-3-C-methyl-3-O-methyl-ribo-hexose

see *Cladinose*, MC16656 on page 148

## 1,6-Dideoxynojirimycin

• 1,5,6-Trideoxy-1,5-imino-D-glucitol

[73861-92-4]

MD44485

1mg	\$950.00
2mg	\$1400.00
5mg	\$2625.00



## 1,2-Dideoxy-2'-piperidin-1-yl-a-D-glucopyranoso-[2,1-d]-2'-thiazoline

MD15732

Price On Application



## 1,2-Dideoxy-2'-pyrrolidin-1-yl-a-D-glucopyranoso-[2,1-d]-2'-thiazoline

MD15733

Price On Application



**1,2-Dideoxy-D-ribofuranose**

• 1,4-Anhydro-D-erythro-pentitol

[91547-59-0] C<sub>5</sub>H<sub>10</sub>O<sub>3</sub> 118.13

MD06425

50mg	\$150.00
100mg	\$250.00
250mg	\$500.00

**2,6-Dideoxy-D-ribohexose**see *Digitoxose*, MD00961 on page 213**2,5-Dideoxystreptamine dihydrochloride**

MD145911

250mg	\$50.00
500mg	\$90.00
1 g	\$80.00

**1,2-Dideoxy-3,4,6-tri-O-acetyl-D-lyxo-1-hexenopyranose**see *3,4,6-Tri-O-acetyl-D-galactal*, MT05853 on page 570**3,6-Dideoxy-L-xylo-hexose**see *Colitose*, MC71709 on page 150**4,6-Dideoxy-L-xylo-hexose**see *4-Deoxy-L-fucose*, MD03942 on page 173**Didesmethylsibutamine D-glucuronide**

MD11763

Price On Application

**N,O-Didesmethyl venlafaxine D-glucuronide**

MD11764

Price On Application

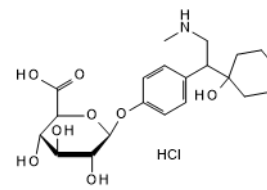
**rac N,O-didesmethyl venlafaxine b-D-glucuronide hydrochloride**

• 4-[1-(1-Hydroxycyclohexyl)-2-(methylamino)ethyl]phenyl b-D-glucopyranosiduronic acid hydrochloride

[1021933-99-2] C<sub>21</sub>H<sub>32</sub>CINO<sub>8</sub> 461.93

MR16845

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10



Refs: Kelsey, J, et al, J. Clin. Psychopharmacol, 16, 21 (1996); Long, C, et al, J. Anal. Toxicol, 21, 166

**1,5-Diepi-adenophorine**

MD44498

Price On Application

**3,7a-Diepialexine**

• (+)-3-Epiaustraline

[119065-82-6] C<sub>8</sub>H<sub>15</sub>NO<sub>4</sub> 189.21

MD44489

Price On Application



**Diepialexine****7,7a-Diepialexine**

[126655-21-8]

MD44495

10mg

\$2150.00

**(4S)-4,11-Diethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl b-D-glucopyranosiduronic acid**see *SN-38 glucuronide*, *MS16856* on page 505**(S)-4,11-Diethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl b-D-glucopyranosiduronic acid methyl ester 2,3,4-triacetate**see *SN-38 tri-O-acetyl-b-D-glucuronic acid methyl ester*, *MS16857* on page 505**Diethoxy phosphonyl 4,7,8,9-tetra-O-acetyl-N-acetyl-D-neuraminic acid methyl ester**

MD12486

1mg

\$42.00

2mg

\$52.50

5mg

\$105.00

**1-(1,8-Diethyl-1,3,4,9-tetrahydropyrano[3,4-b]indole-1-acetate) b-D-glucopyranuronic acid**see *rac etodolac acyl-b-D-glucuronide*, *MR16844* on page 256**a-D-1,5-Difluoroglucose**

• 5-C-Fluoro-a-D-glucopyranosyl fluoride

[173349-22-9]

C<sub>6</sub>H<sub>10</sub>F<sub>2</sub>O<sub>5</sub>

200.14

MD146496

Price On Application

**Diethylgalactarate**• Galactaric acid,1,6-diethyl ester  
• Mucic acid diethyl ester

[15909-67-8]

C<sub>10</sub>H<sub>18</sub>O<sub>8</sub>

266.25

MD61724

Price On Application

**5-(Difluoromethoxy)-2-(3,4-dimethoxy-2-pyridinylmethylthio)-1-b-D-glucopyranosyl-1H-benzimidazole**see *Pantoprazole sulfide-b-D-glucuronide*, *MP07288* on page 449**Diethyl stilbestrol b-D-glucuronide**

[2408-40-4]

C<sub>24</sub>H<sub>28</sub>O<sub>8</sub>

444.47

MD10197

1mg

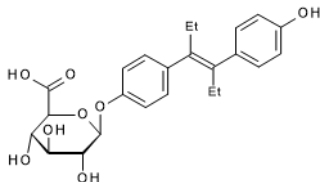
\$183.80

2mg

\$336.00

5mg

\$735.00

**Digalactosyl diglyceride**

[92457-02-8]

C<sub>18</sub>H<sub>34</sub>O<sub>13</sub>

458.45

MD45728

5mg

\$240.00

10mg

\$370.00

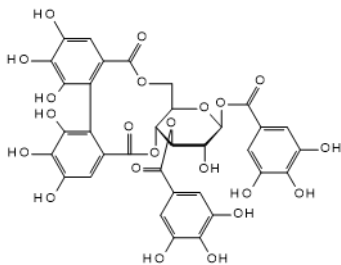
25mg

\$725.00

**1,1-Diethylsulfonyl-L-rhamnose**see *L-Rhamnose bis(ethylsulfone)*, *MR07276* on page 493

**1,3-Di-O-galloyl-4,6-O-hexahydroxydiphenyl-b-D-glucopyranoside**

[1630724-71-8] C<sub>34</sub>H<sub>26</sub>O<sub>22</sub> 786.56  
 MD11600 1mg \$525.00

**D-Digitalose**

• 6-Deoxy-3-O-methyl-D-galactose

[4481-08-7] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18  
 MD16178 1g \$4500.00

**Digitoxigenin 3-rhamnoside**

see *Evomonoside, ME16724 on page 257*

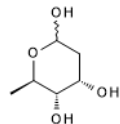
**Digitoxigenin rhamnoside**

see *Evomonoside, ME16724 on page 257*

**Digitoxose**

• 2,6-Dideoxy-D-ribohexose

[527-52-6] C<sub>6</sub>H<sub>10</sub>O<sub>4</sub> 146.14  
 MD00961 1 mg \$125.00  
 5 mg \$300.00  
 10 mg \$450.00

**3',4'-Di-O-(b-D-glucopyranosyl)-L-dihydroxyphenylalanine**

see *3',4'-Di-O-(b-D-glucopyranosyl)-L-DOPA, MD11581 on page 213*

**3',4'-Di-O-(b-D-glucopyranosyl)-L-DOPA**

• 3',4'-Di-O-(b-D-glucopyranosyl)-L-dihydroxyphenylalanine  
 MD11581 5mg \$630.00

**Dihydroartemisinin glucuronide**

[198976-06-6] C<sub>21</sub>H<sub>32</sub>O<sub>11</sub> 460.47  
 MD11746 500ug \$175.00  
 1mg \$325.00  
 2mg \$595.00

**1-(9,10-Dihydro-4,5-dihydroxy-9,10-dioxo-2-anthracenecarboxylate) b-D-glucopyranuronic acid**

see *Rhein acyl-b-D-glucuronide, MR16849 on page 494*

**5-(3,4-Dihydro-5,7-dihydroxy-4-oxo-2H-1-benzopyran-2-yl)-2-methoxyphenyl b-D-glucopyranosiduronic acid**

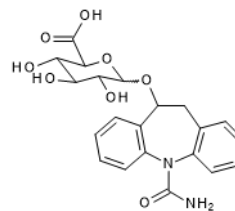
see *Hesperetin 3'-O-b-D-glucuronide, MH44424 on page 308*

**5-(Dihydrogen phosphate)-D-threo-2-pentulose sodium salt**

see *D-Xylulose 5-phosphate sodium salt, MX29090 on page 605*

**10,11-Dihydro-10-hydroxycarbamazepine O-b-D-glucuronide**

[144407-84-1] C<sub>21</sub>H<sub>22</sub>N<sub>2</sub>O<sub>8</sub> 430.41  
 MD11454 1mg \$300.00  
 2mg \$540.00  
 5mg \$1060.00

**3,4-Dihydro-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-4-oxo-2H-1-benzopyran-7-yl b-D-glucopyranosiduronic acid**

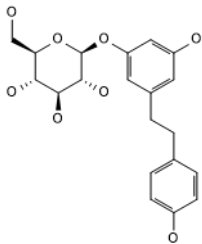
see *Hesperetin 7-O-b-D-glucuronide, MH44426 on page 308*

**Dihydrohydro****(2S)-3,4-Dihydro-5-hydroxy-2-(4-hydroxyphenyl)-4-oxo-2H-1-benzopyran-7-yl-D-glucopyranosiduronic acid**see *Naringenin-7-O-b-D-glucuronide*, MN16170 on page 437**1-[(4E)-6-(1,3-Dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-4-hexenoate] b-D-glucopyranose**see *Mycophenolic acid acyl-b-D-glucoside*, MM16810 on page 434**1-[(4E)-6-(1,3-Dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-4-hexenoate] b-D-glucopyranuronic acid 2-propen-1-yl ester**see *Mycophenolic acid acyl-b-D-glucuronide allyl ester*, MM16811 on page 434**3,4-Dihydro-3-(4-hydroxyphenyl)-2H-1-benzopyran-7-yl-b-D-glucuronide**see *R,S-Equol 7-b-D-glucuronide sodium salt*, ME07209 on page 236**Dihydrokaempferol 3-O-a-L-rhamnopyranoside**see *Engeletin*, ME33650 on page 234**2,3-Dihydro-6-methoxy-3-oxo-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-1H-inden-5-yl b-D-glucopyranosiduronic acid**see *6-O-Desmethyl donepezil b-D-glucuronide*, MD16688 on page 189**Dihydroresveratrol 3-O-glucoside**

[100432-87-9]

MD44379

1mg	\$275.00
2mg	\$450.00
5mg	\$650.00

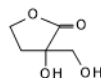
**1-N-[(1R)-3-[5,6-Dihydro-3-(trifluoromethyl)-1,2,4-triazolo[4,3-a]pyrazin-7(8H)-yl]-3-oxo-1-[(2,4,5-trifluorophenyl)methyl]propyl]carbamate**see *Sitagliptin carbamoyl b-D-glucuronide*, MS16855 on page 504**Dihydroxyacetone phosphate dilithium salt**see *Glycerone phosphate dilithium salt*, MG46659 on page 304**Dihydroxyacetone phosphate lithium salt**see *Glycerone phosphate lithium salt*, MG46660 on page 304**1-[(3a,5b,7a)-3,7-Dihydroxycholan-24-oate] b-D-glucopyranuronic acid**see *Chenodeoxycholic acid 24-acyl-b-D-glucuronide*, MC16651 on page 140**6,7-Dihydroxycoumarin-6-glucopyranoside**see *Esculin sesquihydrate*, ME10539 on page 238**(3b,12b,20E)-12,25-Dihydroxydammar-20(22)-en-3-yl b-D-glucopyranoside**see *Pseudoginsenoside Rh2*, OP63248 on page 483**5,4'-Dihydroxy-6,7-dimethoxyflavone 4'-O-b-D-glucoside**see *Cirsimarín*, MC13481 on page 148**3,17b-Dihydroxy-1,3,5(10)-estratriene 17-glucuronide**see *b-Estradiol 17-(b-D-glucuronide) sodium salt*, ME71652 on page 239**3,17b-Dihydroxy-1,3,5(10)-estratriene 3-glucuronide**see *b-Estradiol 3-(b-D-glucuronide) sodium salt*, ME71653 on page 239**(2R,3S,4R)-2-[(1S)-1,2-Dihydroxyethyl]-3,4-pyrrolidinediol hydrochloride**see *1,4-Dideoxy-1,4-imino-D-mannitol HCl*, MD05193 on page 209**4',7-Dihydroxyflavanone-4'-(b-D-glucopyranoside)**see *Liquiritin*, ML08128 on page 348**1,8-Dihydroxy-10-(b-D-glucopyranosyl)-3-(hydroxymethyl)-9(10H)-anthracenone**see *Aloin - Mixture of Aloin A and Aloin B*, MA05054 on page 53**2,4-Dihydroxy-2-hydromethylbutanoic acid-1,4-lactone**

• D,L-Xylo-isosaccharinic acid-1,4-lactone

[19444-86-1] C<sub>8</sub>H<sub>8</sub>O<sub>4</sub> 132.11

MD15847

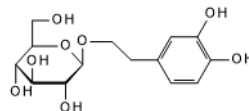
50mg	\$80.00
100mg	\$125.00
250mg	\$250.00



**N-[(3S,4R,5R,6R)-4,5-Dihydroxy-6-(hydroxymethyl)-3-piperidyl]acetamide**see *2-Acetamido-1,2-dideoxynojirimycin*, MA00005 on page 18**(10S)-1,8-Dihydroxy-3-(hydroxymethyl)-10-[(2S,3R,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]-10H-anthracen-9-one**see *Aloin A*, MA76226 on page 53**5,6-Dihydroxy-2-(4-hydroxyphenyl)-4-oxo-4H-1-benzopyran-4-one-7-b-D-glucuronide**see *Scutellarin*, MS08111 on page 500**5,7-Dihydroxy-2-(4-hydroxyphenyl)-4-oxo-4H-1-benzopyran-3-yl-beta-D-glucopyranosiduronic acid**see *Kaempferol 3-O-b-D-glucuronide*, MK08974 on page 344**3,17-b-Dihydroxy-17-a-methyl-5-a-androstano-[3, 2-c] pyrazole 3'-b-glucuronide dihydrate**see *3-Hydroxystanozolol glucuronide*, MH11459 on page 321**1a,25-Dihydroxy-19-nor-vitamin D2 25-b-D-glucuronide**see *Paricalcitol 25-b-D-glucuronide*, MP16829 on page 449**5,6-Dihydroxy-4-oxygen-2-phenyl-4H-1-benzopyran-7-beta-D-glucuronide**see *Baicalin 7-b-D-glucuronide*, MB08110 on page 96**2-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-3-[(2-O-(3,4,5-trihydroxybenzoyl)-b-D-galactopyranosyl)oxy]-4H-1-benzopyran-4-one**see *Quercetin 3-b-galactoside-2'-O-gallate*, MQ08115 on page 486**2-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-3-(D-xylopyranosyloxy)-1-benzopyrylium chloride**see *Cyanidin 3-xyloside*, MC16665 on page 154**4-[(1Z)-2-(3,5-Dihydroxyphenyl)ethenyl]phenyl**see *cis-Resveratrol 4'-O-b-D-glucuronide*, MR16848 on page 491**4-[(1E)-2-(3,5-Dihydroxyphenyl)ethenyl]phenyl b-D-glucopyranoside**see *trans-Resveratrol 4'-O-b-D-glucopyranoside*, MR10469 on page 491**4-[(1E)-2-(3,5-Dihydroxyphenyl)ethenyl]phenyl-β-D-glucopyranoside 6-(3,4,5-Trihydroxybenzoate)**see *Resveratrol-4'-O-(6"-galloyl)glucoside*, MR106407 on page 491**(E)-4-[2-(3,5-dihydroxyphenyl)ethenyl]phenyl-β-D-Glucopyranoside, 6-(3,4,5-trihydroxybenzoate)**see *Resveratrol-4'-O-(6"-galloyl)glucoside*, MR106407 on page 491**4-[(1E)-2-(3,5-Dihydroxyphenyl)ethenyl]phenyl b-D-glucopyranosiduronic acid**see *trans-Resveratrol 4'-O-b-D-glucuronide*, MR59488 on page 491**2-(3,4-Dihydroxyphenyl)ethyl b-D-glucopyranoside**[76873-99-9] C<sub>14</sub>H<sub>20</sub>O<sub>8</sub> 316.3

MD57785

Price On Application

**2-(3,4-Dihydroxyphenyl)-3-(b-D-galactopyranosyloxy)-5,7-dihydroxy-4H-1-benzopyran-4-one**see *Quercetin 3-b-D-galactoside*, MQ08114 on page 486**2-(3,4-Dihydroxyphenyl)-3-[(2-O-b-D-glucopyranosyl-a-D-glucopyranosyl)oxy]-5,7-dihydroxy-1-benzopyrylium chloride**see *Cyanidin-3-O-sophoroside chloride*, MC31214 on page 154**2-(3,4-Dihydroxyphenyl)-5-hydroxy-4-oxo-4H-chromen-7-yl-D-glucopyranoside**see *Luteolin-7-O-D-glucopyranoside*, ML08112 on page 350**[2-(3,4-Dihydroxyphenyl)-3,5,7-trihydroxy-4-oxo-4H-1-benzopyran-8-yl]b-D-glucopyranosiduronic acid**see *Hibifolin*, MH61600 on page 310**17,20a-Dihydroxy-5b-pregnan-3a-yl, b-D-glucopyranosiduronic acid**see *Pregnanetriol 3a-O-b-D-glucuronide*, MP16837 on page 479**(3a,5b,20S)-17,20-Dihydroxypregnan-3-yl b-D-glucopyranosiduronic acid**see *Pregnanetriol 3a-O-b-D-glucuronide*, MP16837 on page 479**1,3-Dihydroxy-2-propanone 1-phosphate hemimagnesium salt hydrate**see *Glycerone phosphate hemimagnesium salt hydrate*, MG46661 on page 304**(2R)-2,3-Dihydroxypropyl b-D-galactopyranoside**see *1-O-(2R)-Glycerol-b-D-galactopyranoside*, MG07432 on page 303

**Dihydroxsul****(1S,2R,3S,4S)-1-[(2S,3S)-2,4-Dihydroxy-3-(sulfooxy)butyl]tetrahydro-3,4-dihydroxy-2-(hydroxymethyl)thiophenium inner salt**see *Salacinal*, MS27780 on page 499**1-[2,6-Dihydroxy-4-[(2,3,4,6-tetra-O-acetyl-b-D-glucopyranosyl)oxy]phenyl]-3-(4-nitrophenyl)-1-propanone**see *4'-O-(b-D-2",3",4",6"-Tetra-O-acetyl-glucopyranosyl)-4-nitrophloretin*, MT16861 on page 530**3b,19a-dihydroxyurs-12-en-28-oic acid 28-b-D-glucopyranosyl ester**

MD74560

Price On Application

**Dihydrozeatin-9-glucoside**

• 6-(4-hydroxy-3-methylbutylamino)-9-b-Dglucopyranosylpurine

[73263-99-7] C<sub>16</sub>H<sub>25</sub>N<sub>5</sub>O<sub>6</sub> 383.4

MD30222

1mg	\$300.00
2mg	\$440.00
5mg	\$875.00

**Dihydrozeatin-O-glucoside riboside**

• 6-(4-b-D-glucopyranosyloxy-3-methylbutyl)amino-9-b-D-ribofuranosyl purine

[62512-95-2] C<sub>21</sub>H<sub>33</sub>N<sub>5</sub>O<sub>10</sub> 515.51

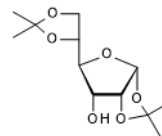
MD63361

1mg	\$450.00
2mg	\$800.00
5mg	\$1750.00

**1,2:5,6-Di-O-isopropylidene-a-D-allofuranose**[2595-05-3] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD05002

10g	\$50.00
25g	\$75.00
50g	\$100.00



Refs: David S, De Sennyey G, Carbohydr. Res. 1979, 77, p79

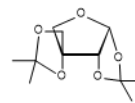
**1,2:3,5-Di-O-isopropylidene-D-apio-b-L-furanose**see *1,2:3,5-Di-O-isopropylidene-b-L-apiose*, MD145916 on page 216**1,2:3,5-Di-O-isopropylidene-a-D-apiose**

• a-D-Apiose diacetone

[25904-06-7] C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

MD06859

25mg	\$55.00
50mg	\$90.00
100mg	\$170.00

**1,2:3,5-Di-O-isopropylidene-b-L-apiose**

• 1,2:3,5-Di-O-isopropylidene-D-apio-b-L-furanose

[34724-16-8] C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

MD145916

Price On Application

**1,2:3,4-Di-O-isopropylidene-b-D-arabinopyranose**[20881-03-2] C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

MD58358

100mg	\$87.00
250mg	\$202.50
500mg	\$325.00

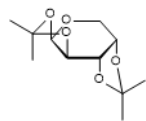




**1,2:3,4-Di-O-isopropylidene-b-L-arabinopyranose**[27820-98-0] C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

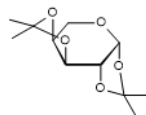
MD57326

Price On Application

**1,2:3,4-Di-O-isopropylidene-L-arabinopyranose**C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

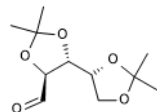
MD06860

10g	\$52.50
25g	\$89.50
50g	\$157.50

**2,3:4,5-Di-O-isopropylidene-D-arabinose**[13039-93-5] C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

MD10310

500mg	\$210.00
1g	\$367.50
2g	\$630.00

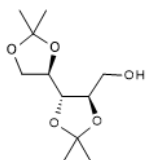
**2,3:4,5-Di-O-isopropylidene-D-arabitol**

• D-Arabinitol diacetone

[19139-74-3] C<sub>11</sub>H<sub>20</sub>O<sub>5</sub> 232.27

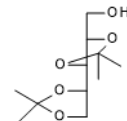
MD10308

500mg	\$70.00
1g	\$115.50
2g	\$199.50

**2,3:4,5-Di-O-isopropylidene-L-arabitol**[84709-35-3] C<sub>11</sub>H<sub>20</sub>O<sub>5</sub> 232.27

MD05294

2g	\$57.80
5g	\$99.80
10g	\$157.50

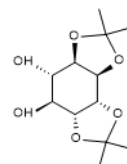
**1,2:5,6-Di-O-isopropylidene-D-chiro-inositol**

• D-Chiro-inositol diacetone

[40617-60-5] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

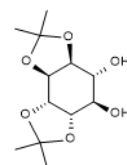
MD10119

250mg	\$80.00
500mg	\$105.00
1g	\$157.50

**1,2:5,6-Di-O-isopropylidene-L-chiro-inositol**[65556-81-2] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD10120

250mg	\$80.00
500mg	\$105.00
1g	\$183.80

**1,2:3,4-Di-O-isopropylidene-6-deoxy-a-D-fucose**

see 6-Deoxy-1,2:3,4-di-O-isopropylidene-a-D-galactopyranose, MD06517 on page 165

**1,2:3,4-Di-O-isopropylidene-6-deoxy-6-nitro-a-D-galactopyranose**

see 6-Deoxy-1,2:3,4-di-O-isopropylidene-6-nitro-a-D-galactopyranose, MD04710 on page 166

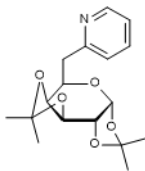
## Diisopropylidene

## 1,2:3,4-Di-O-isopropylidene-6-deoxy-6-C-(2-pyridyl)-D-galactopyranose

C<sub>17</sub>H<sub>23</sub>NO<sub>5</sub> 321.34

MD05168

Price On Application



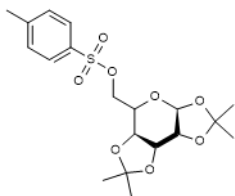
## 1,2:3,4-Di-O-isopropylidene-6-deoxy-6-tosyl-a-D-galactopyranose

• 1,2:3,4-Bis-O-(1-methylethylidene)-a-L-galactopyranose benzenesulfonate

[70932-39-7] C<sub>19</sub>H<sub>28</sub>O<sub>8</sub>S 414.47

MD16697

250mg	\$122.50
500mg	\$225.00
1g	\$396.40

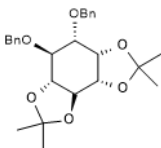


## 1,2:5,6-Di-O-isopropylidene-3,4-di-O-benzyl-D-myo-inositol

C<sub>28</sub>H<sub>32</sub>O<sub>6</sub> 440.53

MD11452

250mg	\$1575.00
500mg	\$2625.00
1g	\$4200.00

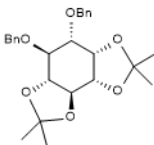


## 2,3:4,5-Di-O-isopropylidene-1,6-di-O-benzyl-D-myo-inositol

C<sub>28</sub>H<sub>32</sub>O<sub>6</sub> 440.53

MD10522

250mg	\$1312.50
500mg	\$2100.00
1g	\$3150.00



## 1,2:4,5-Di-O-isopropylidene-b-D-erythro-2,3-hexodiulo-2,6-pyranose

• Shi epoxidation diketal catalyst

[18422-53-2] C<sub>12</sub>H<sub>18</sub>O<sub>6</sub> 258.27

MD30195

1g	\$95.00
2g	\$150.00
5g	\$275.00

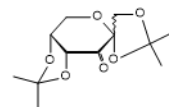


## 1,2:4,5-Di-O-isopropylidene-b-L-erythro-2,3-hexodiulo-2,6-pyranose

[198965-05-8] C<sub>12</sub>H<sub>18</sub>O<sub>6</sub> 258.27

MD58354

1g	\$1560.00
2g	\$2340.00
5g	\$4160.00



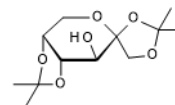
## 1,2,4,5-Di-O-isopropylidene-b-D-fructopyranose

• Diacetone fructose

[25018-67-1] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD03527

1g	\$50.00
2g	\$80.00
5g	\$150.00



Refs: Lis T, Weichsel A, Cryst. Struct. Commun. 1987, C43, p1954-1956

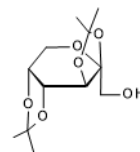
## 2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose

- Diacetone-D-fructose
- 2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose
- Diacetonefructose

[20880-92-6] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD06165

100g	\$65.00
250g	\$112.50
500g	\$180.00

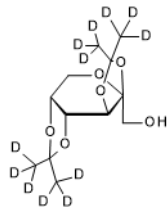


Refs: Popek T, Lis T, Carbohydr. Res. 2002, 30, p787; Maryanoff BE, Northey SO, Gardocki JF, Shank RP, et al, J. Med. Chem. 1987, 30, p880

**2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose-D12**C<sub>12</sub>H<sub>8</sub>D<sub>12</sub>O<sub>6</sub> 272.35

MD07211

1mg	\$89.30
2mg	\$168.00
5mg	\$336.00



Refs: Brady FR, et.al, Carbohydr. Res, 1970, 15, p35

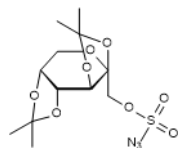
**2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose azide sulphate**

• 2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose azide sulphate

[106881-35-0] C<sub>12</sub>H<sub>19</sub>N<sub>3</sub>O<sub>8</sub>S 365.36

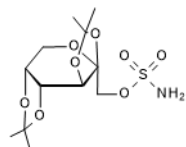
MD09996

Price On Application

**2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose sulfamate**• 2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose sulfamate  
• Topiramate[97240-79-4] C<sub>12</sub>H<sub>21</sub>NO<sub>8</sub>S 339.37

MD03549

25g	\$50.00
50g	\$71.50
100g	\$110.00



Refs: Maryanoff BE, Nortey SO, Gardocki JF, et al, J. Med. Chem. 1987, Vol30, p880-887

**2,3:4,5-Di-O-isopropylidene-b-D-fructopyranose sulfonyl chloride**• 2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose sulfonylchloride  
• 2,3:4,5-Bis-O-(1-methylethylidene)-b-D-fructopyranose 1-chlorosulfate

[150609-95-3]

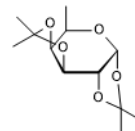
MD05322

Price On Application

**1,2:3,4-Di-O-isopropylidene-a-D-fucopyranose**[4026-27-1] C<sub>12</sub>H<sub>20</sub>O<sub>5</sub> 244.28

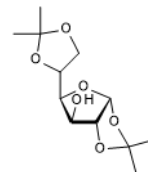
MD05797

1g	\$95.00
2g	\$170.00
5g	\$375.00

**1,2:5,6-Di-O-isopropylidene-a-D-galactofuranose**C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

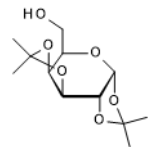
MD08511

1g	\$420.00
2g	\$735.00
5g	\$1653.80

**1,2:3,4-Di-O-isopropylidene-a-D-galactopyranose**• Diacetone-D-galactose  
• Galactose diacetonide[4064-06-6] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD04713

25g	\$60.00
50g	\$110.00
100g	\$200.00

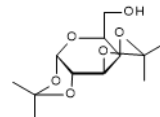


Refs: Santoyo Gonzalez F, Baer HH, Carbohydr. Res. 1990, 15, 202, p33; Lee YC, Carbohydr. Res. 1982, 16, 101, p39

**1,2:3,4-Di-O-isopropylidene-a-L-galactopyranose**[70932-37-5] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD46310

250mg	\$575.00
500mg	\$1050.00
1g	\$1800.00

**1,2:3,4-Di-O-isopropylidene-a-D-galactopyranuronic acid**

see 1,2:3,4-Di-O-isopropylidene-a-D-galacturonide, MD04990 on page 220

## Diisopropylidene

## 1,2:3,4-Di-O-isopropylidene-a-D-galacturonic acid hydrazide

[262856-80-4] C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>6</sub> 288.3

MD00849

Price On Application



## 1,2:3,4-Di-O-isopropylidene-a-D-galacturonic acid methyl ester

see 1,2:3,4-Di-O-isopropylidene-a-D-galacturonide methyl ester, MD00848 on page 220

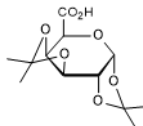
## 1,2:3,4-Di-O-isopropylidene-a-D-galacturonide

• 1,2:3,4-Di-O-isopropylidene-a-D-galactopyranuronic acid

[25253-46-7] C<sub>12</sub>H<sub>18</sub>O<sub>7</sub> 274.27

MD04990

1g	\$189.00
2g	\$315.00
5g	\$682.50



Refs: Joniak D, Chem. Pap. 1995, 49, p198; Joniak D, Chem Abstr. 1996, 124, 261, 541

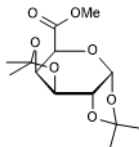
## 1,2:3,4-Di-O-isopropylidene-a-D-galacturonide methyl ester

• 1,2:3,4-Di-O-isopropylidene-a-D-galacturonic acid methyl ester

[18524-41-9] C<sub>13</sub>H<sub>20</sub>O<sub>7</sub> 288.29

MD00848

50mg	\$45.00
100mg	\$65.00
250mg	\$110.00



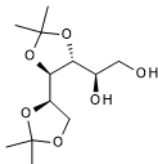
## 3,4:5,6-Di-O-isopropylidene-D-glucitol

• 3,4:5,6-Di-O-isopropylidene-D-sorbitol

[58846-25-6] C<sub>12</sub>H<sub>22</sub>O<sub>6</sub> 262.3

MD10327

1g	\$168.00
2g	\$273.00
5g	\$577.50



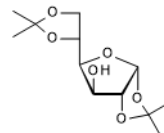
## 1,2:5,6-Di-O-isopropylidene-a-D-glucufuranose

• Diacetone-D-glucose

[582-52-5] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD06795

250g	\$55.00
500g	\$95.00
1kg	\$170.00



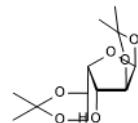
Refs: Karakawa M, Nakatsubo F, Carbohydr. Res. 2002, 337, 10, p951; Hung SC, Thopate SR, Puranik R, Carbohydr. Res. 2001, 23, 331, p369; Berndt DF, Norris P, Tetrahedron Lett. 2002, 43, p3961; Beil. 31, p155

## 1,2:5,6-Di-O-isopropylidene-a-L-glucufuranose

[79943-22-9] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD02616

500mg	\$65.00
1g	\$105.00
2g	\$168.00

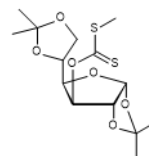


## 1,2:5,6-Di-O-isopropylidene-a-D-glucufuranose S-methyl dithiocarbonate

[16667-96-2] C<sub>14</sub>H<sub>22</sub>O<sub>6</sub>S<sub>2</sub> 350.45

MD10309

250mg	\$132.50
500mg	\$210.00
1g	\$367.50



## 1,2:5,6-Di-O-isopropylidene-D-glucufuranosulose enolacetate

MD04003

Price On Application



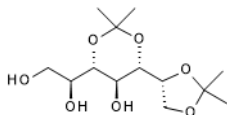
## 3,4:5,6-Di-O-isopropylidene-D-gluconic acid methyl ester

see Methyl 3,4:5,6-di-O-isopropylidene-D-gluconate, MM08183 on page 396

**1,2:3,5-Di-O-isopropylidene-D-glycero-L-gulo-heptitol**[6586-64-7][13298-88-9] C<sub>13</sub>H<sub>24</sub>O<sub>7</sub> 292.33

MD32695

Price On Application

**2,3:5,6-Di-O-isopropylidene-D-gulofuranose**

[34685-42-2]

MD05517

Price On Application

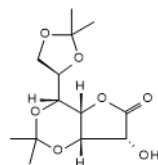
**3,5:6,7-Di-O-isopropylidene-D-glycero-D-gulo-heptonic acid-γ-lactone**

• 3,5:6,7-Bis-O-(1-methylethylidene)-α-D-glucoheptonic gamma-lactone

[6605-22-7] C<sub>13</sub>H<sub>20</sub>O<sub>7</sub> 288.28

MD32690

5g	\$1023.80
10g	\$1785.00
25g	\$2494.00

**2,3:5,6-Di-O-isopropylidene-L-gulofuranose**

[137126-23-9]

MD02176

Price On Application

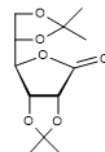
**2,3:5,6-Di-O-isopropylidene-L-gulono-1,4-lactone**

• L-Gulonolactone diacetone

[7306-64-1] C<sub>12</sub>H<sub>18</sub>O<sub>6</sub> 258.27

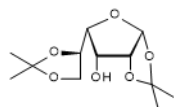
MD06778

2g	\$80.00
5g	\$150.00
10g	\$275.00

**1,2:5,6-Di-O-isopropylidene-α-D-gulofuranose**[14686-89-6] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD04115

500mg	\$75.00
1g	\$125.00
2g	\$190.00

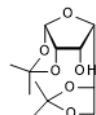


Refs: Rosenthal A, Ratcliffe M, Carbohydr. Res. 1977, Mar 54(1), 61-73

**1,2:5,6-Di-O-isopropylidene-α-L-gulofuranose**C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD58359

1g \$75.76

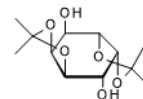
**2,3:4,6-Di-O-isopropylidene-2-C-hydroxy-L-gulonic acid**

see 2,3:4,6-Di-O-isopropylidene-2-keto-L-gulonic acid monohydrate, MD13685 on page 222

**1,2:4,5-Di-O-isopropylidene-D,L-myo-inositol**[98974-89-1] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD04712

10mg	\$90.00
25mg	\$165.00
50mg	\$275.00



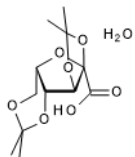
## Diisopropyl

## 2,3:4,6-Di-O-isopropylidene-2-keto-L-gulonic acid monohydrate

- 2,3:4,6-Di-O-isopropylidene-2-C-hydroxy-L-gulonic acid
- 2,3:4,6-Di-O-isopropylidene- $\alpha$ -L-xylo-2-hexulofuranosonic acid

[68539-16-2][60481-94-9] C<sub>12</sub>H<sub>18</sub>O<sub>7</sub>·H<sub>2</sub>O 292.28

MD13685	50g	\$50.00
	100g	\$80.00
	250g	\$125.00



## 2,3:4,6-Di-O-isopropylidene-2-keto-L-gulonic acid sodium salt

- Sodium 2,3:4,6-di-O-isopropylidene- $\alpha$ -L-xylo-2-hexulofuranosonate
- Dikegulac sodium

[52508-35-7] C<sub>12</sub>H<sub>17</sub>NaO<sub>7</sub> 296.25

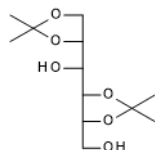
MD13687	100g	\$85.00
	250g	\$150.00
	500g	\$250.00



## 1,2:4,5-Di-O-isopropylidene-D-mannitol

[3969-61-7] C<sub>12</sub>H<sub>22</sub>O<sub>6</sub> 262.3

MD04715	1g	\$125.00
	2g	\$230.00
	5g	\$550.00

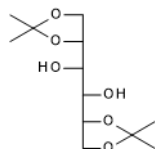


## 1,2:5,6-Di-O-isopropylidene-D-mannitol

- 1,2:5,6-Diacetone-D-mannitol
- (1S,2S)-1,2-bis((4R)-2,2-Dimethyl-1,3-dioxolan-4-yl)ethane-1,2-diol

[1707-77-3] C<sub>12</sub>H<sub>22</sub>O<sub>6</sub> 262.3

MD03323	50g	\$55.00
	100g	\$85.00
	200g	\$140.00



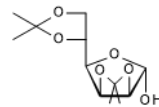
Refs: Takano S, Kurotaki A, Takahashi M, Ogasawara K, Synthesis 1986, p403; Baer E, J. Am. Chem. Soc. 1945, 67, p338

2,3:5,6-Di-O-isopropylidene- $\alpha$ -D-mannofuranose

- Diacetone-D-mannose

[14131-84-1] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD01051	10g	\$50.00
	25g	\$80.00
	50g	\$150.00



Refs: Morgenlie S, Acta Chem. Scand. 1972, 26, 6, p2518; Sala M, Jakse R, Svete J, Golobic A, Golic L, Stanovnik B, Carbohydr. Res. 2003, 26, 338, p2057; Kovacs L, Hornyak M, Howarth NM, Nucleosides Nucleotides & Nucleic Acids 2003, 22, 5, p1363

2,3:5,6-Di-O-isopropylidene- $\alpha$ -D-mannofuranose oxime

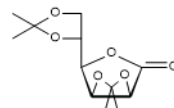
MD12058	250mg	\$42.50
	500mg	\$55.00
	1g	\$84.00



## 2,3:5,6-Di-O-isopropylidene-D-mannonic acid-1,4-lactone

[14440-56-3] C<sub>12</sub>H<sub>18</sub>O<sub>6</sub> 258.27

MD03819	1g	\$195.00
	2g	\$340.00
	5g	\$825.00



Refs: Morgenlie S, Acta Chem Scand. 1972, Vol26, No6, p2518-2522

1,2:4,5-Di-O-isopropylidene-3-O-methacryloyl- $\beta$ -D-fructopyranose

MD71771

Price On Application



**2,3:4,5-Di-O-isopropylidene-1-O-methacryloyl-b-D-fructopyranose - Stabilised with Mono Methyl Ether of Hydroquinone**[122444-90-0] C<sub>16</sub>H<sub>24</sub>O<sub>7</sub> 328.36

Price On Application

MD64796

**1,2:3,4-Di-O-isopropylidene-6-O-methacryloyl-a-D-galactopyranose**

• MAGP

[2715-36-8] C<sub>16</sub>H<sub>24</sub>O<sub>7</sub> 328.36

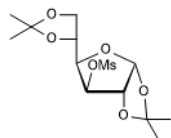
MD64795

1g	\$195.00
2g	\$350.00
5g	\$750.00

**1,2:5,6-Di-O-isopropylidene-3-O-methanesulfonyl-a-D-glucofuranose**[5450-26-0] C<sub>13</sub>H<sub>22</sub>O<sub>6</sub>S 338.37

MD06143

25g	\$60.00
50g	\$95.00
100g	\$175.00

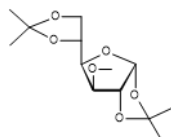
**1,2:5,6-Di-O-isopropylidene-3-O-methyl-a-D-glucofuranose**

• 3-O-Methyl-1,2:5,6-bis-O-(1-methylethylidene)-a-D-glucofuranose

[43138-64-3] C<sub>13</sub>H<sub>22</sub>O<sub>6</sub> 274.31

MD32503

1g	\$236.30
2g	\$409.50
5g	\$918.80

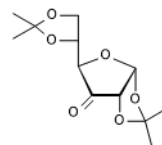
**Di-O-isopropylidene-D-pinitol**see *Pinitol diacetone*, MP10127 on page 477**2,3:4,5-Di-O-isopropylidene-a-D-psicopyranose**see *Psicose diacetone*, MP02639 on page 484**1,2:5,6-Di-O-isopropylidene-a-D-ribo-hexofuranose-3-ulose**

• 1,2:5,6-Di-O-isopropylidene-a-D-ribo-3-hexulofuranosulose

[2847-00-9] C<sub>12</sub>H<sub>18</sub>O<sub>6</sub> 258.27

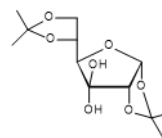
MD01057

1g	\$105.00
2g	\$168.00
5g	\$400.00

**1,2:5,6-Di-O-isopropylidene-a-D-ribo-hexofuranose-3-ulose monohydrate**[10578-85-5] C<sub>12</sub>H<sub>20</sub>O<sub>7</sub>·H<sub>2</sub>O 294.3

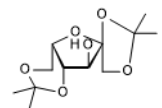
MD00077

1g	\$105.00
2g	\$168.00
5g	\$400.00

**1,2:5,6-Di-O-isopropylidene-a-D-ribo-3-hexulofuranosulose**see *1,2:5,6-Di-O-isopropylidene-a-D-ribo-hexofuranose-3-ulose*, MD01057 on page 223**3,4:5,6-Di-O-isopropylidene-D-sorbitol**see *3,4:5,6-Di-O-isopropylidene-D-glucitol*, MD10327 on page 220**1,2:4,6-Di-O-isopropylidene-a-L-sorbofuranose**[18604-19-8] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

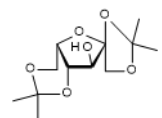
MD05391

5g	\$157.50
10g	\$262.50
25g	\$420.00

**1,2:4,6-Di-O-isopropylidene-L-sorbofuranose**[62133-03-3] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD01943

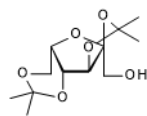
500mg	\$100.00
1g	\$178.50
2g	\$325.50



## Diisopropylidene

2,3:4,6-Di-O-isopropylidene- $\alpha$ -L-sorbofuranose•  $\alpha$ -L-Sorbose diacetonide[17682-70-1][32717-65-0] C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MD06400

10g \$50.00  
25g \$100.00  
50g \$150.00

Refs: Masson G, Compain P, Martin OR, Org. Lett. 2000, 19, p2971

## 2,3:5,6-Di-O-isopropylidene-D-talonic acid-1,4-lactone

[23262-80-8] C<sub>12</sub>H<sub>18</sub>O<sub>6</sub> 258.27

MD05677

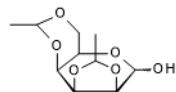
1g \$75.00  
2g \$130.00  
5g \$225.00

## 2,3:5,6-Di-O-isopropylidene-D-talose

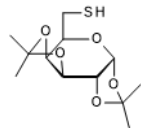
C<sub>10</sub>H<sub>16</sub>O<sub>6</sub> 232.23

MD10489

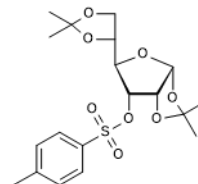
Price On Application

1,2:3,4-Di-O-isopropylidene-6-thio- $\alpha$ -D-galactopyranose[16714-07-1] C<sub>12</sub>H<sub>20</sub>O<sub>5</sub>S 276.35

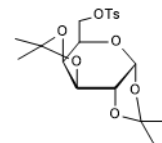
MD08339

25mg \$42.50  
50mg \$67.50  
100mg \$107.001,2:5,6-Di-O-isopropylidene-3-O-p-toluenesulfonyl- $\alpha$ -D-allofuranose[13964-21-1] C<sub>19</sub>H<sub>26</sub>O<sub>8</sub>S 414.47

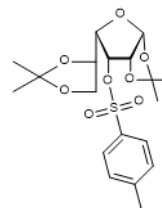
MD06158

200mg \$74.00  
500mg \$160.00  
1g \$315.001,2:3,4-Di-O-isopropylidene-6-O-p-toluenesulfonyl- $\alpha$ -D-galactopyranose[4478-43-7] C<sub>19</sub>H<sub>26</sub>O<sub>8</sub>S 414.47

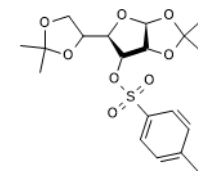
MD06162

25g \$84.00  
50g \$167.50  
100g \$263.001,2:5,6-Di-O-isopropylidene-3-O-p-toluenesulfonyl- $\alpha$ -D-gulofuranoseC<sub>19</sub>H<sub>26</sub>O<sub>8</sub>S 414.47

MD07210

25mg \$94.50  
50mg \$184.00  
100mg \$368.001,2:5,6-Di-O-isopropylidene-3-O-tosyl- $\alpha$ -D-gulofuranose• 1,2:5,6-Bis-O-(1-methylethylidene)- $\alpha$ -D-gulofuranose 4-methylbenzenesulfonate[19131-06-7] C<sub>19</sub>H<sub>26</sub>O<sub>8</sub>S 414.47

MD16696

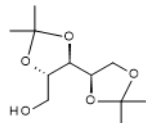
25mg \$110.00  
50mg \$200.50  
100mg \$364.00



**2,3:4,5-Di-O-isopropylidene-D-xylitol**C<sub>11</sub>H<sub>20</sub>O<sub>5</sub> 232.27

MD12023

5g	\$75.00
10g	\$120.00
25g	\$200.00

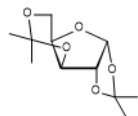
**1,2:3,5-Di-O-isopropylidene-a-D-xylofuranose**

• Diacetone-D-xylose

[20881-04-3] C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

MD05090

5g	\$45.00
10g	\$75.00
25g	\$150.00

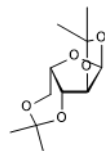


Refs: Lin TY, Chang HC, Lagow RJ, J. Org. Chem. 1999, Oct 29, 64(22), 8127-8129

**1,2:3,5-Di-O-isopropylidene-a-L-xylofuranose**[131156-47-3] C<sub>11</sub>H<sub>18</sub>O<sub>5</sub> 230.26

MD10615

1g	\$50.00
2g	\$80.00
5g	\$150.00

**2,3:4,6-Di-O-isopropylidene-a-L-xylo-2-hexulofuranosonic acid**

see 2,3:4,6-Di-O-isopropylidene-2-keto-L-gulonic acid monohydrate, MD13685 on page 222

**Dikegulac sodium**

see 2,3:4,6-Di-O-isopropylidene-2-keto-L-gulonic acid sodium salt, MD13687 on page 222

**Di-Lex-APE-BSA**

• Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb1-O-APE-BSA

MD02526 0.5mg \$360.00

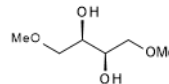
**2-[[[(2,6-Dimethoxybenzoyl)oxy]methyl]-4-hydroxyphenyl b-D-glucopyranoside**

see Curculigoside, MC09479 on page 152

**(R,R)-(+)-1,4-Dimethoxy-2,3-butanediol**[33507-82-3] C<sub>8</sub>H<sub>14</sub>O<sub>4</sub> 150.17

MD63232

5g	\$2375.00
10g	\$3200.00
25g	\$4375.00

**(S,S)-(-)-1,4-Dimethoxy-2,3-butanediol**

• (-)-1,4-Di-O-methyl-L-threitol

[50622-10-1] C<sub>8</sub>H<sub>14</sub>O<sub>4</sub> 150.17

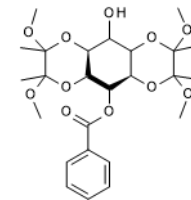
MD63233

1g \$250.00

**1,6-O-[[[(1R,2R)-1,2-Dimethoxy-1,2-dimethyl-1,2-ethanediyl]-3,4-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-5-benzoate-myoinositol**[1068088-78-7] C<sub>25</sub>H<sub>36</sub>O<sub>11</sub> 512.55

MD16693

10mg	\$149.90
25mg	\$272.50
50mg	\$496.00



Refs: Sun, Y. et al, Bioorgan. Med. Chem. 16, 7177 (2008).

## Dimethoxydim

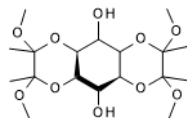
**3,4-O-[(1R,2R)-1,2-Dimethoxy-1,2-dimethyl-1,2-ethanediyl]-1,6-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-D-myo-inositol**

• *rel*-3,4-O-[(1R,2R)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-1,6-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-D-myo-inositol

[176798-27-9] C<sub>18</sub>H<sub>32</sub>O<sub>10</sub> 408.44

MD16692

25mg	\$150.00
50mg	\$272.50
100mg	\$496.00



Refs: Sun, Y. et al. *Bioorgan. Med. Chem.* 16, 7177 (2008).

**rel-3,4-O-[(1R,2R)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-1,6-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-D-myo-inositol**

see 3,4-O-[(1R,2R)-1,2-Dimethoxy-1,2-dimethyl-1,2-ethanediyl]-1,6-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-D-myo-inositol, MD16692 on page 226

**1,6-O-[(1R,2R)-1,2-Dimethoxy-1,2-dimethyl-1,2-ethanediyl]-3,4-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-myo-inositol 5-benzoate 2-(1,1,1-trifluoro-methanesulfonate)**

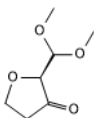
see 1,6:3,4-Bis-[O-(2,3-dimethoxybutane-2,3-diy)]-2-O-trifluoromethanesulphonyl-5-O-benzoyl-myo-inositol, MB16636 on page 122

**2-(Dimethoxymethyl)dihydro-3(2H)-furanone**

[287183-59-9] C<sub>7</sub>H<sub>12</sub>O<sub>4</sub> 160.17

MD63090

Price On Application



**(1R,2R,4S)-2-(Dimethoxymethyl)-4-(prop-2-enoxymethyl)-3,6-dioxabicyclo[3.1.0]hexane**

see 2,5:3,4-Dianhydro-6-O-2-propenyl-dimethyl acetal-L-talose, MD63093 on page 198

**(3R,5R)-5-(Dimethoxymethyl)tetrahydrofuran-3-ol**

[127682-76-2] C<sub>7</sub>H<sub>14</sub>O<sub>4</sub> 162.18

MD63092

Price On Application



**3,5-Dimethoxyphenyl-beta-D-glucopyranoside**

see *Taxicatin*, MT65346 on page 512

**4-[(3,4-Dimethoxyphenyl)methyl]-3-[4-(b-D-glucopyranosyloxy)-3-methoxyphenyl]methyl]dihydro-(3R,4R)-2(3H)-furanone**

see *Arctiin*, MA08140 on page 85

**4-[(1S,3aR,4R,6aR)-4-(3,4-Dimethoxyphenyl)tetrahydro-1H, 3H-furo[3,4-c]furan-1-yl]-2-methoxyphenyl b-D-glucopyranoside**

see *Phillyrin*, MP08141 on page 474

**9,10-Dimethoxy-pterocarpane-3-O-b-D-glucoside**

MD74553

5mg	\$69.00
10mg	\$120.00
25mg	\$240.00



**3,6-Di-O-methyl-N-acetyl-D-glucosamine**

see 2-Acetamido-2-deoxy-3,6-di-O-methyl-D-glucose, MA153452 on page 12

**3-O-(4,7-Di-O-methyl-N-acetyl-α-neuraminosyl)-D-galactopyranoside**

MD159065

Price On Application



**6-O-(4,7-Di-O-methyl-N-acetyl-α-neuraminosyl)-D-galactopyranoside**

MD159066

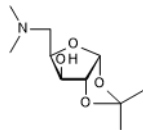
Price On Application



**5-Dimethylamino-5-deoxy-1,2-O-isopropylidene-a-D-xylofuranose**[145147-43-9] C<sub>10</sub>H<sub>19</sub>NO<sub>4</sub> 217.26

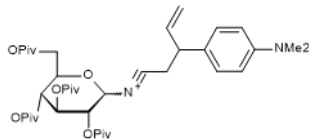
MD31455

1g	\$787.50
2g	\$1365.00
5g	\$2073.80

**4-[2-(Dimethylamino)-1-(1-hydroxycyclohexyl)ethyl]phenol glucuronide**see *rac* *O*-Desmethyl venlafaxine *b*-D-glucuronide, MD16846 on page 190**4-[2-(Dimethylamino)-1-(1-hydroxycyclohexyl)ethyl]phenylb-D-glucopyranosiduronic acid**see *rac* *O*-Desmethyl venlafaxine *b*-D-glucuronide, MD16846 on page 190**N-[2-(4'-Dimethylaminophenyl)-1-cyano-3-butene]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>39</sub>H<sub>59</sub>N<sub>2</sub>O<sub>9</sub> 699.91

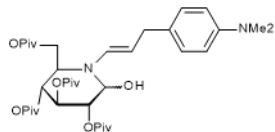
MD08488

Price On Application

**N-[(4'-Dimethylaminophenyl)-1-propenyl]imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranose**C<sub>37</sub>H<sub>58</sub>N<sub>2</sub>O<sub>9</sub> 674.88

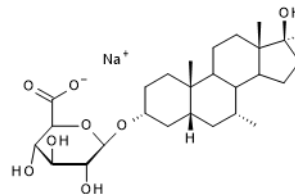
MD08489

Price On Application

**7-a,17-a-Dimethyl-5-b-androstane-3-a,17-b-diol glucuronide**C<sub>27</sub>H<sub>43</sub>O<sub>8</sub>-Na 518.62

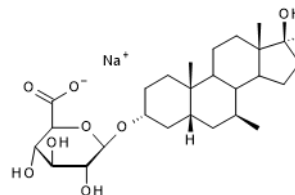
MD11455

1mg \$367.50

**7-b,17-a-Dimethyl-5-b-androstane-3-a,17-b-diol glucuronide**C<sub>27</sub>H<sub>43</sub>O<sub>8</sub>-Na 518.62

MD11456

1mg \$367.50

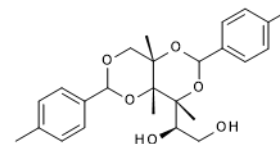
**1,3:2,4-Di-p-methylbenzylidene sorbitol**

• Bis(p-methylbenzylidene)sorbitol

[54686-97-4] C<sub>22</sub>H<sub>26</sub>O<sub>6</sub> 386.44

MD40421

500mg	\$75.00
1g	\$125.00
2g	\$210.00

**2,5-Di-O-methyl-1,4:3,6-dianhydro-D-glucitol**

see 1,4:3,6-Dianhydro-2,5-di-O-methyl-D-glucitol, MD41783 on page 197

**(-)-trans-a,a-(Dimethyl-1,3-dioxalane-4,5-diyl)bis(diphenylmethanol)**

see 2,3-O-Isopropylidene-1,1,4,4-tetraphenyl-L-threitol, MI11457 on page 339

**2,2-(R)-Dimethyl-1,3-dioxolane-4-carboxaldehyde**

see 2,3-O-Isopropylidene-D-glyceraldehyde - 50% solution in DCM, MI09388 on page 335

## Dimethyldiox

**(4R,5R)-(-)-2,2-Dimethyl-1,3-dioxolane-4,5-dimethanol**

see (-)-2,3-O-Isopropylidene-D-threitol, M105357 on page 339

**(1S,2S)-1,2-bis((4R)-2,2-Dimethyl-1,3-dioxolan-4-yl)ethane-1,2-diol**

see 1,2:5,6-Di-O-isopropylidene-D-mannitol, MD03323 on page 222

**7-[[6-O-[(1,1-Dimethylethyl)diphenylsilyl]-b-D-galactopyranosyl]oxy]-4-methyl-2H-1-benzopyran-2-one**

see 4-Methylumbelliferyl 6-O-(tert-butyl)diphenylsilyl)-b-D-galactopyranoside, MM16802 on page 429

**2,3-Di-O-methyl-D-glucopyranose**[1133-45-5] C<sub>8</sub>H<sub>16</sub>O<sub>6</sub> 208.21

MD66451

1mg	\$122.00
2mg	\$195.00
5mg	\$390.00

**3,4-Di-O-methyl-D-glucosamine**

see 2-Amino-2-deoxy-3,4-di-O-methyl-D-glucose, MA153450 on page 57

**3,6-Di-O-methyl-D-glucosamine**

see 2-Amino-2-deoxy-3,6-di-O-methyl-D-glucose, MA153451 on page 57

**N,N-Dimethyl-D-glucosamine**

• 2-Deoxy-2-(dimethylamino)-D-glucose

[69947-77-9] C<sub>8</sub>H<sub>17</sub>NO<sub>5</sub> 207.22

MD153444

Price On Application

**(αR,4S)-2,2-Dimethyl-α-hydroxy-1,3-dioxolane-4-acetic acid methyl ester**

see Methyl 3,4-O-isopropylidene-L-threonate, MM63237 on page 404

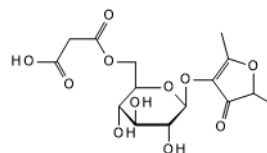
**2,5-Dimethyl-4-hydroxy-3(2H)-furanone-b-D-glucoside-6'-malonate**

• 4-Hydroxy-2,5-dimethyl-3(2H)-furanone glucoside malonate

[182236-12-0] C<sub>15</sub>H<sub>20</sub>O<sub>11</sub> 376.31

MD30168

Price On Application

**1-[5-(2,5-Dimethylphenoxy)-2-dimethylpentanoate] b-D-glucopyranuronic acid**

see Gemfibrozil b-D-glucuronide, MG07427 on page 281

**1-[5-(2,5-Dimethylphenoxy)-2,2-dimethylpentanoate] b-D-glucopyranuronic acid**

see Gemfibrozil b-D-glucuronide-D6, MG07428 on page 282

**1-[4'-[(1',4'-Dimethyl-2-propyl[2'-propyl[2',6-b1-1H-benzimidazol]-1-yl)methyl]](1,1'-biphenyl)-2-carboxylate]-b-D-glucopyranuronic acid**

see Telmisartan acyl-b-D-glucuronide, MT07380 on page 512

**(4R5R)-2,2,-Dimethyl-α,α,α',α'-tetraphenyldioxolane-4,5-dimethanol**

see 2,3-O-Isopropylidene-1,1,4,4-tetraphenyl-L-threitol, M111457 on page 339

**Dimethylthexylsilyl 2-azido-2-deoxy-b-L-fucopyranoside**

MD63352

10g \$4750.00

**Dimethylthexylsilyl 2,3,6-tri-O-benzyl-b-D-galactopyranoside**

MD63342

10g \$3050.00



D

**(-)-1,4-Di-O-methyl-L-threitol**

see (S,S)-(-)-1,4-Dimethoxy-2,3-butanediol, MD63233 on page 225

**3,5-Dimethyltricyclo[3.3.1.1<sup>3,7</sup>]decan-1-amine b-D-glucuronide**

see Memantine N-b-D-glucuronide, MM45204 on page 360

**2,4-Dinitrophenyl 3,4,6-tri-O-acetyl-2-deoxy-2-fluoro-b-D-galactoside**[207975-84-6] C<sub>18</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>12</sub> 474.35

Price On Application

MD98997

**Diosmetin-3',7-diglucuronide**[152503-51-0] C<sub>28</sub>H<sub>28</sub>O<sub>18</sub> 652.51

MD34904

5mg	\$682.50
10mg	\$1023.80
25mg	\$1575.00

**Diosmetin-7-O-b-D-glucopyranoside**[20126-59-4] C<sub>22</sub>H<sub>22</sub>O<sub>11</sub> 462.4

MD33275

1mg	\$65.00
2mg	\$100.00
5mg	\$200.00

**Diosmetin-3'-O-b-D-glucuronide**[152503-50-9] C<sub>22</sub>H<sub>20</sub>O<sub>12</sub> 476.39

MD34913

10mg	\$1250.00
25mg	\$1875.00
50mg	\$2750.00

**6,8-Dioxa-bicyclo[3,2,1]octonae-2,3,4-triol**

see 1,6-Anhydro-b-D-galactopyranose, MA03786 on page 74

**1-O-[[1,8-Dioxo-8-(phenyl-D5-amino)octyl]amino]-b-D-glucopyranuronic acid**

see Suberoylanilide-D5 hydroxamic acid b-D-glucuronide, MS07391 on page 507

**1-O-[[1,8-Dioxo-8-(phenylamino)octyl]amino]-b-D-Glucopyranuronic acid**

see Suberoylanilide hydroxamic acid b-D-glucuronide, MS07390 on page 507

**(11a)-3,20-Dioxopregn-4-en-11-yl**

see 11a-Hydroxy progesterone b-D-glucuronide, MH16748 on page 320

**1-[6-[2-[4-[(2,4-Dioxo-5-thiazolidinyl)methyl]phenoxy]ethyl]-3-pyridinyl]ethyl b-D-glucopyranosiduronic acid**

see Hydroxy pioglitazone (M-IV) b-D-glucuronide, MH16746 on page 319

**2-[6-[2-[4-[(2,4-Dioxo-5-thiazolidinyl)methyl]phenoxy]ethyl]-3-pyridinyl]ethyl b-D-glucopyranosiduronic acid**

see Hydroxy pioglitazone (M-VII) b-D-glucuronide, MH16747 on page 319

**6-[6-((2-[4-Dioxo-thiazolidin-5-yl-methyl]-phenoxy)ethyl)-methyl-amino]-pyridin-3-yloxy]-3,4,5-trihydroxy-tetrahydro-pyran-2-carboxylic acid**

see (5-Hydroxy rosiglitazone)-b-D-glucuronide, MH07446 on page 321

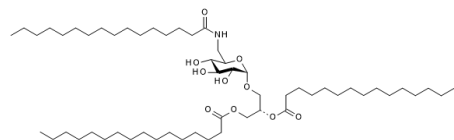
**1,2-Dipalmitoyl-3-(N-palmitoyl-6'-amino-6'-deoxy-a-D-glucosyl)-sn-glycerol**

• (2S)-2,3-Bis[(1-oxohexadecyl)oxy]propyl

[843651-89-8] C<sub>57</sub>H<sub>108</sub>NO<sub>10</sub> 968.48

MD16700

1mg	\$567.80
2mg	\$1032.30
5mg	\$1876.90

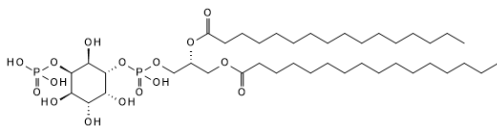


Refs: Dax, K, et al, Carbohydr. Res, 65, 132



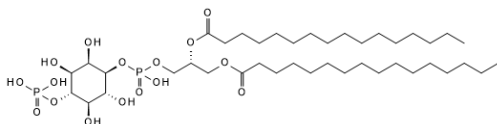
**Dipalmitoylp****1,2-Dipalmitoyl phosphatidylinositol 5-phosphate**[291527-75-8] C<sub>41</sub>H<sub>80</sub>O<sub>16</sub>P<sub>2</sub> 891.01

MD59675

1mg \$800.00  
2mg \$1200.00  
5mg \$2160.00**1,2-Dipalmitoyl phosphatidylinositol 4-phosphate ammonium salt**[57606-15-2] C<sub>41</sub>H<sub>80</sub>O<sub>16</sub>P<sub>2</sub> 891.01

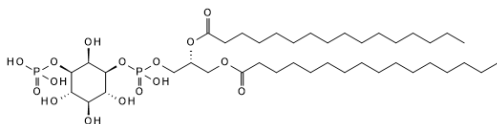
MD46595

1mg \$525.00

**1,2-Dipalmitoyl-sn-glycero-3-phospho-(1'-myoinositol-4'-phosphate)**[165689-81-6] C<sub>41</sub>H<sub>80</sub>O<sub>16</sub>P<sub>2</sub> 891.01

MD46594

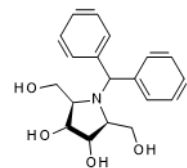
1mg \$525.00

**N-Diphenylmethyl 2,5-anhydro-2,5-imino-D-glucitol**

• (2R,3R,4R,5S)-1-(Diphenylmethyl)-3,4-dihydroxy-2,5-pyrrolidinedimethanol

[132198-31-3] C<sub>18</sub>H<sub>23</sub>NO<sub>4</sub> 329.39

MD16701

10mg \$139.80  
25mg \$254.50  
50mg \$462.00

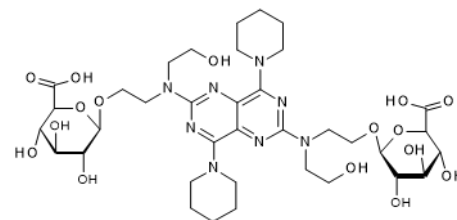
Refs: Wang, R, et al, Bioorg. Med. Chem, 5, 661 (1997)

**(2R,3R,4R,5S)-1-(Diphenylmethyl)-3,4-dihydroxy-2,5-pyrrolidinedimethanol**see *N-Diphenylmethyl 2,5-anhydro-2,5-imino-D-glucitol*, MD16701 on page 230**2,2',2'',2'''-[(4,8-Dipiperidinopyrimido[5,4]pyrimidine-2,6-diylo)dinitrilo]tetraethanol di-b-D-glucuronide**see *Dipyridamole di-O-b-D-glucuronide*, MD07330 on page 230**Dipotassium D-arabinate**see *D-Arabinaric acid dipotassium salt*, MA15901 on page 80**Dipotassium L-arabinate**see *L-Arabinaric acid dipotassium salt*, MA153476 on page 80**Dipotassium D-lyxarate**see *D-Arabinaric acid dipotassium salt*, MA15901 on page 80**Dipotassium L-lyxarate**see *L-Arabinaric acid dipotassium salt*, MA153476 on page 80**Dipropylacetate glucuronide**see *Valproic acid b-D-glucuronide*, MV16889 on page 600**1-[4-((Dipropylamino)sulfonyl]benzoate]**see *Probenecid acyl b-D-glucuronide*, MP16838 on page 479**Dipyridamole di-O-b-D-glucuronide**

• 2,2',2'',2'''-[(4,8-Dipiperidinopyrimido[5,4]pyrimidine-2,6-diylo)dinitrilo]tetraethanol di-b-D-glucuronide

[107136-95-8] C<sub>36</sub>H<sub>56</sub>N<sub>8</sub>O<sub>16</sub> 856.87

MD07330

1mg \$210.00  
2mg \$409.50  
5mg \$892.50

Refs: Zak SB, et al, J. Pharmacol. Exp. Ther, 1963, 141, p392

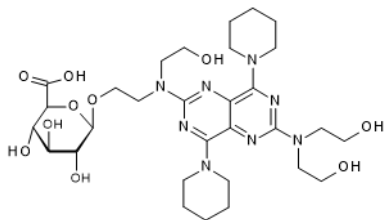
**Dipyridamole mono-O-b-D-glucuronide**

• 2-[[6-[Bis(2-hydroxyethyl)amino]-4,8-D-1-piperidinylpyrimido[5,4-D]pyrimidin-2-yl]](2-hydroxyethyl)aminoethyl b-D-glucopyranosiduronic acid

[63912-02-7] C<sub>30</sub>H<sub>48</sub>N<sub>8</sub>O<sub>10</sub> 680.75

MD07329

1mg	\$189.00
2mg	\$367.50
5mg	\$787.50



Refs: Zak SB, et.al, J. Pharmacol. Exp. Ther, 1963, 141, p392

**Disodium ribarate**

see *Ribaric acid disodium salt*, MR153475 on page 495

**Disodium xylarate**

see *Xylaric acid disodium salt*, MX15902 on page 602

**N-(Dithiocarbamoyl)-N-methyl-D-glucamine sodium salt**

see *N-(Dithiocarboxy)-N-methyl-D-glucamine sodium salt*, MD11345 on page 231

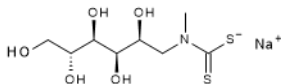
**N-(Dithiocarboxy)-N-methyl-D-glucamine sodium salt**

• N-(Dithiocarbamoyl)-N-methyl-D-glucamine sodium salt  
• Sodium N-Methyl-D-glucamine dithiocarbamate

[91840-27-6] C<sub>8</sub>H<sub>16</sub>NO<sub>5</sub>S<sub>2</sub>·Na 293.34

MD11345

2mg	\$60.00
5mg	\$100.00
10mg	\$150.00

**3,5-Di-O-4-tolouyl-2-deoxy-D-ribofuranosyl chloride**

see *1-Chloro-2-deoxy-3,5-di-O-tolouyl-a-D-ribofuranose*, MC02788 on page 143

**1,5-Di-O-tolouyl-2,3-O-isopropylidene-b-D-ribofuranose**

see *2,3-O-Isopropylidene-1,5-di-O-tolouyl-b-D-ribofuranose*, MI02528 on page 334

**3,6-Di-O-triisopropylsilyl-D-galactal**

[201053-37-4]

MD04323

Price On Application

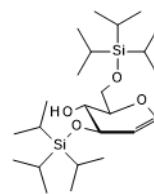
**3,6-Di-O-triisopropylsilyl-D-glucal**

• 1,5-Anhydro-2-deoxy-3,6-di-O-triisopropylsilyl-D-arabino-hex-1-enitol

[343338-29-4] C<sub>24</sub>H<sub>50</sub>O<sub>4</sub>Si<sub>2</sub> 458.82

MD04282

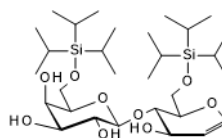
Price On Application

**6,6'-Di-O-triisopropylsilyl-lactal**

[173053-78-6] C<sub>30</sub>H<sub>60</sub>O<sub>9</sub>Si<sub>2</sub> 620.96

MD04192

Price On Application

**1,2-Di-[(Trishydroxymethyl)aminomethane]-succinamide**

MD12056

100mg	\$53.00
250mg	\$80.00
500mg	\$135.00



**DiTrishydrox****1,4-Di-[(Trishydroxymethyl)aminomethane]-1,4-tertratamide**

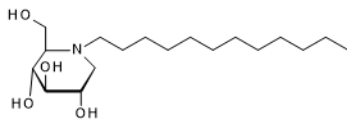
MD12057	100mg	\$48.00
	250mg	\$80.00
	500mg	\$120.00

**D-D-Mannomethylose**see *D-Rhamnose*, MR02762 on page 493**DMDP**see *2,5-Dideoxy-2,5-imino-D-mannitol*, MD04702 on page 209**L-DMDP**see *2,5-Dideoxy-2,5-imino-L-mannitol*, MD34342 on page 209**1-Dodecanoyl-b-D-glucopyranose**see *1-O-Lauroyl-D-glucopyranose*, ML05169 on page 347**N-Dodecyldeoxynojirimycin**

• 1,5-Dideoxy-N-dodecyl-1,5-imino-D-glucitol

[79206-22-7] C<sub>18</sub>H<sub>37</sub>NO<sub>4</sub> 331.49

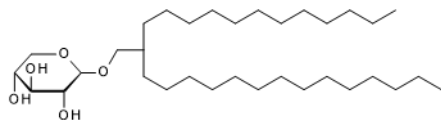
MD05329	1mg	\$50.00
	2mg	\$80.00
	5mg	\$125.00



Refs: Wright WG, Thelwell C, Svensson B, Russell RRB, Caries Res. 2002, 36, 353-359

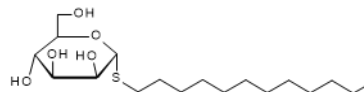
**2-Dodecylhexadecyl-D-xylopyranoside**[446264-03-5] C<sub>33</sub>H<sub>66</sub>O<sub>5</sub> 542.87

MD59469	1g	\$2250.00
	2g	\$3800.00
	5g	\$4550.00

**Dodecyl a-D-thiomannopyranoside**C<sub>18</sub>H<sub>36</sub>O<sub>5</sub>S 364.54

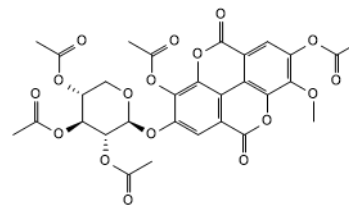
MD08930

Price On Application

**Doursterol**see *b-Sitosterol b-D-glucoside*, MS12901 on page 504**Ducheside A pentaacetate**

MD44396

Price On Application

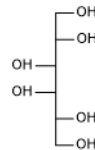
**Dulcitol**

• Galactitol

[608-66-2] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

MD01368

500g	\$60.00
1kg	\$110.00
2kg	\$210.00



Refs: Izumori K, Miroshi T, Tokuda S, Yamabe K, Appl. Environ. Microbiol. 1984, 48(5), p1055-1057; Muniruzaman S, Tokunaga H, Izumori K, J. Ferment. Bioeng. 1994, Vol78, No2, p145-148

**Dulcitol diepoxide**see *1,2,5,6-Dianhydrogalactitol*, MD44862 on page 197



**Duloxetine-4-hydroxy-D-glucuronide**C<sub>24</sub>H<sub>27</sub>NO<sub>6</sub>S 489.54

MD11747

1mg	\$325.00
2mg	\$600.00
5mg	\$1350.00

**Emodin 8-O-b-D-glucopyranoside**[23313-21-5] C<sub>21</sub>H<sub>20</sub>O<sub>10</sub> 432.38

ME33279

2mg	\$70.00
5mg	\$115.00
10mg	\$170.00

**Duvoglustat hydrochloride**

see 1-Deoxynojirimycin HCl, MD04655 on page 182

**Eleutheroside E**

see Syringaresinol-di-O-glucoside, MS33277 on page 510

**Eleutheroside A**

see b-Sitosterol b-D-glucoside, MS12901 on page 504

**Eltrombopag Acyl Glucuronide**

ME46632

Price On Application

**Emodin 1-glucoside**[38840-23-2] C<sub>21</sub>H<sub>20</sub>O<sub>10</sub> 432.38

ME33278

10mg	\$325.00
25mg	\$575.00
50mg	\$945.00

**Empetrin**

see Delphinidin 3-galactoside, MD44896 on page 161

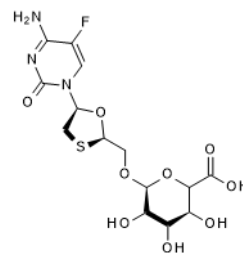
**(-)-Emtricitabine O-b-D-glucuronide**

• (2R-cis)-[5-(4-Amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl b-D-glucopyranosiduronic acid

[152128-78-4] C<sub>14</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>9</sub>S 423.37

ME16705

1mg	\$272.60
2mg	\$495.50
5mg	\$900.90



Refs: Schinazi, R.F., et al, Antimicrob. Ag. Chemother, 36, 2423 (1992); Shockey, J.P., et al, Xenobiocica, 26, 189 (1996); Feng, J.Y., et al, FASEB J, 13, 1511 (1999); Molina, J.-M., et al, J. Infec. Dis, 182, 599 (2000)

**Eluxadoline-glucuronide**

ME146113

Price On Application

**Emodin-1-O-b-D-glucopyranoside**

ME74549

2mg	\$58.00
5mg	\$115.00
10mg	\$200.00



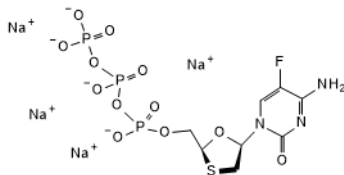
**Emtricitabin****(-)-Emtricitabine triphosphate**

- Triphosphoric acid P-[[[(2R,5S)-5-(4-amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl] ester sodium
- Triphosphoric Acid (2R-cis)-P-[[5-(4-Amino-5- fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl] Ester Sodium

[145819-92-7] C<sub>8</sub>H<sub>9</sub>FN<sub>3</sub>Na<sub>4</sub>O<sub>12</sub>P<sub>3</sub>S 575.11

ME16706

2mg	\$1500.00
5mg	\$3000.00
5mg	\$2500.00



Refs: Barditch-Crovo, P, et al, Antimicrob. Agents Chemother, 45, 2733 (2001)

**1,,2-ene-glucose**C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

ME138628

Price On Application

**Engeletin**

- Dihydrokaempferol 3-O-α-L-rhamnopyranoside
- Engeletin

[572-31-6] C<sub>21</sub>H<sub>22</sub>O<sub>10</sub> 434.39

ME33650

10mg	\$70.00
25mg	\$150.00
50mg	\$250.00

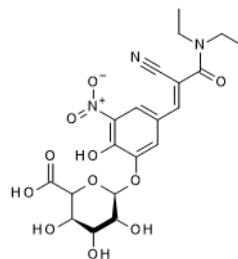
**Engelitin**see *Engeletin*, ME33650 on page 234**Enoside**see *Malvidin 3-glucoside*, MM44899 on page 354**Entacapone 3-b-D-glucuronide**

- 5-[(1E)-2-Cyano-3-(diethylamino)-3-oxo-1-propenyl]-2-hydroxy-3-nitrophenyl b-D-glucopyranosiduronic acid

[158069-75-1] C<sub>20</sub>H<sub>23</sub>N<sub>3</sub>O<sub>11</sub> 481.41

ME16707

1mg	\$395.00
2mg	\$700.00
5mg	\$1250.00



Refs: Mannisto, P, et al, Prog. Drug Res, 39, 291(1992); Nishi, H, et al, J. Pharm. Biomed. Anal, 11, 1277 (1993); Wikberg, T, et al, Eur. J. Drug Metab. Pharmacokinet, 18, 359 (1993)

**Entecavir 3"-O-b-D-glucuronide**C<sub>18</sub>H<sub>23</sub>N<sub>5</sub>O<sub>9</sub> 453.4

ME31096

1mg	\$735.00
2mg	\$1050.00
5mg	\$2100.00

**1-Epi-adenophorine**

ME44497

Price On Application

**3-Epilexine**

ME57489

Price On Application



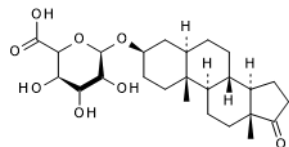
**Epiandrosterone b-D-glucuronide**

- (3b, 5a)-17-Oxoandrost-3-yl b-D-glucopyranosiduronic acid
- 17-Oxo-5a-androst-3-yl b-D-glucopyranosiduronic acid
- 17-Oxo-5a-androst-3-yl b-D-glucosiduronic acid

[4271-00-5] C<sub>28</sub>H<sub>38</sub>O<sub>8</sub> 466.56

ME16713

1mg	\$149.90
2mg	\$272.60
5mg	\$495.50



Refs: Martin, F. et al, J. Steroid Biochem, 8, 753 (1977); Yamamoto, Y. et al, Gen. Pharmacol, 21, 435 (1990)

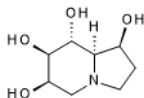
**(+)-3-Epiaustraline**

see 3,7a-Diepilexine, MD44489 on page 211

**6-Epi-castanospermine**[107244-34-8] C<sub>8</sub>H<sub>15</sub>NO<sub>4</sub> 189.21

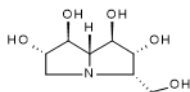
ME09488

1mg	\$130.00
2mg	\$190.00
5mg	\$375.00

**3-Epicasuarine**[729593-71-9] C<sub>8</sub>H<sub>15</sub>NO<sub>5</sub> 205.21

ME57575

Price On Application

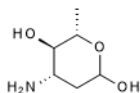
**4-Epi-daunosamine**

- L-arabino-Hexose, 3-amino-2,3,6-trideoxy-
- Acosamine

[41094-24-0] C<sub>6</sub>H<sub>11</sub>NO<sub>3</sub> 145.16

ME44772

10mg	\$985.00
25mg	\$1750.00
50mg	\$2750.00

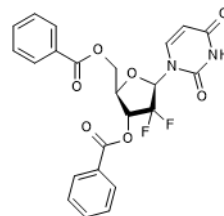
**1'-Epi 2',2'-difluoro-2'-deoxyuridine 3',5'-dibenzoate**

- 1-(3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-a-D-erythro-pentofuranosyl)-2,4(1H,3H)-pyrimidinedione

[143157-24-8] C<sub>23</sub>H<sub>18</sub>F<sub>2</sub>N<sub>2</sub>O<sub>7</sub> 472.4

ME16708

10mg	\$149.90
25mg	\$272.50
50mg	\$496.00

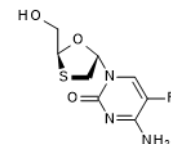
**2-epi(-)-emtricitabine**

- 4-Amino-5-fluoro-1-[(2S,5S)-2-hydroxymethyl]-1,3-oxathiolan-5-yl]-2-(1H-pyrimidinone
- (2S-trans)-4-Amino-5-fluoro-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone

[145416-34-8] C<sub>8</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>3</sub>S 247.25

ME16711

10mg	\$2500.00
25mg	\$3250.00
50mg	\$5200.00



Refs: Jeong, L.S, et al, J. Med. Chem, 36, 2627 (1993)

**6-Epiferetoside**

see Deacetylasperulosidic acid methyl ester, MD45065 on page 159

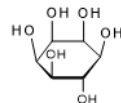
**5-epi-(3R,4R,5R)-5-(hydroxymethyl)-3,4-piperidinediol**

see 5-epi-isofagomine, ME22730 on page 236

**epi-Inositol**[488-58-4] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MI07497

25mg	\$50.00
50mg	\$85.00
100mg	\$150.00



Refs: Vitello C, Bellomo A, Brevet M, Seoane G, Gonzalez D, Carbohydr. Res, 2004, 339, 10,p1773

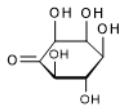
## Epiinose

## 1L-Epi-2-inosose

[33471-33-9] C<sub>8</sub>H<sub>16</sub>O<sub>6</sub> 178.14

ME07496

50mg	\$60.00
100mg	\$95.00
250mg	\$200.00



## Epirubicin

[56420-45-2] C<sub>27</sub>H<sub>29</sub>NO<sub>11</sub> 543.52

ME32119

100mg	\$95.00
250mg	\$175.00
500mg	\$300.00



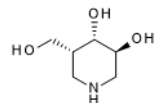
## 5-epi-isofagomine

- 5-epi-(3R,4R,5R)-5-(hydroxymethyl)-3,4-piperidinediol
- (3R,4R,5S)-5-(Hydroxymethyl)-3,4-piperidinediol

[202979-51-9] C<sub>6</sub>H<sub>13</sub>NO<sub>3</sub> 147.17

ME22730

Price On Application



Refs: Jespersen, T.M, et al, Tetrahedron, 50, 13499 (1994); Bulow, A, et al, J. Am. Chem. Soc, 122, 8567 (2000)

## epi-Kifunensine

- (5R,6R,7S,8R,8aR)-Hexahydro-6,7,8-trihydroxy-5-(hydroxymethyl)-imidazo[1,2-a]pyridine-2,3-dione

C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 232.19

MK61465

Price On Application



## (-)-4-epi-Lyoniresinol-3a-O-b-D-glucopyranoside

ME74565

Price On Application



## (3b,6a,16b,24R)-20,24-Epoxy-16,26-dihydroxy-3-(b-D-xylopyranosyloxy)-9,19-cyclolanostan-6-yl b-D-glucopyranoside

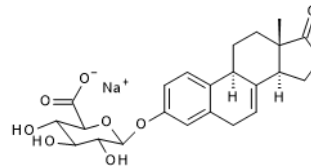
see Astragaloside IV, MA08288 on page 87

## Equilin 3-O-b-D-glucuronide sodium salt

[27610-12-4] C<sub>24</sub>H<sub>27</sub>O<sub>8</sub>·Na 466.46

ME11947

1mg	\$275.00
2mg	\$450.00
5mg	\$800.00



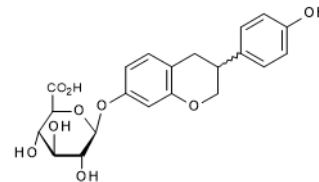
## R,S-Equol 7-b-D-glucuronide sodium salt

- 3,4-Dihydro-3-(4-hydroxyphenyl)-2H-1-benzopyran-7-yl-b-D-glucuronide

[38482-82-5][428438-41-9] C<sub>21</sub>H<sub>21</sub>NaO<sub>9</sub> 440.38

ME07209

1mg	\$294.00
2mg	\$525.00
5mg	\$1050.00

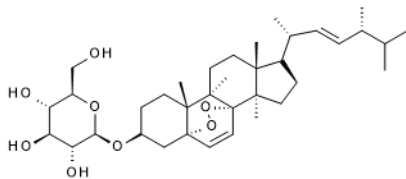


**Ergosterol peroxide glucoside**

[140447-22-9]

ME44382

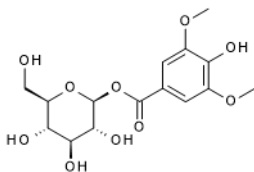
1mg	\$300.00
2mg	\$504.00
5mg	\$1015.00

**Erigeside C**

[112667-09-1]

ME44374

Price On Application

**D-erythro-2-Ketopentose**see *D-Ribulose - Aqueous solution, MR03858 on page 498***D-Erythronic acid gamma-lactone**see *D-Erythrono-1,4-lactone, ME00265 on page 237***L-Erythronic acid gamma-lactone**see *L-Erythrono-1,4-lactone, ME09551 on page 237***D-Erythrono-1,4-lactone**

- (2R,3R)-Butane-2,3,4-triol-1,4-lactone
- D-Erythronic acid gamma-lactone
- D-Erythronolactone

[15667-21-7] C<sub>4</sub>H<sub>6</sub>O<sub>4</sub> 118.09

ME00265

25g	\$50.00
50g	\$85.00
100g	\$115.00



Refs: Cohen H, et al, J. Am. Chem. Soc. 1983, 105, 3661

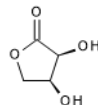
**D-Erythronolactone**see *D-Erythrono-1,4-lactone, ME00265 on page 237***L-Erythrono-1,4-lactone**

- L-Erythronic acid gamma-lactone

[23732-40-3] C<sub>4</sub>H<sub>6</sub>O<sub>4</sub> 118.09

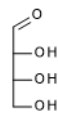
ME09551

100mg	\$150.00
250mg	\$275.00
500mg	\$475.00

**D-erythro-Pentonic acid, 2-deoxy-2-fluoro-2-methyl-, g-lactone, (2R)-**see *(3R,4R,5R)-3-Fluoro-4-hydroxy-5-(hydroxymethyl)-3-methylxolan-2-one, MF44944 on page 260***D-erythro-2-Pentulose**see *D-Ribulose - Aqueous solution, MR03858 on page 498***L-erythro-Pentulose**see *L-Ribulose, MR03777 on page 498***erythro-Pentulose 5-phosphate**see *D-Ribulose 5-phosphate sodium salt, MR45852 on page 498***D-Erythrose - min 75% purity as a 70% aq. solution**[583-50-6] C<sub>4</sub>H<sub>8</sub>O<sub>4</sub> 120.1

ME00138

1g	\$55.00
2g	\$100.00
5g	\$210.00



Refs: Benov L, Fridovich L, J. Biol. Chem. 1998, 273 (40), p25741-25744; Shah RH, J. Carbohydr. Chem. 1986, Vol5, No1, p139-146



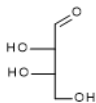
## Erythrose

## L-Erythrose

[533-49-3] C<sub>4</sub>H<sub>8</sub>O<sub>4</sub> 120.1

ME00260

100mg	\$100.00
300mg	\$210.00
500mg	\$265.00



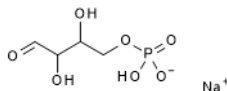
Refs: Rahman M, Takeshita K, Moshino H, Takada G, Izumori K, J. Biosci. Bioeng. 2001, 92, 237-241

## D-Erythrose 4-phosphate sodium salt

[103302-15-4] C<sub>4</sub>H<sub>8</sub>NaO<sub>7</sub>P 222.07

ME30636

1mg	\$75.00
2mg	\$90.00
5mg	\$138.00



## D-Erythrulose - Aqueous solution

[496-55-9] C<sub>4</sub>H<sub>8</sub>O<sub>4</sub> 120.1

ME07933

25mg	\$130.00
50mg	\$235.00
100mg	\$410.00



## L-Erythrulose

[533-50-6] C<sub>4</sub>H<sub>8</sub>O<sub>4</sub> 120.1

ME03102

100g	\$53.00
250g	\$90.00
500g	\$155.00



Refs: Rahman M, Takeshita K, Moshino H, Takada G, Izumori K, J. Biosci. Bioeng. 2001, 92, 237-241

## Esculetin-6-b-D-glucopyranoside

see Esculin monohydrate, ME08138 on page 238

## Esculetin-6-b-D-glucopyranoside

see Esculin sesquihydrate, ME10539 on page 238

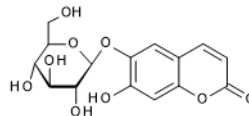
## Esculin monohydrate

- 6-(b-D-Glucopyranosyloxy)-7-hydroxycoumarin
- Esculetin-6-b-D-glucopyranoside

[531-75-9] C<sub>15</sub>H<sub>16</sub>O<sub>9</sub>·H<sub>2</sub>O 358.3

ME08138

10g	\$50.00
25g	\$85.00
50g	\$150.00



Refs: J. Appl. Spectrosc. 1974, 20, p122

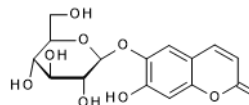
## Esculin sesquihydrate

- 6,7-Dihydroxycoumarin-6-glucopyranoside
- Esculetin-6-b-D-glucopyranoside

[66778-17-4] C<sub>15</sub>H<sub>16</sub>O<sub>9</sub>·1.5H<sub>2</sub>O 367.31

ME10539

10g	\$50.00
25g	\$85.00
50g	\$150.00



Refs: The Merck Index, 2001, 13th Ed, p3731

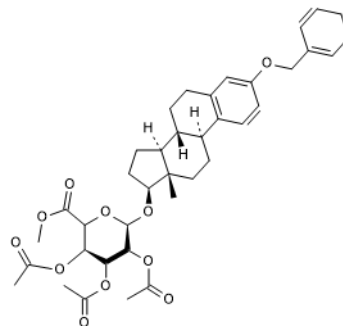
## 17b-Estradiol 3-O-benzyl 17-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester)

- 3-(Benzyloxy)estra-1,3,5(10)-trien-17b-yl-b-D-glucopyranosiduronic acid methyl ester triacetate
- 3-(Benzyloxy)-17b-(b-D-glucopyranuronosyloxy)-estra-1,3,5(10)-triene methyl ester triacetate

[14364-98-8] C<sub>38</sub>H<sub>46</sub>O<sub>11</sub> 678.77

ME16716

5mg	\$150.00
10mg	\$272.60
25mg	\$496.00



**b-Estradiol 17-(b-D-glucuronide) sodium salt**

- 1,3,5(10)-Estratriene-3,17b-diol 17-glucuronide
- 3,17b-Dihydroxy-1,3,5(10)-estratriene 17-glucuronide

[15087-02-2] C<sub>24</sub>H<sub>31</sub>O<sub>8</sub>Na 470.49

ME71652	5mg	\$150.00
	10mg	\$250.00
	25mg	\$450.00

**b-Estradiol 3-(b-D-glucuronide) sodium salt**

- 3,17b-Dihydroxy-1,3,5(10)-estratriene 3-glucuronide
- 1,3,5(10)-Estratriene-3,17b-diol 3-glucuronide

[14982-12-8] C<sub>24</sub>H<sub>31</sub>O<sub>8</sub>Na 470.49

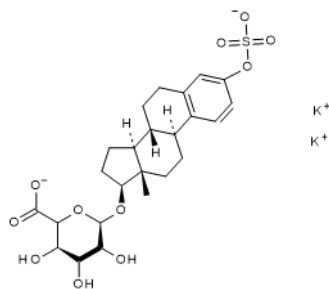
ME71653	1mg	\$145.00
	2mg	\$220.00
	5mg	\$425.00

**Estradiol 3-sulfate 17b-glucuronide dipotassium salt**

- (17b)-3-(Sulfooxy)estra-1,3,5(10)-trien-17-yl b-D-glucopyranosiduronic acid dipotassium salt

[10392-35-5] C<sub>24</sub>H<sub>32</sub>K<sub>2</sub>O<sub>11</sub>S 606.77

ME16717	1mg	\$127.00
	2mg	\$236.00
	5mg	\$475.00



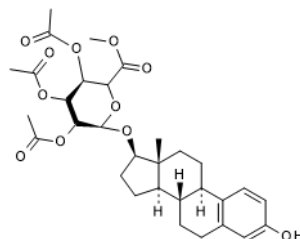
Refs: Gerk, P, et al, Drug Metab. Disposition, 32, 1139 (2004); Antignac, J, et al, Steroids, 70, 205 (2005)

**17b-Estradiol 17-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester)**

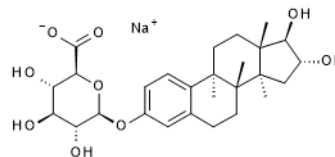
- (17b)-3-Hydroxyestra-1,3,5(10)-trien-17-yl-2,3,4-triacetate-b-D-glucopyranosiduronic acid methyl ester

[14364-66-0] C<sub>31</sub>H<sub>40</sub>O<sub>11</sub> 588.64

ME16715	2mg	\$139.90
	5mg	\$254.40
	10mg	\$462.50

**1,3,5(10)-Estratriene-3,17b-diol 17-glucuronide**see *b-Estradiol 17-(b-D-glucuronide) sodium salt, ME71652 on page 239***1,3,5(10)-Estratriene-3,17b-diol 3-glucuronide**see *b-Estradiol 3-(b-D-glucuronide) sodium salt, ME71653 on page 239***Estriol 3-O-b-D-glucuronide sodium salt**[15087-06-6] C<sub>24</sub>H<sub>31</sub>NaO<sub>9</sub> 486.49

ME44405	1mg	\$96.00
	2mg	\$156.00
	5mg	\$305.00

**Estrone D5 b-D-glucuronide**

ME45908

Price On Application



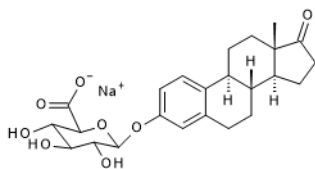
**Estroneglucu****Estrone b-D-glucuronide sodium salt**

• E3G

[15087-01-1] C<sub>24</sub>H<sub>29</sub>O<sub>8</sub>·Na 468.47

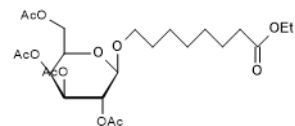
ME11970

5mg	\$85.00
10mg	\$150.00
25mg	\$325.00

**(8-Ethoxycarbonyloctyl)-2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside**C<sub>24</sub>H<sub>38</sub>O<sub>12</sub> 518.55

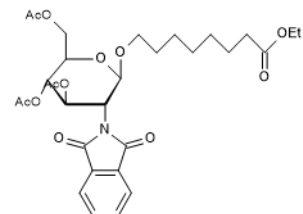
ME05153

250mg	\$262.50
500mg	\$420.00
1g	\$630.00

**(8-Ethoxycarbonyloctyl)-3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside**[106445-23-2] C<sub>30</sub>H<sub>39</sub>NO<sub>12</sub> 605.63

ME05154

50mg	\$157.50
100mg	\$263.00
250mg	\$525.00



Refs: Lee H-H, et al, Can. J. Chem. 1986, 64, 1912

**(3S)-2-[(2S)-2-[[[(1S)-1-(Ethoxycarbonyl)-3-phenyl-D5-propyl]amino]-1-oxopropyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylate b-D-glucopyranuronic acid**see *Moexipril acyl-b-D-glucuronide*, MM07214 on page 431**6-Ethoxygeniposide**

ME44366

Price On Application

**6-Ethoxygeniposide**

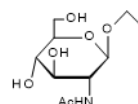
ME44397

Price On Application

**Ethyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[2495-96-7] C<sub>10</sub>H<sub>19</sub>NO<sub>6</sub> 249.26

ME01795

200mg	\$42.00
500mg	\$80.00
1g	\$157.50

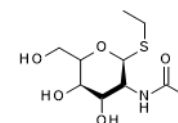
**Ethyl 2-acetamido-2-deoxy-b-D-thiogalactopyranoside**

• Mercaptoethyl 2-(acetylamino)-2-deoxy-b-D-galactopyranoside

[95074-13-8] C<sub>10</sub>H<sub>19</sub>NO<sub>5</sub>S 265.33

ME16780

25mg	\$140.00
50mg	\$254.50
100mg	\$462.00

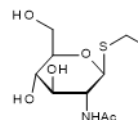


Refs: Wolfrom, M.L, et al, J. Am. Chem. Soc, 81, 3474 (1959)

**Ethyl 2-acetamido-2-deoxy-b-D-thioglucopyranoside**[122331-70-8] C<sub>10</sub>H<sub>19</sub>NO<sub>5</sub>S 265.33

ME11163

10mg	\$40.00
25mg	\$87.50
50mg	\$150.00

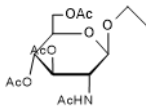




**Ethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[76155-50-5] C<sub>16</sub>H<sub>25</sub>NO<sub>9</sub> 375.37

ME02465

200mg	\$42.00
500mg	\$105.00
1g	\$157.50

**Ethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-thiogalactopyranoside**

ME31784

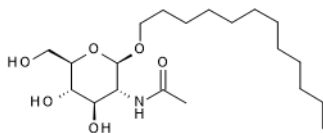
Price On Application

**Ethyl-2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-thioglucopyranoside**

[49810-41-5]

ME44361

Price On Application

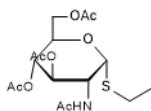
**Ethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-thioglucopyranoside**

• Ethyl 3,4,6-tri-O-acetyl-2-acetamido-2-deoxy-a-D-thioglucopyranoside

C<sub>16</sub>H<sub>25</sub>NO<sub>8</sub>S 391.44

ME04735

1g	\$89.30
2g	\$168.00
5g	\$315.00

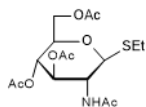


Refs: Peter T, et al, Liebigs Ann. Chem. 1991, p237

**Ethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-thioglucopyranoside**[4239-72-9] C<sub>16</sub>H<sub>25</sub>NO<sub>8</sub>S 391.44

ME30246

250mg	\$52.50
500mg	\$95.00
1g	\$157.50

**Ethyl 4-O-acetyl-3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-thioglucopyranoside**

[138730-66-2]

ME04304

10g	\$3900.00
25g	\$5625.00
50g	\$7000.00

**Ethyl 3-O-allyl-2-O-benzyl-4,6-O-benzylidene-b-D-thiogalactopyranoside**

ME63344

1g	\$950.00
2g	\$1300.00
5g	\$1975.00

**Ethyl 3-O-allyl-4,6-O-benzylidene-2-O-levulinoyl-b-D-thioglucopyranoside**

ME63346

10g	\$3500.00
25g	\$5250.00

**Ethyl 3-O-allyl-4,6-O-benzylidene-b-D-thiogalactopyranoside**

ME63374

Price On Application

**Ethyl 3-O-allyl-4-O-benzyl-2-O-(2-naphthylmethyl)-b-D-thioglucuronide benzyl ester**

ME63345

Price On Application



## Ethylallyldi

## Ethyl 4-O-allyl-3,6-di-O-benzyl-2-O-levulinoyl-b-D-thioglucopyranoside

ME63349

Price On Application



## Ethyl 3-O-allyl-4-O-levulinoyl-2-O-(2-naphthylmethyl)-b-D-thioglucuronide benzyl ester

ME63364

Price On Application



## Ethyl 2-amino-2-deoxy-b-D-glucopyranoside HCl

[6835-60-5]

ME05646

Price On Application

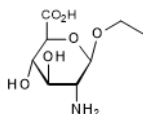


## Ethyl 2-amino-b-D-glucuronide

C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

ME08246

Price On Application

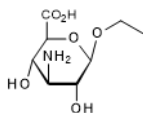


## Ethyl 3-amino-b-D-glucuronide

C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

ME08247

Price On Application

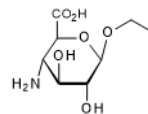


## Ethyl 4-amino-b-D-glucuronide

C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub> 221.21

ME08248

Price On Application

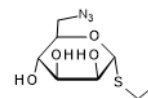


## Ethyl 6-azido-6-deoxy-a-D-thiomannopyranoside

C<sub>8</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub>S 249.29

ME06593

Price On Application

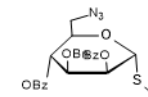


## Ethyl 6-azido-2,4-di-O-benzoyl-3-O-benzyl-6-deoxy-a-D-thiomannopyranoside

C<sub>29</sub>H<sub>29</sub>N<sub>3</sub>O<sub>6</sub>S 547.62

ME06403

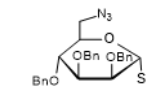
Price On Application



## Ethyl 6-azido-2,3,4-tri-O-benzyl-6-deoxy-a-D-thiomannopyranoside

C<sub>29</sub>H<sub>33</sub>N<sub>3</sub>O<sub>4</sub>S 519.66

ME06216

250mg  
500mg  
1g\$1050.00  
\$1575.00  
\$2940.00

## Ethyl 2-O-benzoyl-3-O-benzyl-4,6-O-benzylidene-b-D-thioglucopyranoside

ME76617

1g \$500.00  
2g \$700.00  
5g \$1250.00

**Ethyl 2-O-benzoyl-3-O-benzyl-4-O-Fmoc-b-D-thioglucopyranoside**

ME74777

Price On Application

**Ethyl 2-O-benzoyl-4,6-di-O-benzyl-3-Fmoc-b-D-thiogalactopyranoside**

[1042374-62-8][1683572-16-8]

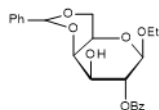
ME74772

Price On Application

**Ethyl 2-O-benzoyl-4,6-O-benzylidene-b-D-galactopyranoside**C<sub>22</sub>H<sub>24</sub>O<sub>7</sub> 400.43

ME05403

10g	\$65.00
25g	\$125.00
50g	\$225.00

**Ethyl 2-O-benzoyl-3,6-di-O-benzyl-4-O-Fmoc-b-D-thioglucopyranoside**

[1416144-50-7]

ME74778

Price On Application

**Ethyl 2-O-benzoyl-4,6-O-benzylidene-D-thiomannopyranoside**

• Ethyl 4,6-O-(phenylmethylene)-1-thio-D-Mannopyranoside 2-benzoate

[153062-23-8] C<sub>22</sub>H<sub>24</sub>O<sub>6</sub>S 416.49

ME143917

Price On Application

**Ethyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-2-N-phthalamido-a-D-thioglucopyranoside**

• b-D-Glucopyranoside, ethyl 2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-3-O-(phenylmethyl)-4,6-O-[(R)-phenylmethylene]-1-

[123212-53-3]

ME46482

25g	\$1000.00
50g	\$1500.00
100g	\$2000.00

**Ethyl 2-O-benzoyl-3-O-benzyl-4-O-levulinoyl-b-D-thioglucopyranoside**

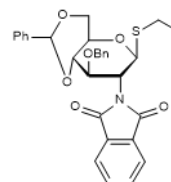
ME74776

Price On Application

**Ethyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-2-N-phthalimido-b-D-thioglucopyranoside**C<sub>30</sub>H<sub>29</sub>NO<sub>6</sub>S 531.62

ME08389

500mg	\$160.00
1g	\$295.00
2g	\$530.00

**Ethyl 2-O-benzoyl-4-O-benzyl-3-O-levulinoyl-b-D-thioglucuronide methyl ester**

ME63341

Price On Application



## Ethylbenzylb

## Ethyl 3-O-benzyl-4,6-O-benzylidene-2-O-levulinoyl-b-D-thioglucopyranoside

[889129-00-4] C<sub>27</sub>H<sub>32</sub>O<sub>7</sub>S 500.6

ME76448

100mg	\$75.00
250mg	\$125.00
500mg	\$225.00



## Ethyl 6-O-benzyl-2-deoxy-4-O-Fmoc-3-O-levulinoyl-2-trichloroacetamido-b-D-thioglucopyranoside

[1416144-22-3][1416144-54-1]

ME74773

Price On Application



## Ethyl 3-O-benzyl-4,6-O-benzylidene-b-D-thiogalactopyranoside

ME63373

Price On Application

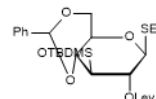


## Ethyl 4,6-O-benzylidene-3-O-tert-butylidimethylsilyl-2-O-levulinoyl-b-D-thioglucopyranoside

C<sub>26</sub>H<sub>40</sub>O<sub>7</sub>SSi 524.74

ME10989

250mg	\$100.00
500mg	\$190.00
1g	\$399.00



## Ethyl 2-O-benzyl-4,6-O-benzylidene-b-D-thioglucopyranoside

ME138970

Price On Application

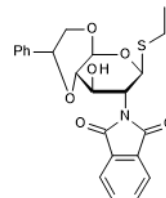


## Ethyl 4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-thioglucopyranoside

[129519-28-4] C<sub>23</sub>H<sub>23</sub>NO<sub>6</sub>S 441.5

ME04327

500mg	\$135.00
1g	\$262.50
2g	\$420.00



## Ethyl 3-O-benzyl-4,6-O-benzylidene-b-D-thioglucopyranoside

ME76616

1g	\$500.00
2g	\$700.00
5g	\$1250.00

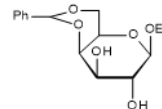


## Ethyl 4,6-O-benzylidene-b-D-galactopyranoside

[101833-22-1] C<sub>15</sub>H<sub>20</sub>O<sub>6</sub> 296.32

ME05379

500mg	\$55.00
1g	\$99.80
2g	\$189.00



## Ethyl 3-O-benzyl-4,6-O-benzylidene-D-thiomannopyranoside

[173935-67-6][153062-19-2] C<sub>22</sub>H<sub>26</sub>O<sub>6</sub>S 402.5

ME143919

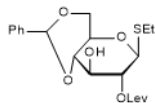
Price On Application



**Ethyl 4,6-O-benzylidene-2-O-levulinoyl-b-D-thioglucopyranoside**C<sub>20</sub>H<sub>26</sub>O<sub>7</sub>S 410.48

ME10912

100mg	\$105.00
250mg	\$237.50
500mg	\$370.00

**Ethyl 4,6-O-benzylidene-1-thio-b-D-galactopyranoside**

see Ethyl 4,6-O-benzylidene-b-D-thiogalactopyranoside, ME02565 on page 245

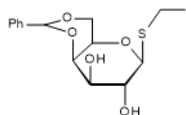
**Ethyl 4,6-O-benzylidene-b-D-thiogalactopyranoside**

• Ethyl 4,6-O-benzylidene-1-thio-b-D-galactopyranoside

[56119-28-9] C<sub>15</sub>H<sub>20</sub>O<sub>5</sub>S 312.39

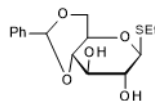
ME02565

500mg	\$115.00
1g	\$195.00
2g	\$300.00

**Ethyl 4,6-O-benzylidene-b-D-thioglucopyranoside**[20701-61-5] C<sub>15</sub>H<sub>20</sub>O<sub>5</sub>S 312.38

ME08335

1g	\$95.00
2g	\$150.00
5g	\$275.00

**Ethyl 4,6-O-benzylidene-D-thiomannopyranoside**[142924-31-0][153062-17-0] C<sub>15</sub>H<sub>20</sub>O<sub>5</sub>S 312.38

ME143916

Price On Application

**Ethyl 2-O-benzyl-b-D-thioglucopyranoside**

ME138969

Price On Application

**Ethyl 3-O-benzyl-b-D-thioglucopyranoside**

ME63350

10g	\$1950.00
25g	\$3500.00
50g	\$4750.00

**Ethyl (S)-3-(tert-butyldimethylsiloxy)glutarate**[957509-27-2] C<sub>13</sub>H<sub>26</sub>O<sub>5</sub>Si 290.43

ME63234

Price On Application

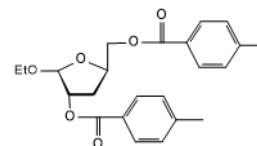
**Ethyl 3-deoxy-2,5-di-O-toluoyl-L-threo-pentofuranoside**

• Ethyl 3-deoxy-2,5-di-O-toluoyl-L-threo-pentofuranoside

C<sub>23</sub>H<sub>26</sub>O<sub>6</sub> 398.45

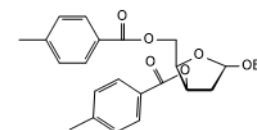
ME05698

Price On Application

**Ethyl 2-deoxy-3,5-di-O-toluoyl-D-xylofuranoside**C<sub>23</sub>H<sub>26</sub>O<sub>6</sub> 398.45

ME04109

Price On Application



**Ethyldeoxyfl****Ethyl 2-deoxy-2-fluoro-L-thiofucopyranoside**

ME11063

Price On Application

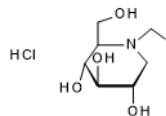
**N-Ethyldeoxynojirimycin HCl**

• 1,5-Dideoxy-N-ethyl-1,5-imino-D-glucitol HCl

[210241-65-9] C<sub>8</sub>H<sub>17</sub>NO<sub>4</sub>·HCl 227.69

ME05155

5mg	\$115.50
10mg	\$210.00
25mg	\$472.50



Refs: Fleet GW, et al, FEBBS Lett. 1988, 237, 1-2, p128; Wisselaar, H, et al, J. Biol. Chem, 268, 2223 (1993); Andersson, U, et al, Biochem. Pharmacol, 67, 697

**Ethyl 2-deoxy-2-phthalimido-b-D-thioglucofucopyranoside**

[130539-43-4]

ME04326

Price On Application

**Ethyl 2-deoxy-1-thio-2-[(trichloroacetyl)amino]-b-D-glucofucopyranoside**see *Ethyl 2-deoxy-2-[(trichloroacetyl)amino]-b-D-thioglucofucopyranoside*, ME45369 on page 246**Ethyl 2-deoxy-2-trichloroacetamido-b-D-thioglucofucopyranoside**

ME76450

Price On Application

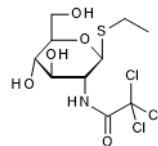
**Ethyl 2-deoxy-2-[(trichloroacetyl)amino]-b-D-thioglucofucopyranoside**

• Ethyl 2-deoxy-1-thio-2-[(trichloroacetyl)amino]-b-D-glucofucopyranoside

[635684-80-9] C<sub>10</sub>H<sub>16</sub>Cl<sub>3</sub>NO<sub>5</sub>S 368.66

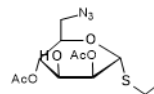
ME45369

Price On Application

**Ethyl 6-deoxy-2,3,4-tris-O-(phenylmethyl)-1-thio-L-galactopyranoside**see *Ethyl 2,3,4-tri-O-benzyl-L-thiofucopyranoside*, ME16720 on page 255**Ethyl 2,4-di-O-acetyl-6-azido-6-deoxy-a-D-thiomannopyranoside**C<sub>12</sub>H<sub>19</sub>N<sub>3</sub>O<sub>6</sub>S 333.36

ME06217

Price On Application

**Ethyl 3,4-di-O-acetyl-2-O-benzyl-1-thio-a-L-fucofucopyranoside**

ME138971

Price On Application

**Ethyl 3,4-di-O-acetyl-2-O-benzyl-1-thio-b-L-fucofucopyranoside**

[254444-59-2]

ME74883

Price On Application



## Ethyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-thiogalactopyranoside

[56119-30-3] C<sub>29</sub>H<sub>28</sub>O<sub>7</sub>S 520.59

ME15728

1g	\$95.00
2g	\$170.00
5g	\$300.00



## Ethyl 2,3-di-O-benzyl-4,6-O-benzylidene-b-D-thiogalactopyranoside

ME15727

Price On Application



## Ethyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-thiogalactopyranoside - non-animal origin

ME157360

Price On Application

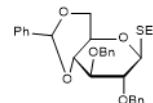


## Ethyl 2,3-di-O-benzyl-4,6-O-benzylidene-b-D-thioglucofuranoside

[141263-01-6] C<sub>29</sub>H<sub>32</sub>O<sub>5</sub>S 492.63

ME10052

1g	\$150.00
2g	\$250.00
5g	\$425.00



## Ethyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-thioglucofuranoside

C<sub>29</sub>H<sub>28</sub>O<sub>7</sub>S 520.59

ME63317

1g	\$150.00
2g	\$250.00
5g	\$475.00

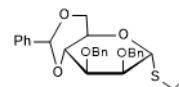


## Ethyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside

[218937-71-4] C<sub>29</sub>H<sub>32</sub>O<sub>5</sub>S 492.63

ME06715

Price On Application



Refs: Crich D, Sanxing S, Tetrahedron 1998, 54, 8321

## Ethyl 2,3-di-O-benzoyl-b-D-thiogalactopyranoside

[154391-05-6]

ME04314

Price On Application



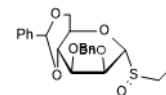
## Ethyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside S-oxide

• 2,3-Di-O-benzyl-4,6-O-benzylidene 1-deoxy-1-(ethylsulfanyl)-a-D-mannopyranoside

[188357-34-8] C<sub>29</sub>H<sub>32</sub>O<sub>6</sub>S 508.63

ME04522

250mg	\$100.00
500mg	\$150.00
1g	\$250.00



Refs: Crich D, Sanxing S, Tetrahedron 1998, 54, 8321

## Ethyl-3,6-di-O-benzoyl-2-trifluoromethanesulfonyl-4-O-(2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl)-b-D-mannopyranoside

[1008750-65-9] C<sub>37</sub>H<sub>41</sub>F<sub>3</sub>O<sub>19</sub>S 878.77

ME30735

Price On Application



## Ethyl 3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-thioglucofuranoside

ME59547

100mg	\$170.00
250mg	\$375.00
500mg	\$650.00



## Ethylidibenzyl

## Ethyl 3,6-di-O-benzyl-2-deoxy-2-N-phthalamido-b-D-thioglucopyranoside

[115533-35-2] C<sub>30</sub>H<sub>31</sub>NO<sub>6</sub>S 533.64

ME46496

25mg	\$75.00
50mg	\$125.00
100mg	\$195.00



## Ethyl 3,4-di-O-benzyl-2-O-levulinoyl-b-D-thioglucuronide benzyl ester

ME63348

Price On Application

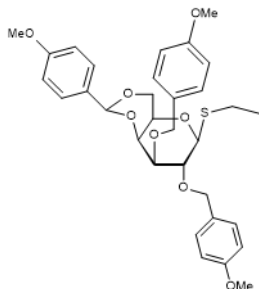


## Ethyl 2,3-di-O-(4-methoxybenzyl)-4,6-O-(4-methoxybenzylidene)-b-D-thiogalactopyranoside

C<sub>32</sub>H<sub>38</sub>O<sub>8</sub>S 582.7

ME07198

50mg	\$89.50
100mg	\$168.00
250mg	\$315.00

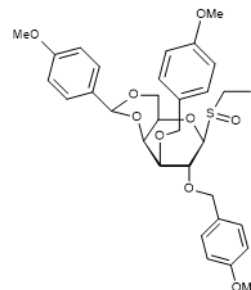


## Ethyl 2,3-di-O-(4-methoxybenzyl)-4,6-O-(4-methoxybenzylidene)-b-D-thiogalactopyranoside S-oxide

C<sub>32</sub>H<sub>38</sub>O<sub>9</sub>S 598.72

ME07498

50mg	\$94.50
100mg	\$184.00
250mg	\$315.00



## Ethyl a-D-fructofuranoside

[81024-99-9] C<sub>8</sub>H<sub>16</sub>O<sub>6</sub> 208.21

ME30184

Price On Application



## Ethyl b-D-fructofuranoside

[1820-84-4] C<sub>8</sub>H<sub>16</sub>O<sub>6</sub> 208.21

ME15654

100mg	\$333.00
250mg	\$810.00
500mg	\$1555.00



## Ethyl b-D-fructopyranoside

[53431-77-9] C<sub>8</sub>H<sub>16</sub>O<sub>6</sub> 208.21

ME153351

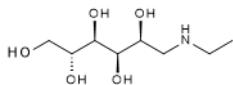
Price On Application



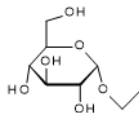


**N-Ethyl glucamine**[14216-22-9] C<sub>9</sub>H<sub>19</sub>NO<sub>5</sub> 221.25

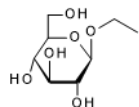
ME44353

250g \$60.00  
500g \$100.00  
1Kg \$180.00**Ethyl α-D-glucopyranoside**[34625-23-5] C<sub>8</sub>H<sub>16</sub>O<sub>6</sub> 208.21

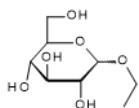
ME08383

500mg \$80.00  
1g \$126.00  
2g \$210.00**Ethyl β-D-glucopyranoside**C<sub>8</sub>H<sub>16</sub>O<sub>6</sub> 208.21

ME08168

500mg \$95.00  
1g \$162.80  
2g \$273.00**Ethyl D-glucopyranoside**[3198-49-0] C<sub>8</sub>H<sub>16</sub>O<sub>6</sub> 208.21

ME11961

1mg \$78.80  
2mg \$136.50  
5mg \$315.00**2H3Ethyl-b-D-glucuronide**see *d3-Ethyl b-D-glucuronide*, ME29306 on page 249**d3-Ethyl b-D-glucuronide**

• 2H3Ethyl-b-D-glucuronide

[17685-04-0] C<sub>8</sub>H<sub>11</sub>D<sub>3</sub>O<sub>7</sub> 225.21

ME29306

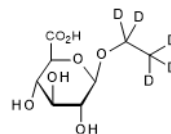
5mg \$2100.00

**d5-Ethyl-b-D-6-glucuronide**see *d5-Ethyl b-D-glucuronide*, ME07199 on page 249**d5-Ethyl b-D-glucuronide**

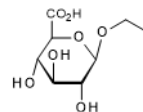
• d5-Ethyl-b-D-6-glucuronide

C<sub>8</sub>H<sub>6</sub>D<sub>5</sub>O<sub>7</sub> 227.22

ME07199

1mg \$210.00  
2mg \$367.50  
5mg \$630.00**Ethyl b-D-glucuronide**[17685-04-0] C<sub>8</sub>H<sub>14</sub>O<sub>7</sub> 222.19

ME07200

1mg \$55.00  
2mg \$80.00  
5mg \$160.00Refs: Jurado C, Soriano T, Giménez MP, Menéndez M,  
, Forensic Sci. Int. 2004, 145, 3, p161**2-Ethylhexyl-D-xylopyranoside**[185699-11-0] C<sub>13</sub>H<sub>26</sub>O<sub>5</sub> 262.34

ME59470

1g \$1200.00  
2g \$1500.00  
5g \$1875.00

## Ethylhydroxy

7-Ethyl-10-hydroxy-camptothecin-10-O- $\beta$ -D-glucuronidesee *SN-38 glucuronide, MS16856 on page 505*

## 2,4-O-Ethylidene-D-erythrose

C<sub>8</sub>H<sub>10</sub>O<sub>4</sub> 146.14

ME66436

50mg	\$55.00
100mg	\$88.00
250mg	\$175.00

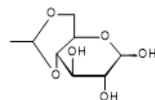


## 4,6-O-Ethylidene-D-glucopyranose

[13224-99-2][18465-50-4] C<sub>8</sub>H<sub>14</sub>O<sub>6</sub> 206.19

ME05032

10g	\$60.00
25g	\$100.00
50g	\$150.00

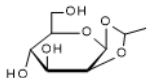


Refs: Mueckler M, Weng W, Kruse M, J. Biol. Chem. 1994, Vol269, Issue 32, 20533-20538 08

1,2-O-Ethylidene  $\beta$ -D-mannopyranose[230953-16-9] C<sub>8</sub>H<sub>14</sub>O<sub>6</sub> 206.2

ME04508

250mg	\$92.50
500mg	\$160.00
1g	\$315.00

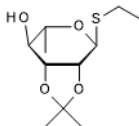


Refs: Kong F, Curr. Org. Chem. 2003, 7,9, p841

Ethyl 2,3-O-isopropylidene- $\alpha$ -L-thiorhamnopyranoside[145124-97-6] C<sub>11</sub>H<sub>20</sub>O<sub>4</sub>S 248.34

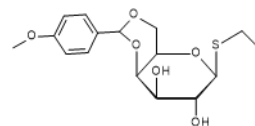
ME08334

Price On Application

Ethyl 4,6-O-(4-methoxybenzylidene)- $\beta$ -D-thiogalactopyranosideC<sub>18</sub>H<sub>22</sub>O<sub>6</sub>S 342.41

ME06773

250mg	\$92.50
500mg	\$160.00
1g	\$315.00

O-Ethyl S-[methyl (5-acetamido-4,7,8,9-tetra-O-acetyl-3,5-dideoxy-2-thio- $\beta$ -D-glycero- $\alpha$ -D-galacto-2-nonulopyranoside)onate] dithiocarbonate

ME07643

Price On Application



## Ethyl 4,6-O-(phenylmethylene)-1-thio-D-Mannopyranoside 2-benzoate

see *Ethyl 2-O-benzoyl-4,6-O-benzylidene-D-thiomannopyranoside, ME143917 on page 243*Ethyl  $\beta$ -D-ribo-hex-3-ulopyranoside

[104953-08-4]

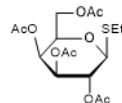
ME15653

Price On Application

Ethyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-galactopyranosideC<sub>18</sub>H<sub>24</sub>O<sub>10</sub> 376.36

ME08391

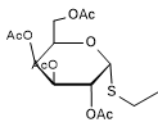
1g	\$95.00
2g	\$150.00
5g	\$250.00

1-S-Ethyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-thiogalactopyranosidesee *Ethyl 2,3,4,6-tetra-O-acetyl-beta-D-thiogalactopyranoside, ME04942 on page 251*

Ethyl 2,3,4,6-tetra-O-acetyl- $\alpha$ -D-thiogalactopyranoside[126187-25-5] C<sub>16</sub>H<sub>24</sub>O<sub>9</sub>S 392.42

ME04951

1g	\$75.00
2g	\$130.00
5g	\$250.00

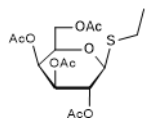


Refs: Peter T, et al, Liebigs Ann. Chem 1937, p237

Ethyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-thiogalactopyranoside• 1-S-Ethyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-thiogalactopyranoside[55722-49-1] C<sub>16</sub>H<sub>24</sub>O<sub>9</sub>S 392.42

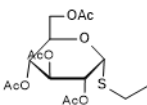
ME04942

2g	\$80.00
5g	\$175.00
10g	\$300.00

Ethyl 2,3,4,6-tetra-O-acetyl- $\alpha$ -D-thioglucopyranoside[41670-79-5] C<sub>16</sub>H<sub>24</sub>O<sub>9</sub>S 392.42

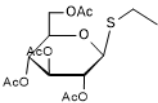
ME04728

1g	\$95.00
2g	\$175.00
5g	\$345.00

Ethyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-thioglucopyranoside[52645-73-5] C<sub>16</sub>H<sub>24</sub>O<sub>9</sub>S 392.5

ME01917

1g	\$60.00
2g	\$100.00
5g	\$210.00

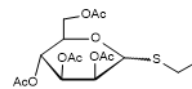


Refs: Peter T, et al, Liebigs Ann. Chem. 1991, p237

Ethyl 2,3,4,6-tetra-O-acetyl-D-thiomannopyranoside - min 80%  $\alpha$ -anomer[79389-52-9] C<sub>16</sub>H<sub>24</sub>O<sub>9</sub>S 392.42

ME04729

1g	\$65.00
2g	\$110.00
5g	\$195.00



Refs: Peter T, et al, Liebigs Ann. Chem. 1991, p237

Ethyl 2,3,4,6-tetra-O-benzoyl- $\beta$ -D-thiogalactopyranoside

[138661-53-7]

ME02191

10g	\$750.00
25g	\$1450.00
50g	\$2250.00

Ethyl 2,3,4,6-tetra-O-benzyl- $\beta$ -D-galactopyranoside

Price On Application

ME01744

Ethyl 2,3,4,6-tetra-O-benzyl- $\beta$ -D-thiogalactopyranoside[125411-99-6] C<sub>36</sub>H<sub>40</sub>O<sub>5</sub>S 584.77

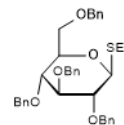
ME05429

1g	\$55.00
2g	\$90.00
5g	\$165.00

Ethyl 2,3,4,6-tetra-O-benzyl- $\beta$ -D-thioglucopyranoside[108739-67-9] C<sub>36</sub>H<sub>40</sub>O<sub>5</sub>S 584.77

ME10323

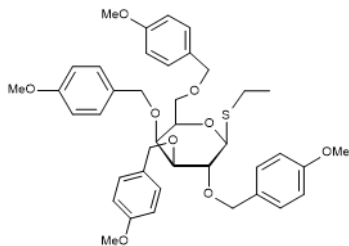
100mg	\$50.00
250mg	\$70.00
500mg	\$100.00



**Ethyltetrame****Ethyl 2,3,4,6-tetra-O-(4-methoxybenzyl)-b-D-thiogalactopyranoside**C<sub>40</sub>H<sub>48</sub>O<sub>9</sub>S 704.87

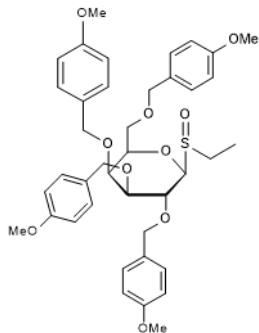
ME04733

500mg	\$95.00
1g	\$168.00
2g	\$315.00

**Ethyl 2,3,4,6-tetra-O-(4-methoxybenzyl)-b-D-thiogalactopyranoside S-oxide**C<sub>40</sub>H<sub>48</sub>O<sub>10</sub>S 720.87

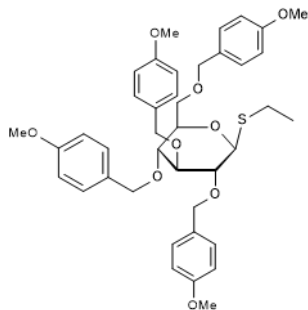
ME01947

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

**Ethyl 2,3,4,6-tetra-O-(4-methoxybenzyl)-b-D-thioglucopyranoside**C<sub>40</sub>H<sub>48</sub>O<sub>9</sub>S 704.87

ME04509

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

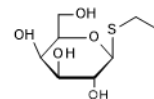
**Ethyl 1-thio-a-D-mannopyranoside 2,4,6-triacetate**see *Ethyl 2,4,6-tri-O-acetyl-a-D-thiomannopyranoside*, ME06215 on page 254**Ethyl 1-thio-D-galactopyranoside**see *Ethyl b-D-thiogalactopyranoside*, ME02027 on page 252**Ethyl b-D-thiogalactopyranoside**

• Ethyl 1-thio-D-galactopyranoside

[56245-60-4] C<sub>8</sub>H<sub>16</sub>O<sub>5</sub>S 224.28

ME02027

10g	\$57.80
25g	\$105.00
50g	\$157.50

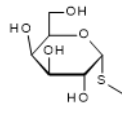
**Ethyl-b-D-thiogalactopyranoside 2,4,6-tribenzoate**see *Ethyl 2,4,6-tri-O-benzoyl-b-D-thiogalactopyranoside*, ME08784 on page 254**Ethyl a-D-thioglucopyranoside**

• Ethyl a-thioglucopyranoside

[13533-58-9] C<sub>8</sub>H<sub>16</sub>O<sub>5</sub>S 224.28

ME07148

1g	\$577.50
2g	\$913.50
5g	\$1968.80

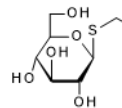


Refs: Komba, S, et al, Bioorg. Med. Chem, 4, 1833 (1996); Bertozzi, C, et al, Science, 291, 2357 (2001); Davis, B, et al, Chem. Rev, 102, 579 (2002)

**Ethyl a-thioglucopyranoside**see *Ethyl a-D-thioglucopyranoside*, ME07148 on page 252**Ethyl b-D-thioglucopyranoside**[7473-36-1] C<sub>8</sub>H<sub>16</sub>O<sub>5</sub>S 224.28

ME07196

1g	\$70.00
2g	\$130.00
5g	\$275.00



Refs: Fried J. et.al, JACS, 1949, 71, p140



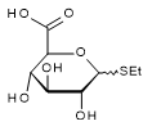
**Ethyl 1-thio-b-D-glucopyranosiduronic acid methyl ester tribenzoate**

see Ethyl 2,3,4-tri-O-benzoyl-b-D-thioglucopyranosiduronic acid methyl ester, ME16719 on page 254

**Ethyl D-thioglucuronide**[755710-39-5] C<sub>8</sub>H<sub>14</sub>O<sub>6</sub>S 238.26

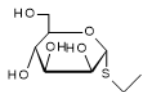
ME10057

50mg	\$115.50
100mg	\$210.00
250mg	\$447.50

**Ethyl α-D-thiomannopyranoside**[128946-17-8] C<sub>8</sub>H<sub>16</sub>O<sub>5</sub>S 224.28

ME06208

Price On Application

**Ethyl α-L-thiorhamnopyranoside**

ME63322

5g	\$1200.00
10g	\$1750.00
25g	\$2500.00

**Ethyl β-D-thioxylopyranoside**

[2595-46-2]

ME74881

5g	\$575.00
10g	\$975.00
25g	\$1625.00

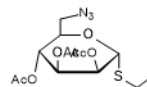
**Ethyl 3,4,6-tri-O-acetyl-2-acetamido-2-deoxy-α-D-thioglucopyranoside**

see Ethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-α-D-thioglucopyranoside, ME04735 on page 241

**Ethyl 2,3,4-tri-O-acetyl-6-azido-6-deoxy-α-D-thiomannopyranoside**C<sub>14</sub>H<sub>21</sub>N<sub>3</sub>O<sub>7</sub>S 375.4

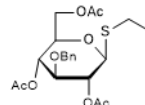
ME05096

10mg	\$89.30
25mg	\$157.50
50mg	\$262.50

**Ethyl 2,4,6-tri-O-acetyl-3-O-benzyl-β-D-thioglucopyranoside**C<sub>21</sub>H<sub>28</sub>O<sub>8</sub>S 440.51

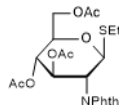
ME08386

500mg	\$185.00
1g	\$315.00
2g	\$420.00

**Ethyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-β-D-thioglucopyranoside**[99409-32-2] C<sub>22</sub>H<sub>25</sub>NO<sub>8</sub>S 479.5

ME04297

500mg	\$135.00
1g	\$240.00
2g	\$410.00

**Ethyl-β-D-triacetyl glucuronic acid methyl ester**

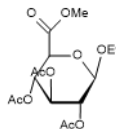
ME12318

Price On Application

**Ethyl 2,3,4-tri-O-acetyl-β-D-glucuronide methyl ester**[77392-66-6] C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

ME07195

10mg	\$94.50
25mg	\$210.00
50mg	\$367.50

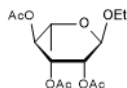


## Ethyliacet

Ethyl 2,3,4-tri-O-acetyl- $\alpha$ -L-rhamnopyranosideC<sub>14</sub>H<sub>22</sub>O<sub>8</sub> 318.32

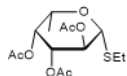
ME08392

500mg	\$80.00
1g	\$131.30
2g	\$210.00

Ethyl 2,3,4-tri-O-acetyl- $\beta$ -L-thiofucopyranoside[127501-41-1] C<sub>14</sub>H<sub>22</sub>O<sub>7</sub>S 334.39

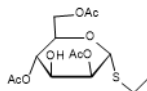
ME00472

1g	\$68.30
2g	\$115.50
5g	\$236.30

Ethyl 2,4,6-tri-O-acetyl- $\alpha$ -D-thiomannopyranoside• Ethyl 1-thio- $\alpha$ -D-mannopyranoside 2,4,6-triacetate[1637783-63-1] C<sub>14</sub>H<sub>22</sub>O<sub>8</sub>S 350.39

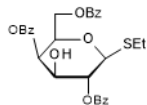
ME06215

10mg	\$90.00
25mg	\$160.00
50mg	\$265.00

Ethyl 2,4,6-tri-O-benzoyl- $\beta$ -D-thiogalactopyranoside• Ethyl- $\beta$ -D-thiogalactopyranoside 2,4,6-tribenzoate[1423018-01-2] C<sub>29</sub>H<sub>28</sub>O<sub>8</sub>S 536.59

ME08784

1g	\$63.00
2g	\$105.00
5g	\$157.50

Ethyl 2,3,6-tri-O-benzoyl- $\beta$ -D-thioglucofuranoside

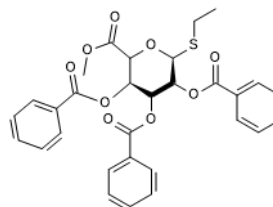
ME31094

2g	\$945.00
5g	\$1312.50
10g	\$2940.00

Ethyl 2,3,4-tri-O-benzoyl- $\beta$ -D-thioglucofuranosiduronic acid methyl ester• Ethyl 1-thio- $\beta$ -D-glucopyranosiduronic acid methyl ester tribenzoate[302965-09-9] C<sub>30</sub>H<sub>28</sub>O<sub>9</sub>S 564.6

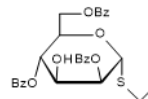
ME16719

50mg	\$140.00
100mg	\$255.00
250mg	\$462.50

Ethyl 2,4,6-tri-O-benzoyl- $\alpha$ -D-thiomannopyranosideC<sub>29</sub>H<sub>28</sub>O<sub>8</sub>S 536.59

ME06590

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50

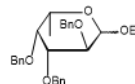


## Ethyl 2,3,4-tri-O-benzyl-L-fucopyranoside

C<sub>29</sub>H<sub>34</sub>O<sub>5</sub> 462.58

ME06775

1g	\$189.00
5g	\$420.00
10g	\$735.00



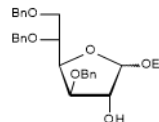
## Ethyl 3,5,6-tri-O-benzyl-D-glucofuranoside

• Tribenoside

[10310-32-4] C<sub>29</sub>H<sub>34</sub>O<sub>6</sub> 478.58

ME02540

5g	\$94.50
10g	\$157.50
25g	\$289.00

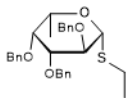


Refs: Di Rosa M, Arch. Int. Pharmacodyn. Ther. 1968, May 173(1), 162-72; Kubicsek T, Kazy Z, Czeizel AE, Reprod Toxicol. 2011 May;31(4):464-9

**Ethyl 2,3,4-tri-O-benzyl-b-L-thiofucofuranoside**[99409-34-4][116391-11-8] C<sub>29</sub>H<sub>34</sub>O<sub>4</sub>S 478.64

ME05205

1g	\$57.80
2g	\$115.50
5g	\$210.00



Refs: Peter T, et.al, Liebigs Ann. Chem, 1991, 237

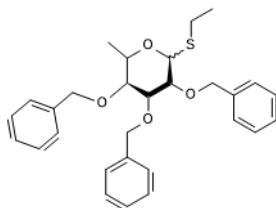
**Ethyl 2,3,4-tri-O-benzyl-L-thiofucofuranoside**

• Ethyl 6-deoxy-2,3,4-tris-O-(phenylmethyl)-1-thio-L-galactopyranoside

[169532-17-6] C<sub>29</sub>H<sub>34</sub>O<sub>4</sub>S 478.64

ME16720

100mg	\$87.00
250mg	\$157.50
500mg	\$290.00



Refs: Peter, T, et al, Liebigs Ann. Chem, 237 (1991); Thoma, G, et al, Bioorg. Med. Chem. Lett, 11, 923 (2001)

**Ethyl 2,3,4-tri-O-benzyl-b-D-thiogalactopyranoside**

[139574-31-5]

ME04319

Price On Application

**Ethyl 3,4,6-tri-O-benzyl-b-D-thiogalactopyranoside**

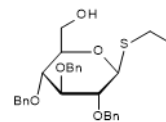
ME76446

Price On Application

**Ethyl 2,3,4-tri-O-benzyl-b-D-thioglucofuranoside**[126461-54-9] C<sub>29</sub>H<sub>34</sub>O<sub>5</sub>S 494.64

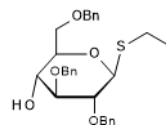
ME08104

Price On Application

**Ethyl 2,3,6-tri-O-benzyl-b-D-thioglucofuranoside**[141263-02-7] C<sub>29</sub>H<sub>34</sub>O<sub>5</sub>S 494.64

ME08105

2g	\$945.00
5g	\$1837.50
10g	\$2940.00

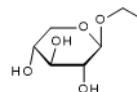
**Ethyl b-D-xylopyranoside**

• Ethyl xyloside

[6743-62-0] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.19

ME08966

500mg	\$135.00
1g	\$204.80
2g	\$367.50

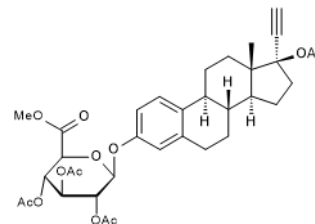
**Ethyl xyloside**

see Ethyl b-D-xylopyranoside, ME08966 on page 255

**Ethynyl estradiol 17-acetate-3-(2',3',4'-tri-O-acetyl-b-D-glucuronide) methyl ester**[242130-33-2] C<sub>35</sub>H<sub>42</sub>O<sub>12</sub> 654.7

ME09944

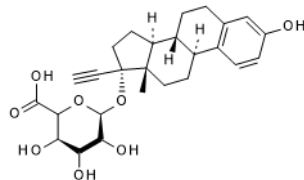
1mg	\$210.00
2mg	\$380.00
5mg	\$800.00



**Ethynylestra****17 $\alpha$ -Ethinylestradiol 3-glucuronide**see *Ethinyl estradiol 3-b-D-glucuronide*, ME16723 on page 256**Ethinyl estradiol 17-b-D-glucuronide**• (17 $\alpha$ )-3-Hydroxy-19-norpregna-1,3,5(10)-trien-20-yn-17-yl b-D-glucopyranosiduronic acid[75803-39-3] C<sub>26</sub>H<sub>32</sub>O<sub>8</sub> 472.53

ME16722

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10

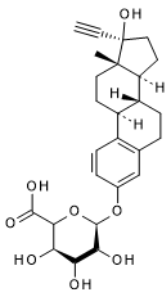


Refs: Hadd, H.H, et al, J. Steroid Biochem, 13,1107 (1980); Meyers, M, et al, J. Pharmacol. Exp. Ther, 214, 887

**Ethinyl estradiol 3-b-D-glucuronide**• (17 $\alpha$ )-17-Hydroxy-19-norpregna-1,3,5(10)-trien-20-yn-3-yl b-D-glucopyranosiduronic acid  
• 17 $\alpha$ -Ethinylestradiol 3-glucuronide[60134-76-1] C<sub>26</sub>H<sub>32</sub>O<sub>8</sub> 472.53

ME16723

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10

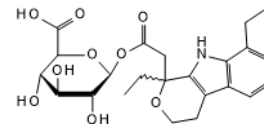


Refs: Hadd, H.H, et al, J. Steroid Biochem, 13,1107 (1980); Meyers, M, et al, J. Pharmacol. Exp. Ther, 214, 887

**rac etodolac acyl-b-D-glucuronide**• 1-(1,8-Diethyl-1,3,4,9-tetrahydropyrano[3,4-b]indole-1-acetate) b-D-glucopyranuronic acid  
• Etodolac glucuronide[79541-43-8] C<sub>23</sub>H<sub>29</sub>NO<sub>9</sub> 463.48

MR16844

1mg	\$204.80
2mg	\$367.50
5mg	\$787.50



Refs: Shapiro, R, et al, J. Biol. Chem, 255, 3120 (1980); Faed, E, et al, Drug Metab. Rev, 15, 1213 (1984); van Breemen, R, et al, Drug Metab. Dispos, 13, 318 (1985)

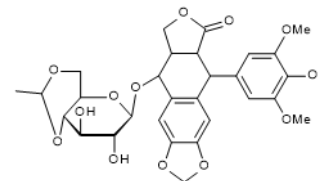
**Etodolac glucuronide**see *rac etodolac acyl-b-D-glucuronide*, MR16844 on page 256**Etoposide**

• 4'-Demethylepipodophyllotoxin 9-(4,6-O-ethylidene-b-D-glucopyranoside)

[33419-42-0] C<sub>29</sub>H<sub>32</sub>O<sub>13</sub> 588.55

ME09941

1g	\$65.00
2g	\$95.00
5g	\$131.30

**Etoposide-d4**

ME45909

5mg	\$750.00
10mg	\$1050.00
25mg	\$1875.00



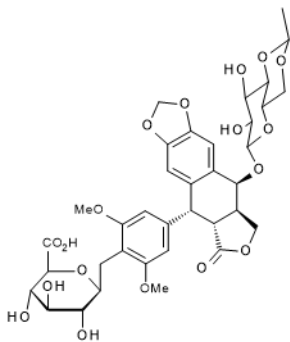


**Etoposide D-glucuronide**[100007-55-4] C<sub>36</sub>H<sub>42</sub>O<sub>18</sub> 762.73

ME09850

5mg

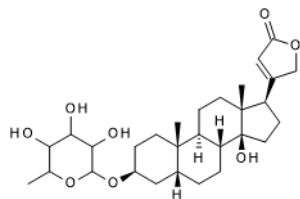
\$7000.00

**Evomonoside**

- (3b,5b)-3-[[6-Deoxy-α-L-mannopyranosyl]oxy]-14-hydroxycard-20(22)-enolide
- Digitoxigenin 3-rhamnoside
- Digitoxigenin rhamnoside

[508-93-0] C<sub>29</sub>H<sub>44</sub>O<sub>8</sub> 520.65

ME16724

1mg  
2mg  
5mg\$738.10  
\$1342.00  
\$2440.00

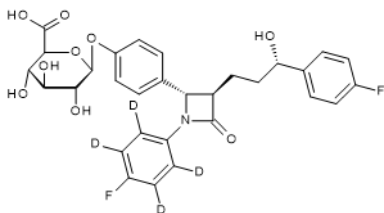
Refs: Brown, L, et al, *Biochem. Pharmacol.* 32, 2767 (1983); Rathore, H, et al, *J. Med. Chem.* 29, 1945 (1986); Katz, A, et al, *J. Biol. Chem.* 285, 19582 (2010)

**Ezetimibe-D-glucuronide D4**

- Ezetimibe-d4 β-D-Glucuronide

C<sub>30</sub>H<sub>25</sub>D<sub>4</sub>F<sub>2</sub>NO<sub>9</sub> 589.57

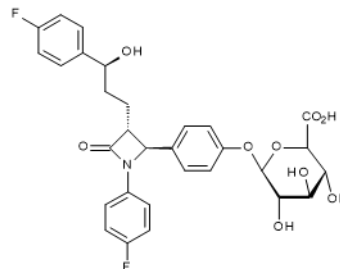
ME09938

1mg  
2mg  
5mg\$420.00  
\$735.00  
\$1575.00**Ezetimibe-d4 β-D-Glucuronide**see *Ezetimibe-D-glucuronide D4, ME09938* on page 257**Ezetimibe b-D-glucuronide**

- Ezetimibe phenoxy Glucuronide

[190448-57-8] C<sub>30</sub>H<sub>29</sub>F<sub>2</sub>NO<sub>9</sub> 585.55

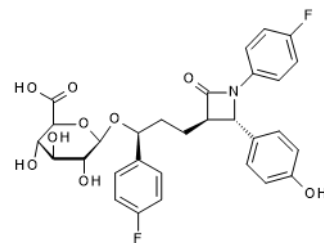
ME07193

1mg  
2mg  
5mg\$225.00  
\$390.00  
\$850.00

Refs: van Heek M, et al, *J. Pharmacol. Exp. Ther.* 1997, 283, p157; van Heek M, et al, *Brit. J. Pharmacol.* 2000, 129, p1748

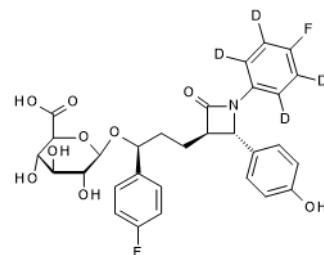
**Ezetimibe hydroxy-b-D-glucuronide**[536709-33-8] C<sub>30</sub>H<sub>29</sub>F<sub>2</sub>NO<sub>9</sub> 585.55

ME09937

1mg  
2mg  
5mg\$315.00  
\$588.00  
\$1260.00**Ezetimibe hydroxy-D-glucuronide D4**C<sub>30</sub>H<sub>25</sub>D<sub>4</sub>F<sub>2</sub>NO<sub>9</sub> 589.57

ME09939

Price On Application



**Ezetimibephe****Ezetimibe phenoxy Glucuronide**see *Ezetimibe b-D-glucuronide*, ME07193 on page 257**D-Fagomine**see *Fagomine*, MF03611 on page 258**Fagomine**

- D-Fagomine
- (2S,3R,4S)-2-(Hydroxymethyl)-3,4-piperidinediol

[53185-12-9] C<sub>8</sub>H<sub>13</sub>NO<sub>3</sub> 147.17

MF03611

1mg	\$195.00
2mg	\$300.00
5mg	\$600.00

**3-F-Deoxy-Ins(1,4,5)P3.6Na**see *3-Deoxy-3-fluoro-D-myo-inositol 1,4,5-trisphosphate hexasodium salt*, MD63120 on page 171**2-F-DGJ**see *1,2-Dideoxy-2-fluoro-galactonojirimycin*, MD34341 on page 208**Febuxostat-acyl-b-D-glucuronide**[1351692-92-6] C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>9</sub>S 492.5

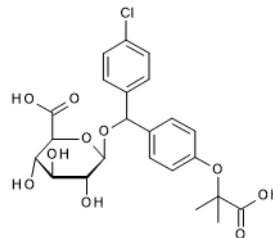
MF44747

Price On Application

**Fenirofibrate O-b-D-glucuronide**[168844-26-6] C<sub>23</sub>H<sub>25</sub>ClO<sub>10</sub> 496.9

MF09945

1mg	\$231.00
2mg	\$441.00
5mg	\$945.00

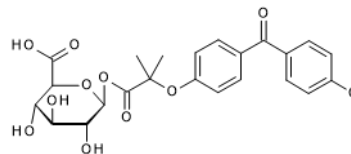
**Fenofibric acid acyl glucuronide**see *Fenofibryl b-D-glucuronide*, MF09946 on page 258**Fenofibryl b-D-glucuronide**

- Fenofibric acid acyl glucuronide

[60318-63-0] C<sub>23</sub>H<sub>23</sub>ClO<sub>10</sub> 494.88

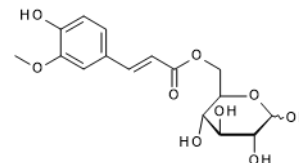
MF09946

5mg	\$750.00
10mg	\$1250.00
25mg	\$2250.00

**6-O-Feruloylglucose**[137887-25-3] C<sub>18</sub>H<sub>20</sub>O<sub>9</sub> 356.32

MF11960

5mg	\$95.00
10mg	\$160.00
25mg	\$325.00



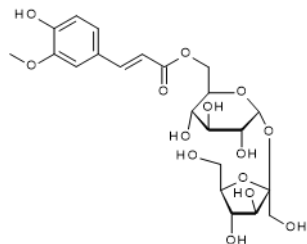
**6-O-Feruloylsucrose**

• Arillatose B

[137941-45-8] C<sub>22</sub>H<sub>30</sub>O<sub>14</sub> 518.47

MF11962

1mg	\$262.50
2mg	\$441.00
5mg	\$787.50

**4-F-GlcNAc**see 2-Acetamido-2,4-dideoxy-4-fluoro- $\alpha$ -D-glucopyranose, MA02391 on page 17**3-F-INS**

see 3-Deoxy-3-fluoro-D-myo-inositol, MD13900 on page 171

**Floridzin**

see Phloridzin, MP08132 on page 474

**Fluconazole D-glucuronide**

[136134-23-1]

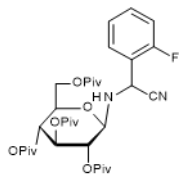
MF11749

Price On Application

**N-[2-(2'-Fluorobenzylacetonitrile)]-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside**C<sub>34</sub>H<sub>49</sub>FN<sub>2</sub>O<sub>9</sub> 648.76

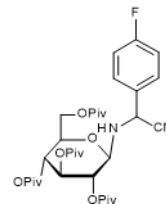
MF08492

Price On Application

**N-[2-(4'-Fluorobenzylacetonitrile)]-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside**C<sub>34</sub>H<sub>49</sub>FN<sub>2</sub>O<sub>9</sub> 648.76

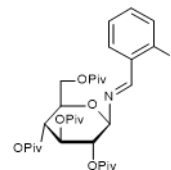
MF08491

Price On Application

**N-(2-Fluorobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside**C<sub>33</sub>H<sub>48</sub>FNO<sub>9</sub> 621.73

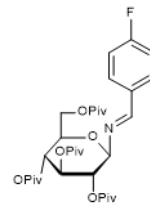
MF08445

Price On Application

**N-(4-Fluorobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside**C<sub>33</sub>H<sub>48</sub>FNO<sub>9</sub> 621.73

MF08444

Price On Application

**2-Fluoro-2-deoxy-b-D-glucopyranose tetraacetate**

see 1,3,4,6-Tetra-O-acetyl-2-deoxy-2-fluoro-D-glucopyranose, MT05327 on page 520

**3-Fluoro-3-deoxy-D-glucose**

see 3-Deoxy-3-fluoro-D-glucose, MD05769 on page 170

**2-Fluoro-2-deoxy-1,3,5-tri-O-benzoyl-a-D-arabinofuranose**

see 1,3,5-Tri-O-benzoyl-2-deoxy-2-fluoro-a-D-arabinofuranose, MT04218 on page 576

## Fluorodihydr

**1-[(3S)-9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylate]-b-D-glucopyranuronic acid**see *Levofloxacin acyl-b-D-glucuronide*, ML16773 on page 347**2-Fluoroethyl a-L-fucopyranoside**C<sub>8</sub>H<sub>13</sub>FO<sub>5</sub> 210.2

MF46902	50mg	\$950.00
	100mg	\$1300.00
	250mg	\$2500.00

**2-Fluoro-a-L-fucose triacetate**see *1,3,4-Tri-O-acetyl-2-deoxy-2-fluoro-a-L-fucopyranose*, MT153299 on page 566**5-C-Fluoro-a-D-glucopyranosyl fluoride**see *a-D-1,5-Difluoroglucose*, MD146496 on page 212**5-Fluoro-1-(b-D-glucuronopyranosyl)uracil**see *5-Fluorouracil N-b-D-glucuronide*, MF16727 on page 261**(3R,4R,5R)-3-Fluoro-4-hydroxy-5-(hydroxymethyl)-3-methyl-dihydrofuran-2(3H)-one**see *(3R,4R,5R)-3-Fluoro-4-hydroxy-5-(hydroxymethyl)-3-methylloxolan-2-one*, MF44944 on page 260**(3R,4R,5R)-3-Fluoro-4-hydroxy-5-(hydroxymethyl)-3-methylloxolan-2-one**

- D-erythro-Pentonic acid, 2-deoxy-2-fluoro-2-methyl-, g-lactone, (2R)-
- (3R,4R,5R)-3-Fluoro-4-hydroxy-5-(hydroxymethyl)-3-methyl-dihydrofuran-2(3H)-one

[879551-04-9] C<sub>8</sub>H<sub>9</sub>FO<sub>4</sub> 164.13

MF44944	250mg	\$60.00
	500mg	\$95.00
	1g	\$148.00

**3-Fluoro-6-hydroxymethyl-tetrahydro-pyran-2,4,5-triol**see *2-Deoxy-2-fluoro-D-galactose*, MD04718 on page 169**2-Fluoro-4-nitrophenyl 2-azido-2-deoxy-b-D-galactopyranoside**C<sub>12</sub>H<sub>13</sub>FN<sub>4</sub>O<sub>7</sub> 344.25

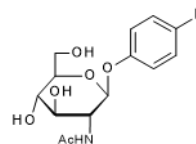
MF31814

5mg	\$150.00
10mg	\$250.00
25mg	\$500.00

**4-Fluorophenyl 2-acetamido-2-deoxy-b-D-glucoopyranoside**[135608-47-8] C<sub>14</sub>H<sub>18</sub>FNO<sub>6</sub> 315.29

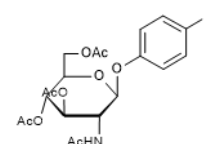
MF06412

1g	\$315.00
5g	\$1050.00
10g	\$1575.00

**4-Fluorophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucoopyranoside**[135608-45-6] C<sub>20</sub>H<sub>24</sub>FNO<sub>9</sub> 441.4

MF02211

1g	\$262.50
5g	\$787.50
10g	\$1365.00

**4-[[[(4-Fluorophenyl)methyl]amino]carbonyl]-1,6-dihydro-1-methyl-2-[1-methyl-1-[[[(5-methyl-1,3,4-oxadiazol-2-yl)carbonyl]amino]ethyl]-6-oxopyrimidin-5-yl]-D-Glucopyranosiduronic Acid Methyl Ester**see *Raltegravir b-D-glucuronide methyl ester*, MR29156 on page 490**1-Fluoro-2,3,4,6-tetra-O-(4-methoxybenzyl)-D-galactopyranoside**see *2,3,4,6-Tetra-O-(4-methoxybenzyl)-D-galactopyranosyl fluoride*, MT06804 on page 552

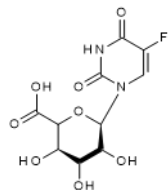
**5-Fluorouracil N-b-D-glucuronide**

- 1-Deoxy-1-(5-fluoro-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-b-D-glucopyranuronic acid
- 5-Fluoro-1-(b-D-glucuronopyranosyl)uracil

[66048-45-1] C<sub>10</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>8</sub> 306.2

MF16727

5mg	\$150.00
10mg	\$272.60
25mg	\$496.00



Refs: Baba, T. et al, Gann, 69, 283 (1978); Kaneko, M. et al, Nucleic Acid Res, 3, 35 (1977)

**Fluoxetine D-glucuronide (mixture of isomers)**

[96735-71-6]

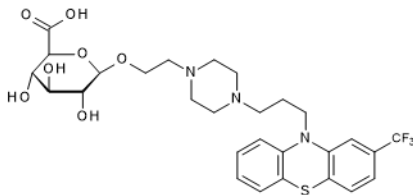
MF11750

Price On Application

**Fluphenazine b-D-glucuronide**[133310-09-5] C<sub>28</sub>H<sub>34</sub>F<sub>3</sub>N<sub>3</sub>O<sub>7</sub>S 613.65

MF10436

1mg	\$236.30
2mg	\$462.00
5mg	\$945.00

**R,S-Flurbiprofen-acyl-b-D-glucuronide**[91683-37-3] C<sub>21</sub>H<sub>21</sub>FO<sub>8</sub> 420.39

MF44745

Price On Application

**S-Flurbiprofen-acyl-b-D-glucuronide**[162992-66-7] C<sub>21</sub>H<sub>21</sub>FO<sub>8</sub> 420.39

MF44746

Price On Application

**(R)Flurbiprofen-acyl-b-D-glucuronide**

see Tarenflurbil-acyl-b-D-glucuronide, MT44757 on page 511

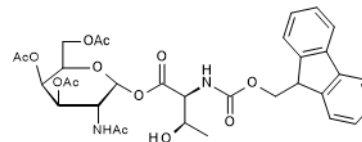
**N-Fmoc-O-[2-acetamido-2-deoxy-a-D-galactopyranosyl]-L-threonine allyl ester**

see O-[2-Acetamido-2-deoxy-a-D-galactopyranosyl]-N-Fmoc-L-threonine 2-propen-1-yl ester, MA30714 on page 12

**N-Fmoc-O-(2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl)-L-threonine**C<sub>33</sub>H<sub>38</sub>N<sub>2</sub>O<sub>13</sub> 670.66

MF09629

50mg	\$630.00
100mg	\$945.00
250mg	\$2100.00

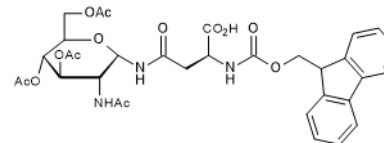
**2N-Fmoc-4N-(2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl)-L-asparagine**

see 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc-asparagine, MA46455 on page 23

**N-Fmoc-N-(2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranosyl)-L-asparagine**C<sub>34</sub>H<sub>39</sub>N<sub>3</sub>O<sub>13</sub> 679.69

MF09631

50mg	\$315.00
100mg	\$473.00
250mg	\$945.00



**Fmocaminobut****1-Fmoc-amino-2,4-O-D-butane-2,3,4-triol**

MF46627

Price On Application

**Fmoc-L-Asn(GlcNAc(Ac)3-beta)-OH**

see 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc-asparagine, MA46455 on page 23

**Fmoc-L-Asn(GlcNAc4)-OH**

see 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc-asparagine, MA46455 on page 23

**N-(Fmoc)-C-b-D-galacturonyl methylamine**

MF46436

Price On Application

**FmocSer(Ac3-b-D-GlcNAc)-OH**

see 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc serine, MA04454 on page 23

**Fmoc-Ser[GalN3[46Bzd]-a]-OtBu**

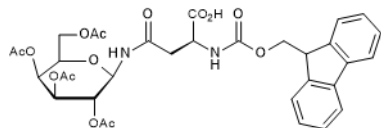
see O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-serine tert-Butyl Ester, MA60610 on page 89

**Fmoc-L-Ser(β-D-Gal(Ac)4)-OH**

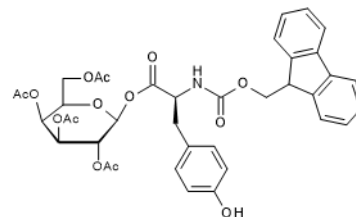
see 2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl-(N2-Fmoc)-L-serine, MT04262 on page 525

**2N-Fmoc-4N-(2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl)-L-asparagine**C<sub>33</sub>H<sub>36</sub>N<sub>2</sub>O<sub>14</sub> 684.66

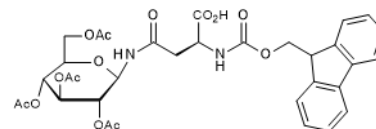
MF09627

10mg \$157.50  
25mg \$262.50  
50mg \$420.00**N-Fmoc-O-(2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl)-L-tyrosine**C<sub>39</sub>H<sub>39</sub>N<sub>3</sub>O<sub>14</sub> 733.71

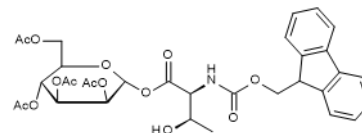
MF09624

50mg \$630.00  
100mg \$945.00  
250mg \$2100.00**2N-Fmoc-4N-(2,3,4,6-tetra-O-acetyl-b-D-glucopyranosyl)-L-asparagine**C<sub>33</sub>H<sub>36</sub>N<sub>2</sub>O<sub>14</sub> 684.66

MF09623

50mg \$236.50  
100mg \$394.00  
250mg \$855.00**N-Fmoc-O-(2,3,4,6-tetra-O-acetyl-a-D-mannopyranosyl)-L-threonine**C<sub>33</sub>H<sub>37</sub>N<sub>3</sub>O<sub>14</sub> 671.65

MF09619

50mg \$420.00  
100mg \$630.00  
250mg \$1312.50**Fmoc-L-Thr(GalNAc(Ac)3-a-D)-OH**

see 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-Fmoc threonine, MA04340 on page 22

**Fmoc-Thr[GalN3[46Bzd]-a]-OtBu**

see O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-threonine tert-Butyl Ester, MA60609 on page 89

**Fmoc-Thr(GlcNAc(Ac)3-b-D)-OH**

see 2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc threonine, MF111403 on page 23

**Formononetin-b-D-glucuronide sodium salt**

- 3-(4-Methoxyphenyl)-4-oxo-4H-1-benzopyran-7-yl b-D-glucuronic acid
- 7-Hydroxy-4'-methoxyisoflavone-7-O-b-D-glucuronide

[18524-03-3] C<sub>22</sub>H<sub>19</sub>O<sub>10</sub>Na 466.37

MF16377

1mg	\$157.50
2mg	\$252.00
5mg	\$551.30

**N-(Formylamidino)-N-b-D-ribofuranosylurea**[65126-88-7] C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>6</sub> 262.22

MF138817

Price On Application

**N-Formyl-1-amino-1-deoxy-D-glucitol**

[89182-60-5]

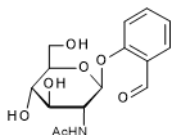
MF15604

5g	\$94.50
10g	\$157.50
25g	\$262.50

**2-Formylphenyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[15430-78-1] C<sub>15</sub>H<sub>19</sub>NO<sub>7</sub> 325.31

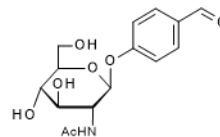
MF00851

1g	\$210.00
2g	\$315.00
5g	\$630.00

**4-Formylphenyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[135608-48-9] C<sub>15</sub>H<sub>19</sub>NO<sub>7</sub> 325.31

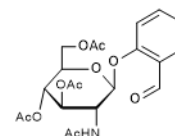
MF03548

100mg	\$50.00
250mg	\$62.50
500mg	\$100.00

**2-Formylphenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[15430-77-0] C<sub>21</sub>H<sub>25</sub>NO<sub>10</sub> 451.42

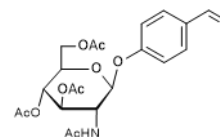
MF02209

1g	\$210.00
5g	\$420.00
10g	\$735.00

**4-Formylphenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[70622-68-3] C<sub>21</sub>H<sub>25</sub>NO<sub>10</sub> 451.42

MF05430

1g	\$210.00
5g	\$420.00
10g	\$735.00

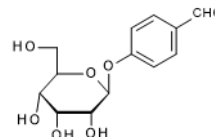
**4-Formylphenyl b-D-allopyranoside**

- 4-b-D-Allopyranosyloxy)benzaldehyde

[80154-34-3] C<sub>13</sub>H<sub>16</sub>O<sub>7</sub> 284.26

MF07020

2g	\$50.00
5g	\$80.00
10g	\$125.00



Refs: J. Proc. R.Soc. NSW, 1936, 70, p440

## Formylphenyl

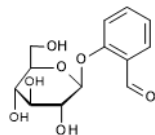
## 2-Formylphenyl b-D-glucopyranoside

- Helicin
- Salicylaldehyde b-D-glucoside

[618-65-5] C<sub>13</sub>H<sub>16</sub>O<sub>7</sub> 284.26

MF05651

1g	\$126.00
2g	\$210.00
5g	\$367.50

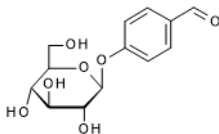


## 4-Formylphenyl b-D-glucopyranoside

[26993-16-8] C<sub>13</sub>H<sub>16</sub>O<sub>7</sub> 284.26

MF06414

1g	\$175.00
5g	\$300.00
5g	\$625.00

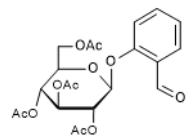


## 2-Formylphenyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside

[14581-83-0] C<sub>21</sub>H<sub>24</sub>O<sub>11</sub> 452.41

MF01055

1g	\$157.50
5g	\$420.00
10g	\$735.00

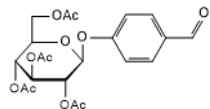


## 4-Formylphenyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside

[31873-42-4] C<sub>21</sub>H<sub>24</sub>O<sub>11</sub> 452.4

MF01050

1g	\$500.00
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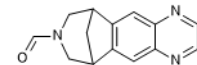
## N-Formyl varenicline

- 6,7,9,10-Tetrahydro-6,10-methano-8H-pyrazino[2,3-h][3]benzazepine-8-carboxaldehyde

[796865-82-2] C<sub>14</sub>H<sub>13</sub>N<sub>3</sub>O 239.27

MF16728

1mg	\$299.80
2mg	\$545.10
5mg	\$991.00



Refs: Dow, J, et al, Drug Metab. Dispos, 22, 738



## Forsosamine

[18423-27-3]

MF58369

1mg	\$130.67
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## Forsythin

see *Phillyrin*, MP08141 on page 474

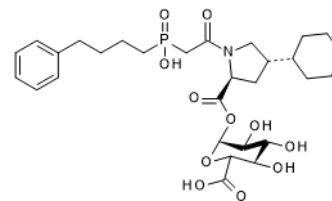
## Fosinopril acyl-b-D-glucuronide

- trans-4-Cyclohexyl-1-[[hydroxy(4-phenylbutyl)phosphinyl]acetyl]-L-proline b-D-glucopyranuronosyl ester

[113411-09-9] C<sub>29</sub>H<sub>42</sub>NO<sub>11</sub>P 611.62

MF16729

1mg	\$726.80
2mg	\$1321.40
5mg	\$2402.40



Refs: Singhvi, S.M.



## D(+)-Fructofuranose 1,6-diphosphate

see *D-Fructose-1,6-diphosphate monocalcium salt*, MF10438 on page 266

## b-D-Fructofuranosyl-a-D-mannopyranoside

see *Mannosucrose*, MM03532 on page 359



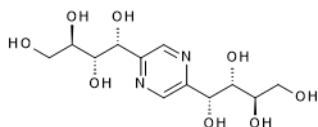
## Fructosazine

- D-Arabino-1,1'-(2,5-pyrazinediyl)di-1,2,3,4-butanetetrol
- Tagatosazine

[13185-73-4] C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>8</sub> 320.3

MF10551

1mg	\$73.50
2mg	\$105.00
5mg	\$210.00

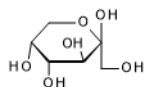


## D-Fructose

[57-48-7] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MF00781

2kg	\$50.00
5kg	\$90.00
10kg	\$170.00



Refs: Hotchkiss D, Soengas R, Simone MI, van Ameijde J, Hunter S, Cowley AR, Fleet GWJ, Tetrahedron Lett. 2004, 45, 9461-9464

## D-Fructose-13C1

[108311-21-3]

MF31452

500mg	\$420.00
1g	\$630.00
2g	\$1155.00



## D-Fructose-13C1-6

see D-Fructose-13C6, MF29793 on page 265

## D-Fructose-13C6

- D-Fructose-13C1-6

[201595-65-5] <sup>13</sup>C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 186.11

MF29793

100mg	\$126.00
200mg	\$210.00
500mg	\$415.00

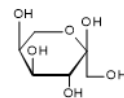


## L-Fructose

[7776-48-9] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MF05872

100mg	\$50.00
250mg	\$85.00
500mg	\$130.00



Refs: Leang K, Sultana I, Takada G, Izumori K, J. Biosci. Bioeng. 2003, 95, p310

## D-Fructose-2,6-bisphosphate sodium salt

see D-Fructose-2,6-diphosphate sodium salt, MF05425 on page 266

## D-Fructose 1,6-bisphosphate tetra(cyclohexylammonium) salt

see D-Fructose-1,6-diphosphate tetra(cyclohexylammonium) salt, MF137533 on page 266

## D-Fructose-1,6-bisphosphate trisodium salt

see D-Fructose-1,6-diphosphate trisodium salt, MF03222 on page 266

## D-Fructose-1,6-bisphosphate trisodium salt octahydrate

see D-Fructose-1,6-diphosphate trisodium salt octahydrate, MF15346 on page 267

## D-fructose-1,6-bis(dihydrogen phosphate)

see D-Fructose-1,6-diphosphate, MF10066 on page 265

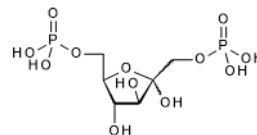
## D-Fructose-1,6-diphosphate

- D-fructose-1,6-bis(dihydrogen phosphate)

[488-69-7] C<sub>6</sub>H<sub>14</sub>O<sub>12</sub>P<sub>2</sub> 340.12

MF10066

1g	\$42.00
2g	\$63.00
5g	\$105.00



## D-Fructose-1,6-diphosphate dibarium salt

[6035-52-5] C<sub>16</sub>H<sub>10</sub>ClN<sub>3</sub>O<sub>5</sub>S 391.79

MF01997

100mg	\$70.00
250mg	\$150.00
500mg	\$250.00



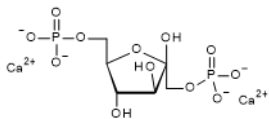
## Fructosediph

## D-Fructose-1,6-diphosphate dicalcium salt

[6055-82-9] C<sub>6</sub>H<sub>10</sub>Ca<sub>2</sub>O<sub>12</sub>P<sub>2</sub> 416.24

MF06147

25g	\$45.00
50g	\$70.00
100g	\$110.00



## D-Fructose-1,6-diphosphate disodium salt

• Fructose-1,6-diphosphate disodium salt

[26177-85-5] C<sub>6</sub>H<sub>12</sub>O<sub>12</sub>P<sub>2</sub>·2Na 384.08

MF56765

Price On Application



## Fructose-1,6-diphosphate disodium salt

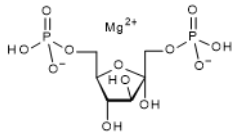
see *D-Fructose-1,6-diphosphate disodium salt, MF56765* on page 266

## D-Fructose-1,6-diphosphate magnesium salt

[34693-15-7] C<sub>6</sub>H<sub>12</sub>O<sub>12</sub>P<sub>2</sub>·Mg 362.4

MF10437

100g	\$70.00
250g	\$125.00
500g	\$200.00



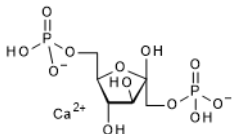
## D-Fructose-1,6-diphosphate monocalcium salt

• D-(+)-Fructofuranose 1,6-diphosphate

[103213-33-8] C<sub>6</sub>H<sub>12</sub>O<sub>12</sub>P<sub>2</sub>·Ca 378.18

MF10438

50g	\$79.00
100g	\$132.00
250g	\$185.00



## D-Fructose-2,6-diphosphate sodium salt

• D-Fructose-2,6-bisphosphate sodium salt

[84364-89-6][79082-92-1] C<sub>6</sub>H<sub>12</sub>Na<sub>2</sub>O<sub>12</sub>P<sub>2</sub> 384.08

MF05425

Price On Application



## D-Fructose-1,6-diphosphate tetra(cyclohexylammonium) salt

• D-Fructose 1,6-bisphosphate tetra(cyclohexylammonium) salt

[103213-44-1] C<sub>6</sub>H<sub>14</sub>O<sub>12</sub>P<sub>2</sub>·4C<sub>6</sub>H<sub>13</sub>N 736.81

MF137533

Price On Application

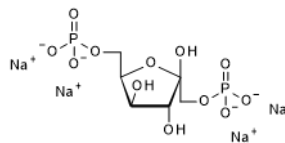


## D-Fructose-1,6-diphosphate tetrasodium salt

[23784-19-2] C<sub>6</sub>H<sub>10</sub>Na<sub>4</sub>O<sub>12</sub>P<sub>2</sub> 428.04

MF05091

500mg	\$100.00
1g	\$175.00
2g	\$300.00



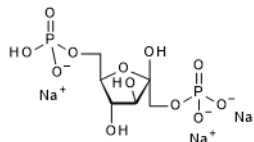
## D-Fructose-1,6-diphosphate trisodium salt

• D-Fructose-1,6-bisphosphate trisodium salt

[38099-82-0][103213-50-9] C<sub>6</sub>H<sub>11</sub>O<sub>12</sub>P<sub>2</sub>·Na<sub>3</sub> 406.06

MF03222

25g	\$55.00
50g	\$85.00
100g	\$150.00



**D-Fructose-1,6-diphosphate trisodium salt octahydrate**

• D-Fructose-1,6-bisphosphate trisodium salt octahydrate

[81028-91-3][38099-82-0] C<sub>6</sub>H<sub>11</sub>Na<sub>3</sub>O<sub>12</sub>P<sub>2</sub>·8H<sub>2</sub>O 550.18

MF15346	25g	\$50.00
	50g	\$85.00
	100g	\$140.00

**b-D-Fructose pentaacetate**

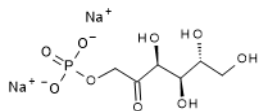
see 1,2,3,4,5-Penta-O-acetyl-b-D-fructose, MP06863 on page 450

**D-Fructose 1-phosphate barium salt trihydrate**[53823-70-4] C<sub>6</sub>H<sub>11</sub>BaO<sub>9</sub>P·3H<sub>2</sub>O 449.49

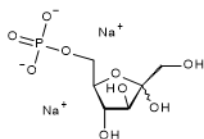
MF44480	1mg	\$195.00
	2mg	\$350.00
	5mg	\$675.00

**D-Fructose 1-phosphate disodium salt**[71662-09-4][103213-46-3] C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>9</sub>P 304.1

MF03840	1mg	\$250.00
	2mg	\$390.00
	5mg	\$750.00

**D-Fructose 6-phosphate disodium salt**[26177-86-6] C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>9</sub>P 304.1

MF03264	500mg	\$60.00
	1g	\$95.00
	2g	\$170.00

**Fructosyl-lysine**[21291-40-7] C<sub>12</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub> 308.33

MF106337

50mg	\$1250.00
100mg	\$1950.00
250mg	\$3750.00

**D-Fructuronate**

see D-Lyx-5-hexulosonic acid, ML145993 on page 351

**D-Fructuronic acid**

see D-Lyx-5-hexulosonic acid, ML145993 on page 351

**Fructuronic acid**

see D-Lyx-5-hexulosonic acid, ML145993 on page 351

**L-Fucal**

[80483-16-5]

MF46572

Price On Application

**L-Fucitol**

• 6-Deoxy-L-galactitol

[13074-06-1] C<sub>6</sub>H<sub>14</sub>O<sub>5</sub> 166.17

MF44825

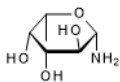
25mg	\$60.00
50mg	\$90.00
100mg	\$140.00



**Fucopyranosy****b-L-Fucopyranosylamine**[103419-79-0] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

MF05061

50mg	\$100.00
100mg	\$184.00
250mg	\$355.00



Refs: Ogawa S, Watanabe M, Maruyama A, Hisamatsu S, Biorag. Med. Chem. Lett. 2002, 12,5, p749

**b-L-Fucopyranosyl nitromethane**

• 2,6-Anhydro-1,7-dideoxy-7-nitro-D-glycero-D-galacto-heptitol

C<sub>7</sub>H<sub>13</sub>NO<sub>6</sub> 207.2

MF01633

Price On Application

**b-L-Fucopyranosyl phosphate**

[16562-59-7]

MF30784

Price On Application

**D-Fucosamine**

see 2-Amino-2-deoxy-D-fucose, MA157019 on page 58

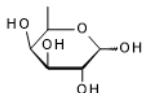
**L-Fucosamine**

see 2-Amino-2-deoxy-L-fucose, MA05317 on page 58

**D-Fucose**• 6-Deoxy-D-galactose  
• Rhodoseose[3615-37-0] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MF00381

1g	\$55.00
2g	\$90.00
5g	\$175.00

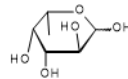
**L-Fucose**

• 6-Deoxy-L-galactose

[2438-80-4][6696-41-9] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MF06710

5g	\$60.00
10g	\$90.00
25g	\$157.50

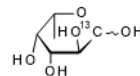


Refs: Wong C-H, Alajarín R, Morfís-Varas F, Blanco O, García-Junceda E, J. Org. Chem. 1995, 60, p7360-7363; Cappi MW, Moree WJ, Qiao L, Marron TG, Weitz G, Bioorg. Med. Chem. 1997, Vol5, No2, p283-296(14)

**L-[1-13C]Fucose**[83379-38-8] <sup>13</sup>CC<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 165.15

MF08310

250mg	\$525.00
500mg	\$945.00
1g	\$1680.00

**L-Fucose-BSA**

MF58619

1mg	\$695.00
2mg	\$1300.00
5mg	\$2750.00

**L-Fucose-BSA**

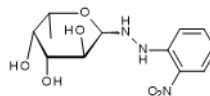
MF58620

1mg	\$695.00
2mg	\$1300.00
5mg	\$2750.00

**Fucose 2-nitrophenylhydrazone**C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub> 299.28

MF10439

100mg	\$100.00
250mg	\$185.00
500mg	\$370.00



**a-D-Fucose-1-phosphate**

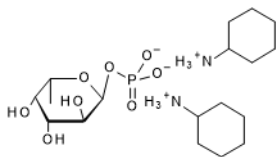
MF58432	5mg	\$650.00
	10mg	\$800.00
	25mg	\$1100.00

**a-L-Fucose-1-phosphate**

MF58435	50mg	\$1500.00
	100mg	\$2200.00

**a-L-Fucose-1-phosphate bis(cyclohexylammonium) salt**[24333-03-7] C<sub>8</sub>H<sub>13</sub>O<sub>8</sub>P·2C<sub>6</sub>H<sub>13</sub>N 442.48

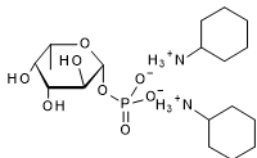
MF05074	5mg	\$175.00
	10mg	\$275.00
	25mg	\$520.00

**b-L-Fucose-1-phosphate bis(cyclohexylammonium) salt**

• 6-Deoxy-b-L-galactose phosphate

[28553-11-9] C<sub>8</sub>H<sub>11</sub>O<sub>8</sub>P·2C<sub>6</sub>H<sub>14</sub>N 442.48

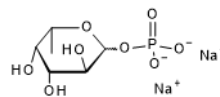
MF05022	1mg	\$95.00
	2mg	\$150.00
	5mg	\$275.00

**L-Fucose-1-phosphate disodium salt**

• 6-Deoxy-L-galactose-1-phosphate disodium salt

[374726-44-0] C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>6</sub>P 288.1

MF05279	1mg	\$120.00
	2mg	\$200.00
	5mg	\$400.00

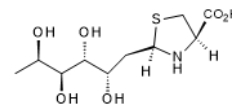
**a-L-Fucosidase kits**

Price On Application

MF05353

**2-(L-Fuco-tetrahydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid**[152983-87-4] C<sub>10</sub>H<sub>19</sub>NO<sub>6</sub>S 281.33

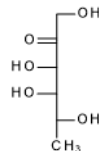
MF01031	250mg	\$262.50
	500mg	\$420.00
	1g	\$630.00

**D-Fuculose**

• 6-Deoxy-D-tagatose

C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

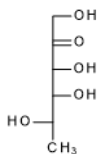
MF07931	100mg	\$3675.00
	500mg	\$5250.00
	1g	\$7350.00



**Fuculose****L-Fuculose - Aqueous solution**[13074-08-3] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MF07930

2mg	\$60.00
5mg	\$120.00
10mg	\$199.50



F

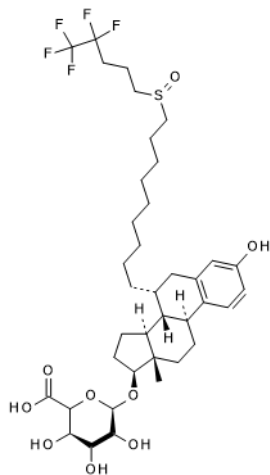
**Fulvestrant 17-b-D-glucuronide**

• (7a,17b)-3-Hydroxy-7-[9-[(4,4,5,5,5-pentafluoropentyl)sulfinyl]nonyl]estra-1,3,5(10)-trien-17-yl b-D-glucopyranosiduronic acid

[261506-28-9] C<sub>38</sub>H<sub>55</sub>F<sub>5</sub>O<sub>9</sub>S 782.9

MF16730

1mg	\$363.40
2mg	\$660.70
5mg	\$1201.20



Refs: Rao, P, et al, J. Steroid Biochem, 25, 417 (1986); Wakeling, A, et al, J. Steroid Biochem. Mol. Biol, 43, 173 (1992); DeFriend, D, et al, Cancer Res, 54, 408

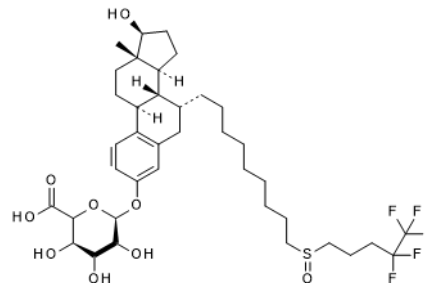
**Fulvestrant 3-b-D-glucuronide**

• (7a,17b)-17-Hydroxy-7-[9-[(4,4,5,5,5-pentafluoropentyl)sulfinyl]nonyl]estra-1,3,5(10)-trien-3-yl b-D-glucopyranosiduronic acid

[261506-27-8] C<sub>38</sub>H<sub>55</sub>F<sub>5</sub>O<sub>9</sub>S 782.9

MF16731

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10



Refs: Rao, P, et al, J. Steroid Biochem, 25, 417 (1986); Wakeling, A, et al, J. Steroid Biochem. Mol. Biol, 43, 173 (1992); DeFriend, D, et al, Cancer Res, 54, 408

**Funkioside A**see *Polyphyllin A*, MP42776 on page 478**Furaneol glucopyranoside**C<sub>12</sub>H<sub>18</sub>O<sub>9</sub> 306.27

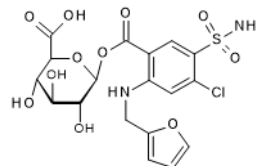
MF30167

Price On Application

**Furoseme acyl-b-D-glucuronide**[72967-59-0] C<sub>18</sub>H<sub>19</sub>ClN<sub>2</sub>O<sub>11</sub>S 506.87

MF07423

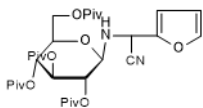
1mg	\$210.00
2mg	\$420.00
5mg	\$840.00



**N-(2-Furylacetoneitrile)-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside**C<sub>32</sub>H<sub>48</sub>N<sub>2</sub>O<sub>10</sub> 620.73

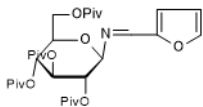
MF08448

Price On Application

**N-(2-Furyl)imino-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside**C<sub>31</sub>H<sub>47</sub>NO<sub>10</sub> 593.72

MF08435

Price On Application

**Fusidic acid acyl glucuronide**

• Fusidic acid b-D-glucopyranuronosyl ester

[13013-66-6] C<sub>37</sub>H<sub>56</sub>O<sub>12</sub> 692.83

MF46893

Price On Application

**Fusidic acid b-D-glucopyranuronosyl ester**see *Fusidic acid acyl glucuronide*, MF46893 on page 271**E3G**see *Estrone b-D-glucuronide sodium salt*, ME11970 on page 240**Gal-6S**see *D-Galactose-6-O-sulphate sodium salt*, MG00761 on page 277**Gal[2Ac,346Bn]-b-SPh**see *Phenyl 2-O-Acetyl-3,4,6-tri-O-benzyl-1-thio-b-D-galactopyranoside*, MP60582 on page 460**Gal[246Ac,3AlI]-b-SPh**see *Phenyl 2,4,6-Tri-O-acetyl-3-O-allyl-1-thio-b-D-galactopyranoside*, MP60577 on page 472**D-Galactal**

• 1,5-Anhydro-2-deoxy-D-lyxo-hex-1-enitol

[21193-75-9] C<sub>6</sub>H<sub>10</sub>O<sub>4</sub> 146.14

MG00832

5g	\$75.00
10g	\$140.00
25g	\$300.00



Refs: Dettinger HM, Kurz G, Lehmann J, Carbohydr. Res. 1979, Sep 74, 301-7

**Galactaric acid**see *Mucic acid*, MM47012 on page 433**Galactaric acid,1,6-diethyl ester**see *Diethylgalactarate*, MD61724 on page 212**Galactitol**see *Dulcitol*, MD01368 on page 232**a-D-Galactofuranosyl nitromethane**[81812-46-6] C<sub>7</sub>H<sub>14</sub>NO<sub>7</sub> 224.19

MG00684

Price On Application

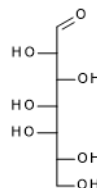
**b-D-Galactoheptose**

• D-Glycero-L-gluco-heptose

[23102-92-3] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.18

MG01302

100mg	\$50.00
250mg	\$75.00
500mg	\$130.00

**b-L-Galactoheptose**see *L-Glycero-D-gluco-heptose*, MG02812 on page 303

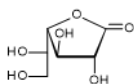
**Galactonicac****D-Galactonic acid gamma-lactone**see *D-Galactono-1,4-lactone*, *MG01323* on page 272**L-Galactonic acid gamma-lactone**see *L-Galactono-1,4-lactone*, *MG04084* on page 272**Galactonojirimycin**see *Galactostatin*, *MG06114* on page 277**Galactonojirimycin bisulfite**see *Galactostatin bisulfite*, *MG07421* on page 277**D-Galactono-1,4-lactone**

• D-Galactonic acid gamma-lactone

[2782-07-2] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MG01323

250mg	\$87.50
500mg	\$140.00
1g	\$220.00



Refs: Huber RE, Brockbank RL, Biochemistry 1987, Vol26, p1526-1531

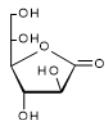
**L-Galactono-1,4-lactone**

• L-Galactonic acid gamma-lactone

[1668-08-2] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MG04084

100mg	\$63.00
200mg	\$76.00
500mg	\$125.00

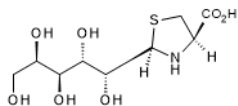


Refs: Kim KS, Cho BH, Shin I, Bull. Korean Chem. Soc. 2002, Vol23, No9, p1193-1194

**2-(D-Galacto-pentylhydroxypentyl-4(R))-1,3-thiazolidine-4-carboxylic acid**[124650-46-0] C<sub>10</sub>H<sub>19</sub>NO<sub>7</sub>S 297.4

MG01036

Price On Application

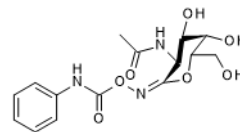
**Galactopeonidin**see *Peonidin-3-O-galactoside chloride*, *MP71623* on page 458**Galacto-PUGNAc**

- 2-(Acetylamino)-2-deoxy-N-[[[phenylamino]carbonyl]oxy]-D-galactonimidic acid δ-lactone
- Gal-PUGNAc

[1145878-98-3] C<sub>15</sub>H<sub>19</sub>N<sub>3</sub>O<sub>7</sub> 353.33

MG16732

1mg	\$90.00
2mg	\$140.00
5mg	\$325.00



Refs: Stubbs, K.A. et al, Angew. Chem. Int. Ed, 48, 1300 (2009)

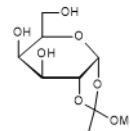
**a-D-Galactopyranose 1,2-(methyl orthoacetate)**

• 1,2-O-(1-Methoxyethylidene)-a-D-galactopyranose

[138196-19-7] C<sub>9</sub>H<sub>16</sub>O<sub>7</sub> 236.22

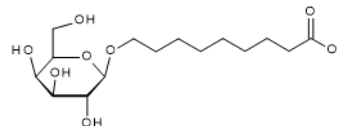
MG06097

500mg	\$210.00
1g	\$315.00
2g	\$525.00

**9-(b-D-Galactopyranose)-nonanoic acid**[83345-63-5] C<sub>15</sub>H<sub>26</sub>O<sub>8</sub> 336.38

MG04593

50mg	\$89.50
100mg	\$168.00
250mg	\$367.50

**D-Galactopyranose 1,2,3,4,6-pentabenzoate**see *1,2,3,4,6-Penta-O-benzoyl-D-galactopyranoside*, *MP16831* on page 453**D-Galactopyranose, 1,2,3,4-tetraacetate**see *1,2,3,4-Tetra-O-acetyl-D-galactopyranose*, *MT145586* on page 523



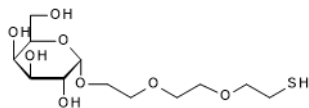
**a-D-Galactopyranoside, 2-[2-(2-mercaptoethoxy)ethoxy]ethyl**

• 2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl PEG3-thiol

[1142408-15-8] C<sub>12</sub>H<sub>24</sub>O<sub>9</sub>S 328.38

MG61450

Price On Application

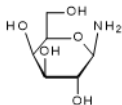
**b-D-Galactopyranosyl amine**

• 1-Amino-1-deoxy-b-D-galactose

[74867-91-7][6318-23-6] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub> 179.17

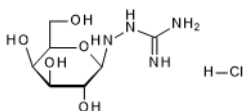
MG04382

50mg	\$50.00
100mg	\$70.00
250mg	\$100.00

Refs: Donati I, Gamini A, Vetere A, et al, *Biomacromolecules* 2002, 3, p805**N1-b-D-Galactopyranosylamino-guanidine HCl**[109853-84-1] C<sub>7</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub>·HCl 272.69

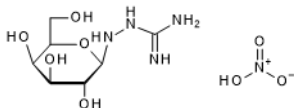
MG04052

200mg	\$126.00
500mg	\$265.00
1g	\$420.00

**N1-b-D-Galactopyranosylamino-guanidine HNO<sub>3</sub>**[109853-86-3] C<sub>7</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub>·HNO<sub>3</sub> 299.24

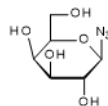
MG00702

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

**b-D-Galactopyranosyl azide**[35899-89-9] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MG09161

50mg	\$90.00
100mg	\$130.00
250mg	\$262.50

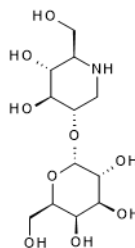
**2-O-a-D-Galactopyranosyl-1-deoxynojirimycin**

• Galactosyl-DNJ

[155168-05-1] C<sub>12</sub>H<sub>23</sub>NO<sub>9</sub> 325.31

MG03577

Price On Application

**b-D-Galactopyranosyl nitromethane**

• 2,6-Anhydro-7-deoxy-7-nitro-L-glycero-L-galacto-heptitol

[81846-64-2] C<sub>7</sub>H<sub>13</sub>NO<sub>7</sub> 223.2

MG01635

Price On Application

**7-(b-D-Galactopyranosyloxy)-4-methyl-coumarin tetraacetate**

see 4-Methylumbelliferyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside, MM16800 on page 429

**N-[(1S,2S,3R)-1-[(a-D-Galactopyranosyloxy)methyl]-2,3-dihydroxyheptadecyl]hexacosanamide**

see a-Galactosylceramide, MG15978 on page 277

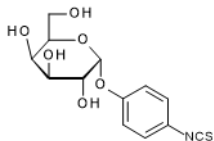
## Galactopyran

## a-D-Galactopyranosyl phenylisothiocyanate

[120967-92-2] C<sub>13</sub>H<sub>15</sub>NO<sub>6</sub>S 313.33

MG09162

5mg	\$260.00
10mg	\$400.00
25mg	\$650.00



Refs: Biol. Cell, 1984, 51, p187

## a-D-[2-13C]Galactopyranosyl 1-phosphate dipotassium salt

[478518-80-8]

MG138862

25mg	\$300.00
50mg	\$390.00
100mg	\$690.00



## D-Galactopyranosyl thiosemicarbazide

[154634-26-1] C<sub>7</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub>S 253.32

MG00710

Price On Application



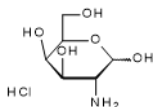
## D-Galactosamine HCl

- 2-Amino-2-deoxy-D-galactopyranose
- Chondrosamine
- D-Chondrosamine Hydrochloride

[1772-03-8] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MG05030

10g	\$60.00
25g	\$95.00
50g	\$175.00



Refs: Zuyderhoudt FM, Jorning GG, De Haan JG, Samson G, Clin. Sci. 1980, 58, p321; Takenaka K, Sakaida I, Yasunaga M, Okita K, Digest. Dis. Sci. 43, 4, p887

## D-Galactosamine HCl - Synthetic origin

- 2-Amino-2-deoxy-D-galactopyranose hydrochloride
- D-Chondrosamine hydrochloride

[1772-03-8] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MG158512

Price On Application



## a-D-Galactosamine pentaacetate

see 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-a-D-galactopyranose, MA08854 on page 19

## b-D-Galactosamine pentaacetate

see 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-galactopyranose, MA07056 on page 19

## D-Galactosamine pentaacetate

see 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-D-galactopyranose, MA07898 on page 19

## a-D-Galactosamine-1-phosphate

MG58433

10mg	\$68.70
25mg	\$1139.00
50mg	\$1822.50

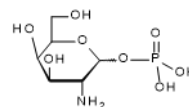


## D-Galactosamine-1-phosphate

[41588-64-1] C<sub>6</sub>H<sub>14</sub>NO<sub>8</sub>P 259.15

MG03930

2mg	\$50.00
5mg	\$86.50
10mg	\$144.00

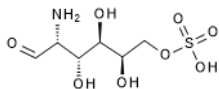


Refs: Carlson DM, Swanson AL, Roseman S, Biochemistry 1964, p402

**D-Galactosamine-6-O-sulphate**[20257-10-7] C<sub>8</sub>H<sub>13</sub>NO<sub>6</sub>S 259.23

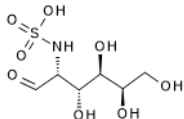
MG00768

Price On Application

**D-Galactosamine-2-N-sulphate sodium salt**[157297-00-2] C<sub>6</sub>H<sub>12</sub>NO<sub>6</sub>SNa 281.21

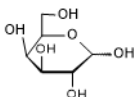
MG00762

2mg	\$89.30
5mg	\$168.00
10mg	\$262.50

**D-Galactosan**see *1,6-Anhydro-β-D-galactopyranose*, MA03786 on page 74**D-Galactose**[59-23-4] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MG05201

500g	\$50.00
1kg	\$75.00
2kg	\$146.00

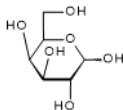


Refs: Cusick M, Chew EY, Ferris F, Cox TA, Chan CC, Kador PF, Arch. Ophthalmol. 2003, 121(12), 1745-51

**D-Galactose - anhydrous**[59-23-4] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MG02757

250g	\$75.00
500g	\$125.00
1kg	\$225.00



Refs: Calado CÂRC, Manesse M, Egmond M, Cabral JMS, et al, Biotechnol. Bioeng. 2002, Vol78, Issue 6, p692-698

**D-Galactose - non-animal origin**[59-23-4] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

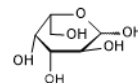
MG06473

100g	\$45.00
250g	\$75.00
500g	\$125.00

**L-Galactose**[15572-79-9] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MG05473

100mg	\$55.00
250mg	\$90.00
500mg	\$150.00



Refs: Leang K, Maekawa K, Menavuvu BT, Morimoto K, Granström TB, Takada G, Izumori K, J. Biosci. Bioeng 2004, 97, 383-388; Ciancia M, Matulewicz MC, Cerezo AS, Phytochemistry 1993, 34(6), 1541-3

**D-Galactose-BSA**

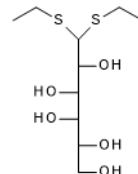
MG58616

2mg	\$95.34
5mg	\$152.55

**Galactose diacetoneide**see *1,2:3,4-Di-O-isopropylidene-α-D-galactopyranose*, MD04713 on page 219**D-Galactose diethyldithioacetate**[5463-33-2] C<sub>10</sub>H<sub>22</sub>O<sub>5</sub>S<sub>2</sub> 286.41

MG00694

250mg	\$110.00
500mg	\$210.00
1g	\$315.00



Refs: Lipták M, Dinya Z, Sztaricskai FJ, Litkei G, Jekő J, Org. Mass Spectrom. Vol 27, 11, 1271-1275

**α-D-Galactose pentaacetate**see *1,2:3,4,6-Penta-O-acetyl-α-D-galactopyranose*, MP04965 on page 451

## Galactosepen

**b-D-Galactose pentaacetate**

see 1,2,3,4,6-Penta-O-acetyl-b-D-galactopyranose, MP06689 on page 451

**D-Galactose, 1,2,3,4,6-pentabenzate**

see 1,2,3,4,6-Penta-O-benzoyl-D-galactopyranoside, MP16831 on page 453

**a-D-Galactose-1-phosphate**

[2255-14-3]

MD31279

Price On Application

**L-Galactose-1-phosphate**

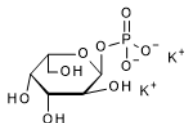
MG30721

Price On Application

**a-L-Galactose-1-phosphate dipotassium salt**[262856-84-8][210100-25-7] C<sub>6</sub>H<sub>11</sub>K<sub>2</sub>O<sub>9</sub>P 336.33

MG00795

1mg	\$136.50
2mg	\$210.00
5mg	\$315.00



Refs: Weers B, Thornburg R, Plant Physiol. 1998, 118, 1101

**a-D-Galactose-1-phosphate dipotassium salt dihydrate**

see a-D-Galactose-1-phosphate dipotassium salt hydrate, MG06733 on page 276

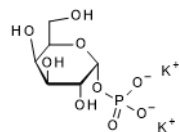
**a-D-Galactose-1-phosphate dipotassium salt hydrate**

• a-D-Galactose-1-phosphate dipotassium salt dihydrate

[19046-60-7] C<sub>6</sub>H<sub>11</sub>K<sub>2</sub>O<sub>9</sub>P·xH<sub>2</sub>O 336.32 (anhydrous basis)

MG06733

250mg	\$70.00
500mg	\$125.00
1g	\$195.00

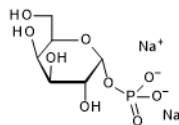


Refs: Wedekind JE, et al, Biochemistry 1996, 35, 11560; Gitzelmann R, Eur. J. Pediatr. 1995, 154, Suppl2, S45

**a-D-Galactose-1-phosphate disodium salt**C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>9</sub>P 304.1

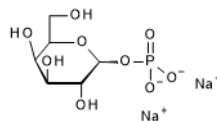
MG07455

1mg	\$89.30
2mg	\$168.00
5mg	\$262.50

**D-Galactose-1-phosphate disodium salt**C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>9</sub>P 304.1

MG04375

50mg	\$85.00
100mg	\$150.00
250mg	\$250.00



Refs: Bissett DL, Anderson RL, J. Bacteriol. 1974, 117(1), 318-320

**a-D-Galactose-sp-biotin**C<sub>25</sub>H<sub>44</sub>N<sub>4</sub>O<sub>9</sub>S 576.7

MG32423

1mg	\$210.00
2mg	\$367.50
5mg	\$787.50

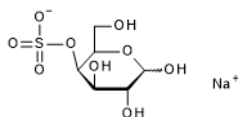


**D-Galactose-3-O-sulphate sodium salt**

MG32095

25mg \$3125.00  
50mg \$3250.00**D-Galactose-4-O-sulphate sodium salt**[125113-68-0] C<sub>6</sub>H<sub>11</sub>O<sub>9</sub>SNa 282.2

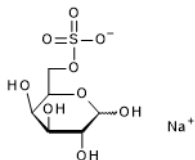
MG00760

1mg \$45.00  
2mg \$80.00  
5mg \$175.00**D-Galactose-6-O-sulphate sodium salt**

• Gal-6S

[125455-62-1] C<sub>6</sub>H<sub>11</sub>O<sub>9</sub>SNa 282.2

MG00761

5mg \$65.70  
10mg \$84.00  
25mg \$182.50**L-Galactose-6-O-sulphate sodium salt**C<sub>6</sub>H<sub>11</sub>O<sub>9</sub>SNa 282.2

MG139164

Price On Application

**D-Galactose tetrabenzoate**see 2,3,4,6-Tetra-O-benzoyl-*a*-D-galactopyranosyl trichloroacetimidate, MT07365 on page 541**D-Galactose tetrabenzoate**

see 2,3,4,6-Tetra-O-benzoyl-D-galactopyranose, MT07364 on page 541

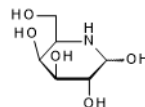
**Galactostatin**

- 5-Amino-5-deoxy-D-galactopyranose
- 6-(Hydroxymethyl)-2,3,4,6-peperidinetetrol
- Galactonojirimycin

[107537-94-0] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub> 179.17

MG06114

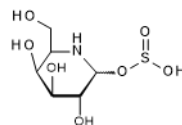
Price On Application

**Galactostatin bisulfite**

- Galactonojirimycin bisulfite
- 5-Amino-5-deoxy-D-galactopyranose
- 6-(Hydroxymethyl)-2,3,4,6-peperidinetetrol hydrogensulfite

[1196465-02-7] C<sub>6</sub>H<sub>13</sub>NO<sub>7</sub>S 243.24

MG07421

1mg \$210.00  
2mg \$390.00  
5mg \$850.00

Refs: Miyake Y, Ebata M, Agric. Biol. Chem, 1988, 53, p153

**a-Galactosylceramide**

- a-Gal-Cer
- N-[(1S,2S,3R)-1-[(a-D-Galactopyranosyloxy)methyl]-2,3-dihydroxyheptadecyl]hexacosanamide
- KRN7000

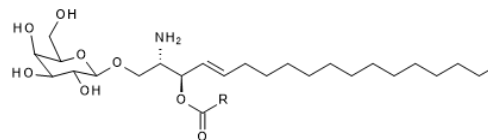
[158021-47-7] C<sub>50</sub>H<sub>99</sub>NO<sub>9</sub> 858.32

MG15978

1mg \$295.00  
2mg \$560.00  
5mg \$1250.00**b-D-Galactosylceramide**

Price On Application

MG10694



## Galactosylce

**C24:1 b-D-Galactosyl ceramide**

• Galactosyl-b-1,1' N-nervonoyl-D-erythro-sphingosine

[17283-91-9] C<sub>48</sub>H<sub>91</sub>NO<sub>8</sub> 810.24

MG145559

Price On Application

**b-D-Galactosylsphingosine - Synthetic**

• Psychose

[2238-90-6] C<sub>24</sub>H<sub>47</sub>NO<sub>7</sub> 461.63

MG44866

1mg \$110.00  
2mg \$190.00  
5mg \$375.00

G

**b-Galactosylceramides - from bovine brain**• Ceramide b-D-galactosides  
• Cerebrosides

[85305-88-0] c.a. 750

MG16193

25mg \$75.00  
50mg \$130.00  
100mg \$210.00**L-Galacturonic acid**

[108729-78-8]

MG04126

Price On Application

**Galactosyl diglyceride - 10 mg/ml solution in chloroform/methanol**

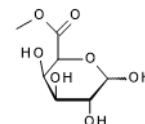
• Monogalactosyl diglyceride

[41670-62-6] C<sub>45</sub>H<sub>86</sub>O<sub>10</sub> 787.16

MG45723

10mg \$480.00  
25mg \$950.00  
50mg \$1430.00**D-Galacturonic acid methyl ester**[16048-08-1] C<sub>7</sub>H<sub>12</sub>O<sub>7</sub> 208.17

MG04019

250mg \$70.00  
500mg \$115.00  
1g \$210.00

Refs: Agius F, Gonzalez-Lamothe R, Caballero JL, Munoz J, et al, Nat. Biotechnol. 2003, 21, 177-181

**Galactosyl-DNJ**

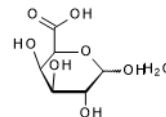
see 2-O-a-D-Galactopyranosyl-1-deoxyojirimycin, MG03577 on page 273

**Galactosyl-b-1,1' N-nervonoyl-D-erythro-sphingosine**

see C24:1 b-D-Galactosyl ceramide, MG145559 on page 278

**D-Galacturonic acid monohydrate**[91510-62-2] C<sub>6</sub>H<sub>10</sub>O<sub>7</sub>·H<sub>2</sub>O 212.15

MG04066

10g \$85.00  
25g \$150.00  
50g \$250.00

Refs: Tang HR, Belton PS, Davies SC, Hughes DL, Carbohydr. Res. 2001, Feb15, 330(3), p391-9; Barbiera M, Granda E, Kovensky J, Carbohydr. Res. 2007, 342, 17, p2635-2640

**a-D-Galacturonic acid 1-phosphate**C<sub>6</sub>H<sub>11</sub>O<sub>10</sub>P 274.12

MG31317

1mg	\$62.20
2mg	\$93.30
5mg	\$186.60

**D-[1-13C]Galacturonic acid potassium salt**

MG28931

Price On Application

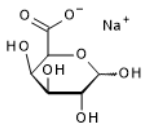
**D-Galacturonic acid sodium salt**

• Sodium galacturonate anhydrous

[14984-39-5] C<sub>6</sub>H<sub>9</sub>NaO<sub>7</sub> 216.12

MG06972

2g	\$50.00
5g	\$90.00
10g	\$138.00

**D-Galacturono-6,3-lactone**

[7330-12-3]

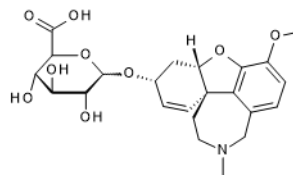
MG01313

Price On Application

**Galantamine-O-D-glucuronide**C<sub>23</sub>H<sub>29</sub>NO<sub>9</sub> 463.48

MG10444

1mg	\$550.00
2mg	\$900.00
5mg	\$1500.00

**b-D-Galactopyranosyl azide tetraacetate**

see 2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl azide, MT06612 on page 523

**Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb1-O-APE-BSA**

see Di-Lex-APE-BSA, MD02526 on page 225

**Gal[246Bn,3All]-b-SPh**

see Phenyl 3-O-Allyl-2,4,6-tri-O-benzyl-1-thio-b-D-galactopyranoside, MP60576 on page 461

**a-Gal-Cer**

see a-Galactosylceramide, MG15978 on page 277

**Gallotannin**

see Tannic acid, MT30443 on page 511

**1-O-Galloyl-b-D-glucose**[13405-60-2] C<sub>13</sub>H<sub>16</sub>O<sub>10</sub> 332.26

MG13684

50mg	\$52.50
100mg	\$79.00
250mg	\$162.50

**1-O-Galloyl-3,6-hexahydroxydiphenol-D-glucopyranose**

see Corilagin, MC11453 on page 151

**2''-O-Galloyl-hyperin**

see Quercetin 3-b-galactoside-2''-O-gallate, MQ08115 on page 486

**Galloylsecol****7-Galloylsecologanol**see *Cornuside*, MC33273 on page 151**7-O-Galloyl-D-sedoheptulose**

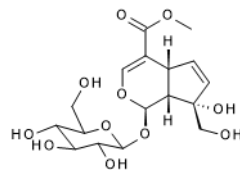
MG33180

Price On Application

**GalNAc**see *N-Acetyl-D-galactosamine*, MA04390 on page 33**b-GalNAc-PEG3-Azide**see *N-Acetyl-b-D-galactosamine-PEG3-azide*, MA106408 on page 34**GalNAc-PP-Und**see *2-Acetamido-2-deoxy-D-galactopyranose diphospho undecapyrenyl*, MA10693 on page 12**GalNAc L-serine**see *2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-Fmoc serine*, MA09628 on page 21**GalNAz**see *N-Azidoacetyl-galactosamine*, MA30909 on page 88**GalNAz tetraacetate**see *1,3,4,6-Tetra-O-acetyl-N-azidoacetyl-galactosamine*, MA46005 on page 515**GalNTGc**see *N-Thioglycolyl-D-galactosamine*, MT145184 on page 557**b-Gal-PEG3-azide tetraacetate**see *2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl PEG3-azide*, MT08604 on page 526**Gal-PUGNAc**see *Galacto-PUGNAc*, MG16732 on page 272**Gardenoside**[24512-62-7] C<sub>17</sub>H<sub>24</sub>O<sub>11</sub> 404.37

MG10445

5mg	\$150.00
10mg	\$250.00
25mg	\$450.00



Refs: Chem. Pharm. Bull., 1972, 20, p1305

**Gastrodin**

• 4Hydroxybenzyl alcohol 4-O-b-D-glucoside

[62499-27-8] C<sub>13</sub>H<sub>18</sub>O<sub>7</sub> 286.28

MG11579

500mg	\$160.00
1g	\$255.00
2g	\$300.00



Refs: Zhong yao tong bao, 1986, 11, p27

**GDP-6-deoxy-a-D-talose**

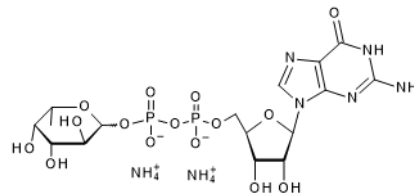
MG31912

Price On Application

**GDP-L-fucose diammonium salt**C<sub>15</sub>H<sub>23</sub>N<sub>5</sub>O<sub>15</sub>P<sub>2</sub>·2H<sub>8</sub> 623.41

MG07459

Price On Application





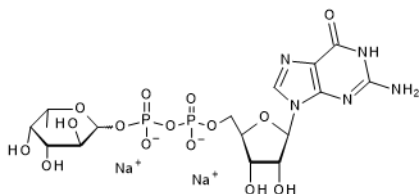
## GDP-L-fucose disodium salt

• Guanosine 5'-diphospho-b-L-fucose disodium salt

[15839-70-0] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>15</sub>P<sub>2</sub>Na<sub>2</sub> 633.31

MG01912

1mg	\$85.00
2mg	\$130.00
5mg	\$235.00



Refs: Wittmann V, Wong C-H, J. Org. Chem. 1997, 62, p2144-2147; Bonin CP, Potter I, Vanzin GF, Reiter WD, Proc. Natl. Acad. Sci. USA 1997, Vol94, p2085-2090

## GDP-L-fucose disodium salt - low endotoxin grade

[15839-70-0] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>15</sub>P<sub>2</sub>Na<sub>2</sub> 633.31

MG61412

1mg	\$100.00
2mg	\$300.00
5mg	\$600.00

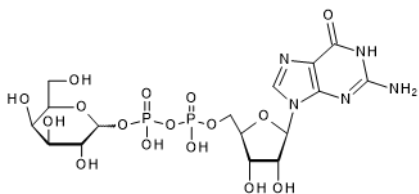


## GDP-D-galactose

[41432-88-6] C<sub>16</sub>H<sub>25</sub>N<sub>5</sub>O<sub>15</sub>P<sub>2</sub> 589.4

MG04974

Price On Application



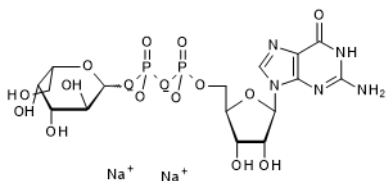
## GDP-L-galactose sodium salt

• Guanosine 5'-diphosphate-L-galactose

[6815-91-4] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>16</sub>P<sub>2</sub>Na<sub>2</sub> 649.3

MG01735

Price On Application



Refs: Barber GA, J. Biol. Chem. 1979, Aug 25, 254(16), 7600-3

## GDP-D-glucose sodium salt

• Guanosine 5'-diphosphoglucose sodium salt

[103301-72-0] C<sub>16</sub>H<sub>25</sub>N<sub>5</sub>O<sub>16</sub>P<sub>2</sub>·xNa 605.34 (free acid basis)

MG31129

1mg	\$50.00
2mg	\$70.00
5mg	\$99.80

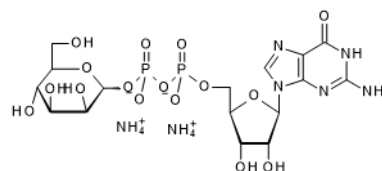


## GDP-D-mannose diammonium salt

C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>16</sub>P<sub>2</sub>·N<sub>2</sub>H<sub>6</sub> 639.4

MG07461

Price On Application



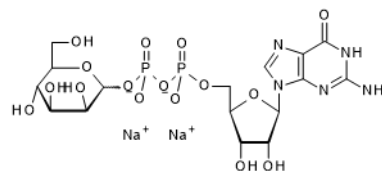
## GDP-D-mannose disodium salt

• Guanosine 5'-diphospho-a-D-mannose disodium salt

[3123-67-9][103301-73-1][148296-46-2] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>16</sub>P<sub>2</sub>Na<sub>2</sub> 649.3

MG05610

5mg	\$75.00
10mg	\$95.00
25mg	\$200.00



Refs: Marolda CL, Valvano MA, J. Bacteriol. 1993, 175(1), 148-158; Koerner C, Lehle L, Von Figura K, Glycobiology Oxford, 1998, Vol8, No2, p165-171

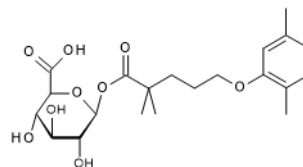
## Gemfibrozil b-D-glucuronide

• 1-[5-(2,5-Dimethylphenoxy)-2-dimethylpentanoate] b-D-glucopyranuronic acid

[91683-38-4] C<sub>21</sub>H<sub>30</sub>O<sub>9</sub> 426.47

MG07427

1mg	\$220.00
2mg	\$410.00
5mg	\$775.00



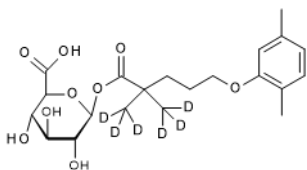
**Gemfibrozil****Gemfibrozil b-D-glucuronide-D6**

• 1-[5-(2,5-Dimethylphenoxy)-2,2-dimethylpentanoate] b-D-glucopyranuronic acid

C<sub>21</sub>H<sub>24</sub>D<sub>6</sub>O<sub>9</sub> 432.49

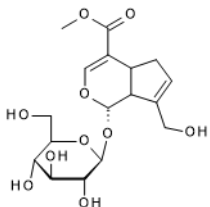
MG07428

1mg	\$367.50
2mg	\$735.00
5mg	\$1470.00

**Geniposide**[24512-63-8] C<sub>17</sub>H<sub>24</sub>O<sub>10</sub> 388.37

MG09208

5 g	\$68.30
10g	\$99.80
25g	\$184.00



Refs: Tetrahedron Lett, 1969, 28, p2347

**Genistein D4-7-O-glucoside**

MG11752

Price On Application

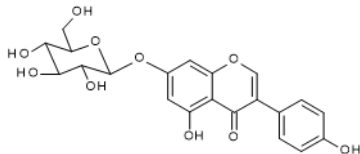
**Genistin**

- 7-(b-D-Glucopyranosyloxy)-5-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one
- 4,5,7-Trihydroxyisoflavone 7-b-D-glucoside

[529-59-9] C<sub>21</sub>H<sub>20</sub>O<sub>10</sub> 432.38

MG08126

50mg	\$75.00
100mg	\$120.00
250mg	\$175.00



Refs: Aust. J. Chem, 1971, 25, p1509

**Genistin 6-O-acetate**

see 6-O-Acetylgenistin, MA09967 on page 34

**Genistin 6-O-malonate**

see 6-O-Malonylgenistin, free acid, MM09963 on page 353

**Gentiopictin**

see Gentiopicroside, MG09586 on page 282

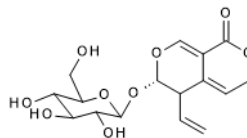
**Gentiopicroside**

• Gentiopictin

[20831-76-9] C<sub>16</sub>H<sub>20</sub>O<sub>9</sub> 356.33

MG09586

10mg	\$60.00
25mg	\$121.00
50mg	\$184.00



Refs: Tetrahedron Lett, 1960, 24, p7

**Geraniin**[60976-49-0] C<sub>41</sub>H<sub>28</sub>O<sub>27</sub> 952.64

MG74023

10mg	\$80.00
25mg	\$160.00
50mg	\$272.00

**Geranyl b-D-glucoside**[22850-13-1] C<sub>16</sub>H<sub>28</sub>O<sub>8</sub> 316.39

MG15594

1mg	\$95.00
2mg	\$150.00
5mg	\$300.00



**Ginsenoside F1**[53963-43-2] C<sub>36</sub>H<sub>62</sub>O<sub>9</sub> 638.87

MG33284

5mg \$80.00  
10mg \$130.00  
25mg \$250.00**Ginsenoside Ft1**

MG33285

Price On Application

**Ginsenoside C-K**

• Ginsenoside K

[39262-14-1] C<sub>36</sub>H<sub>62</sub>O<sub>8</sub> 622.87

MG33283

2mg \$52.00  
5mg \$100.00  
10mg \$160.00**Ginsenoside K**see *Ginsenoside C-K*, MG33283 on page 283**Ginsenoside Rh10**see *Pseudoginsenoside Rh2*, OP63248 on page 483**GlcA[234Ac,6Me]-b-SPh**see *Methyl (Phenyl 2,3,4-Tri-O-acetyl-1-thio-b-D-glucopyranosid)uronate*, MM60569 on page 412**GlcCer**see *Glycosylceramide*, MG16326 on page 305**GlcCer**see *Glycosylceramide - from plant origin*, MG158951 on page 306**p-glc-DOPA**see *4'-O-(b-D-Glucopyranosyl)-L-DOPA*, MG10448 on page 290**5S-GlcNAc**see *2-Acetamido-2-deoxy-5-thio-D-glucose*, MA146797 on page 16**GlcNAc**see *N-Acetyl-D-glucosamine*, MA00834 on page 35**GlcNAc-BSA**see *N-Acetylglucosamine-BSA*, MA58624 on page 35**GlcNAc-a-OMe**see *Methyl 2-acetamido-2-deoxy-a-D-glucopyranoside*, MM04776 on page 372**GlcNAc-b-OMe**see *Methyl 2-acetamido-2-deoxy-b-D-glucopyranoside*, MM05306 on page 372**b-GlcNAc-PEG3-N3**see *N-Acetyl-b-D-glucosamine-PEG3-azide*, MN106409 on page 35**GlcNAc-b-O-L-Serine**see *2-Acetamido-2-deoxy-D-glucopyranosyl serine*, MA06742 on page 15**GlcNAc thiazoline**see *N-Acetyl-glucosaminyl thiazoline*, MA141200 on page 36**b-D-GlcNAc-(1→N)-Asn**see *2-Acetamido-2-deoxy-b-D-glucopyranosyl L-asparagine*, MA09584 on page 14**GlcNaz**see *N-Azidoacetylglucosamine*, MA30911 on page 88**GlcNAz tetraacetate**see *1,3,4,6-Tetra-O-acetyl-N-azidoacetylglucosamine*, MA46003 on page 515**GlcNPhth[36Bn,4Ac]-b-MP**see *4-Methoxyphenyl 4-O-Acetyl-3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside*, MM60593 on page 363

## Globularin

## Globularin

[1399-49-1] C<sub>24</sub>H<sub>28</sub>O<sub>11</sub> 492.47

MG45064

Price On Application



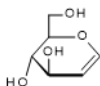
G

## D-Glucal

[13265-84-4] C<sub>6</sub>H<sub>10</sub>O<sub>4</sub> 146.14

MG04732

5g	\$45.00
10g	\$75.00
25g	\$145.00



Refs: Korytnyk W, Dodson-Simmons O, Carbohydr. Res. 1984, Aug 1, p157



## a-Glucametacin

- 2-[[[1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl]acetyl]amino]-2-deoxy-a-D-glucopyranose
- a-Glucametacin
- a-Glucamethacin

[871014-84-5] C<sub>25</sub>H<sub>27</sub>ClN<sub>2</sub>O<sub>8</sub> 518.94

MG16734

100mg	\$180.00
250mg	\$375.00
500mg	\$450.00



Refs: Mizuma, T, et al, Biochem. Pharmacol, 43, 2037 (1992); Giraud, I, et al, Bioconjugate Chem, 11, 212 (2000); Reginster, J, et al, Lancet, 357, 251 (2001)

## a-Glucametacine

see a-Glucametacin, MG16734 on page 284

## a-Glucamethacin

see a-Glucametacin, MG16734 on page 284

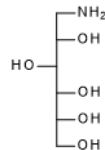
## D-Glucamine

- 1-Amino-1-deoxy-D-glucitol
- 1-Amino-1-deoxy-L-sorbitol
- Glycamine

[488-43-7] C<sub>6</sub>H<sub>15</sub>NO<sub>5</sub> 181.19

MG06629

5g	\$85.00
10g	\$150.00
25g	\$325.00



Refs: Licha K, Riefke B, Nitzsachristos V, Becker A, Photochem. Photobiol. 2000, 72, 3, p392

## D-Glucarate monopotassium

[576-42-1] C<sub>6</sub>H<sub>9</sub>O<sub>8</sub>·K 248.23

MG33323

5g	\$90.00
10g	\$150.00
25g	\$250.00



## D-Glucaric acid calcium salt

see Calcium D-saccharate tetrahydrate, MC04536 on page 134

## Glucaric acid calcium salt tetrahydrate

see Calcium D-saccharate tetrahydrate, MC04536 on page 134

## D-Glucaric acid 1,4:6,3-dilactone

see 1,4:6,3-Glucarodilactone, MG61726 on page 285

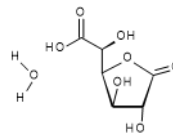
## D-Glucaric acid-1,4-lactone

- D-Saccharolactone
- D-Saccharic acid 1,4-lactone monohydrate

[61278-30-6] C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>·H<sub>2</sub>O 210.14

MG07426

500mg	\$85.00
1g	\$150.00
2g	\$250.00



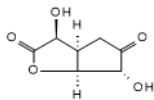
**1,4:6,3-Glucarodilactone**

• D-Glucaric acid 1,4:6,3-dilactone

[826-91-5] C<sub>8</sub>H<sub>8</sub>O<sub>6</sub> 174.11

MG61726

500mg	\$950.00
1g	\$1300.00
2g	\$1750.00

**D-Glucaro-delta-lactam**see *D-Glucaro-1,5-lactam potassium salt*, MG58743 on page 285**D-Glucaro-1,5-lactam potassium salt**

- (2R,3R,4S,5R)-3,4,5-Trihydroxy-6-oxo-2-piperidinecarboxylic acid potassium salt
- D-Glucaro-delta-lactam

[53834-55-2][31675-02-2] C<sub>6</sub>H<sub>9</sub>NO<sub>6</sub>·xK 191.14 (free acid basis)

MG58743

1mg	\$95.00
2mg	\$150.00
5mg	\$250.00

**D-Glucitol**see *D-Sorbitol*, MS00451 on page 506**Glucocerebrosides**see *Glycosylceramide*, MG16326 on page 305**Glucocerebrosides**see *Glycosylceramide - from plant origin*, MG158951 on page 306**a-D-Glucochloralose**see *a-Chloralose*, MC06906 on page 141**D-Glucofuranuronic acid, γ-lactone, 1,6-13C2**see *D-Glucofuranuronic acid, γ-lactone, 1,6-13C2*, MG46713 on page 285**D-Glucofuranuronic acid, γ-lactone, 1,6-13C2**

- D-Glucofuranuronic acid, γ-lactone, 1,6-13C2
- D-Glucofuranuronic acid, γ-lactone, 1,6-13C2

13C<sub>2</sub>-C<sub>6</sub>H<sub>8</sub>O<sub>6</sub> 2289.61

MG46713

Price On Application

**D-Glucoheptonic acid - 50% aqueous solution**

• Heptagluconic acid

[23351-51-1] C<sub>7</sub>H<sub>14</sub>O<sub>8</sub> 226.18

MG34886

50g	\$100.00
100g	\$175.00
200g	\$300.00

**a-D-Glucoheptonic acid calcium salt**

- Calcium a-D-heptagluconate hydrate
- Calcium (2R,3R,4S,5R,6R)-2,3,4,5,6,7-hexahydroxyheptanoate

[17140-60-2][29039-00-7][10030-53-2] C<sub>14</sub>H<sub>26</sub>CaO<sub>16</sub>·xH<sub>2</sub>O 490.42 (anhydrous basis)

MG29979

250g	\$80.00
500g	\$125.00
1kg	\$190.00

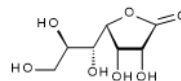
**D-Glucoheptonic acid-1,4-lactone**

- D-glycero-D-gulo-heptono-1,4-lactone
- D-gluco-heptono-gamma-lactone

[89-67-8][60046-25-5][15397-07-6] C<sub>7</sub>H<sub>12</sub>O<sub>7</sub> 208.17

MG00664

25g	\$65.00
50g	\$110.00
100g	\$195.00



Refs: Pilakowska-Pietras D, Lunkenheimer K, Piasecki A, J Colloid Interface Sci, 2004, 1, p192



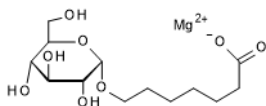
**Glucoheptoni****a-D-Glucoheptonic acid magnesium salt**

• Magnesium a-glucoheptonate

[68475-44-5] C<sub>13</sub>H<sub>23</sub>O<sub>8</sub>·½Mg 331.62

MG05407

250g	\$67.50
500g	\$105.00
1kg	\$157.50

**a-D-Glucoheptonic acid sodium salt**• D-Glycero-D-guloheptonic acid  
• Glucosemonocarboxylic acid[10094-62-9] C<sub>7</sub>H<sub>13</sub>O<sub>8</sub>Na 248.16

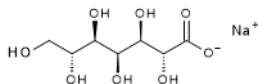
MG34885

100g	\$85.00
250g	\$150.00
500g	\$235.00

**Glucoheptonic acid sodium salt**see *D-Glucoheptonic acid sodium salt dihydrate*, MG01732 on page 286**D-Glucoheptonic acid sodium salt dihydrate**• Glucoheptonic acid sodium salt  
• Sodium glucoheptonate dihydrate[31138-65-5][13007-85-7] C<sub>7</sub>H<sub>13</sub>O<sub>8</sub>Na 248.16

MG01732

250g	\$45.00
500g	\$75.00
1kg	\$140.00

**D-gluco-heptono-gamma-lactone**see *D-Glucoheptonic acid-1,4-lactone*, MG00664 on page 285**alpha-D-Glucoheptose**

• D-Glycero-D-glucoheptose

[6946-18-5] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.18

MG66361

10mg	\$50.00
25mg	\$100.00
50mg	\$175.00

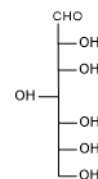
**D-Glucoheptose**

• D-Glycero-D-gulo-heptose

[62475-58-5] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.18

MG05213

50mg	\$110.00
100mg	\$190.00
250mg	\$375.00



Refs: Pratt JW, Richtmyer NK, Hudson CS, J. Am. Chem. Soc. 1952, Vol24, p2210

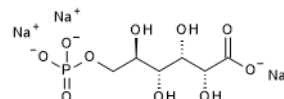
**D-Gluconate 6-phosphate trisodium salt dihydrate**

• 6-Phosphogluconic acid trisodium salt

[53411-70-4] C<sub>6</sub>H<sub>10</sub>O<sub>10</sub>P·3Na·2H<sub>2</sub>O 378.11

MG10466

250mg	\$75.00
500mg	\$125.00
1g	\$225.00

**D-Gluconic acid - 45-50% in water**[526-95-4] C<sub>6</sub>H<sub>12</sub>O<sub>7</sub> 196.16

MG15339

500g	\$60.00
1Kg	\$100.00
2Kg	\$150.00



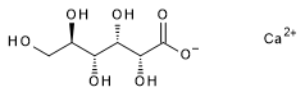
**D-Gluconic acid calcium salt**

• Calcium D-gluconate

[299-28-5][18016-24-5] C<sub>6</sub>H<sub>11</sub>O<sub>7</sub>·½Ca 215.19

MG07602

2kg	\$30.00
5kg	\$60.00
10kg	\$110.00

**L-Gluconic acid calcium salt**

• Calcium L-gluconate

[152772-65-1] C<sub>6</sub>H<sub>11</sub>O<sub>7</sub>·½Ca 215.19

MG29644

100mg	\$125.00
250mg	\$225.00
500mg	\$350.00

**D-Gluconic acid calcium salt monohydrate**

• Calcium D-gluconate monohydrate

[66905-23-5] C<sub>12</sub>H<sub>22</sub>CaO<sub>14</sub>·H<sub>2</sub>O 448.39

MG29978

1kg	\$70.00
2kg	\$120.00
5kg	\$250.00

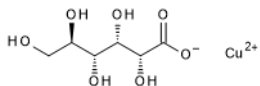
**D-Gluconic acid copper (II) salt**

• Copper gluconate

[527-09-3] C<sub>6</sub>H<sub>11</sub>O<sub>7</sub>·½Cu 226.93

MG07603

250g	\$50.00
500g	\$70.00
1kg	\$118.00

**D-Gluconic acid hemimagnesium hydrate**see *D-Gluconic acid magnesium (II) hydrate*, MG07605 on page 287**D-(+)-Gluconic acid d-lactone**see *D-Glucono-1,5-lactone*, MG03824 on page 288**L-Gluconic acid d-lactone**see *L-Glucono-1,5-lactone*, MG05185 on page 288**D-Gluconic acid lithium salt**

• Lithium D-gluconate

[60816-70-8] C<sub>6</sub>H<sub>11</sub>O<sub>7</sub>Li 202.09

MG44410

50g	\$90.00
100g	\$150.00
250g	\$300.00

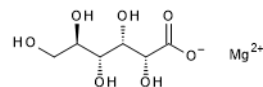
**D-Gluconic acid magnesium (II) hydrate**

- D-Gluconic acid hemimagnesium hydrate
- Magnesium gluconate hydrate

[336879-53-9] C<sub>6</sub>H<sub>11</sub>O<sub>7</sub>·½Mg·xH<sub>2</sub>O 207.30 (anhydrous basis)

MG07605

500g	\$65.00
1Kg	\$100.00
2Kg	\$150.00

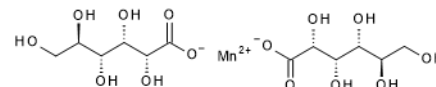
**D-Gluconic acid manganese salt**

• Manganese gluconate

[6485-39-8] 2C<sub>6</sub>H<sub>11</sub>O<sub>7</sub>·Mn 445.24

MG10458

250g	\$125.00
500g	\$225.00
1kg	\$315.00

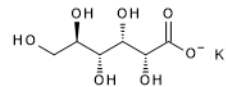
**D-Gluconic acid potassium salt**

• Potassium gluconate

[299-27-4] C<sub>6</sub>H<sub>11</sub>KO<sub>7</sub> 234.25

MG07606

25g	\$52.50
50g	\$82.00
100g	\$130.00



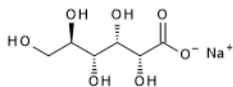
**Gluconicacid****D-Gluconic acid sodium salt**

• Sodium gluconate

[527-07-1] C<sub>6</sub>H<sub>11</sub>NaO<sub>7</sub> 218.14

MG07373

1kg	\$40.00
2kg	\$70.00
5kg	\$150.00



G

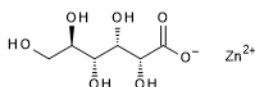
**D-Gluconic acid zinc (II) salt**

• Zinc Gluconate dihydrate

[4468-02-4] C<sub>12</sub>H<sub>22</sub>O<sub>14</sub>Zn 455.68

MG07607

250g	\$40.00
500g	\$55.00
1kg	\$84.00

**D-Glucono-1,4-lactone**[1198-69-2] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MG64855

100mg	\$60.00
250mg	\$95.00
500mg	\$175.00

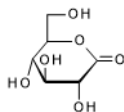
**D-Glucono-1,5-lactone**

- 1,2,3,4,5-Pentahydroxycaproic acid δ-lactone
- D-(+)-Gluconic acid d-lactone

[90-80-2] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MG03824

1kg	\$31.50
2kg	\$40.00
5kg	\$62.50



Refs: Banon S, Hardy J, Journal of Dairy Science 1992

**L-Glucono-1,4-lactone**C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MG59520

100mg	\$125.00
250mg	\$225.00
500mg	\$350.00

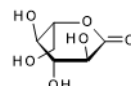
**L-Glucono-1,5-lactone**

• L-Gluconic acid d-lactone

[52153-09-0] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MG05185

100mg	\$95.00
250mg	\$175.00
500mg	\$200.00



Refs: Kang SJ, Lee SK, Bull. Korean Chem. Soc, 2003, 24, p, p535

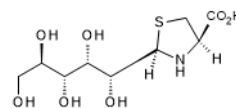
**2-(D-Gluco-pentylhydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid**

• D-Gluco-(2R,4R)-2-polyhydroxyalkyl-1,3-thiazolidine-4-carboxylic acid

[88271-29-8] C<sub>10</sub>H<sub>19</sub>NO<sub>7</sub>S 297.33

MG01039

200mg	\$74.00
500mg	\$160.00
1g	\$262.50

**Glucopeonidin**see *Peonidin 3-O-glucoside chloride, MP44894* on page 458**D-Gluco-(2R,4R)-2-polyhydroxyalkyl-1,3-thiazolidine-4-carboxylic acid**see *2-(D-Gluco-pentylhydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid, MG01039* on page 288**D-Glucopyranose**see *D-Glucose - monohydrate, MG05194* on page 296**α-D-Glucopyranose, 2-deoxy-2-[(3-hydroxy-1-oxotetradecyl)amino]-, 1-(dihydrogen phosphate) 3-(3-hydroxytetradecanoate), [2(R),3(R)]-**see *Lipid X, ML76134* on page 348



**D-Glucopyranose 1,2,3,4,6-pentabenzoate**

see 1,2,3,4,6-Penta-O-benzoyl-D-glucopyranoside, MP16832 on page 454

**D-Glucopyranose-6-phosphate**see D-Glucose-6-phosphate - 1M, in H<sub>2</sub>O, MG04072 on page 298**D-Glucopyranose 2,3,4,6-tetrabenzoate**

see 2,3,4,6-Tetra-O-benzoyl-D-glucopyranose, MT07515 on page 542

**b-D-glucopyranose-1,3,6-tris(3,4,5-trihydroxybenzoate)**

see 1,3,6-Tri-O-galloylglucose, MT12782 on page 590

**b-D-Glucopyranoside, ethyl 2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-3-O-(phenylmethyl)-4,6-O-[(R)-phenylmethylene]-1-**

see Ethyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-2-N-phthalamido-a-D-thioglucoyanoside, ME46482 on page 243

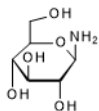
**b-D-Glucopyranosyl amine**

• 1-Amino-1-deoxy-b-D-glucose

[7284-37-9] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub> 179.17

MG06851

100mg	\$75.00
250mg	\$125.00
500mg	\$200.00

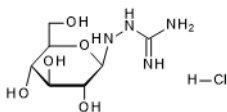
**N1-b-D-Glucopyranosylamino-guanidine HCl**

• N1-Glucopyranosylamino-guanidines HCl

[109853-81-8] C<sub>7</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub>·HCl 272.69

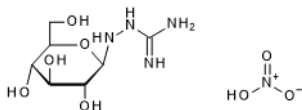
MG01966

200mg	\$74.00
500mg	\$160.00
1g	\$252.00

**N1-b-D-Glucopyranosylamino-guanidine HNO<sub>3</sub>**[109853-83-0] C<sub>7</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub>·HNO<sub>3</sub> 299.24

MG00705

250mg	\$52.50
500mg	\$105.00
1g	\$168.00

**N-D-Glucopyranosyl-5-aminosalicylic acid**[123135-21-7] C<sub>13</sub>H<sub>17</sub>NO<sub>8</sub> 315.28

MG46575

Price On Application

**8-C-b-D-Glucopyranosylapigenin**

see Vitexin, MV08032 on page 601

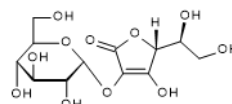
**2-O-a-D-Glucopyranosyl-L-ascorbic acid**

• Ascorbic acid 2-glucoside

[129499-78-1] C<sub>12</sub>H<sub>18</sub>O<sub>11</sub> 338.26

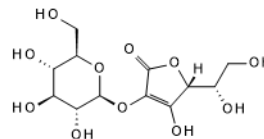
MG12858

25g	\$75.00
50g	\$95.00
100g	\$150.00

**2-O-b-D-Glucopyranosyl-L-ascorbic acid**[562043-82-7] C<sub>12</sub>H<sub>18</sub>O<sub>11</sub> 338.26

MG29853

Price On Application

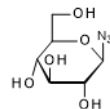
**b-D-Glucopyranosyl azide**

• 1-Azido-1-deoxy-b-D-glucopyranoside

[20379-59-3] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MG04243

50mg	\$55.00
100mg	\$80.00
250mg	\$150.00

**a-D-Glucopyranosyl bromide-2,3,4,6-tetraacetate**

see 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide, MT03359 on page 528

**Glucopyranos****a-D-Glucopyranosyl bromide-2,3,4,6-tetraacetate**

see 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide - 2% CaCO<sub>3</sub>, MT07013 on page 528

**a-D-Glucopyranosyl bromide tetrabenzoate**

see 2,3,4,6-Tetra-O-benzoyl-a-D-glucopyranosyl bromide, MT06726 on page 542

**2-O-b-D-Glucopyranosylcucurbitacin E**

- (9β,10α,16α,23E)-25-(Acetyloxy)-2-(β-D-glucopyranosyloxy)-16,20-dihydroxy-9-methyl-19-norlanosta-1,5,23-triene-3,11,22-trione
- Coloside A
- Cucurbitacin E 2-O-b-D-glucopyranoside

[1398-78-3] C<sub>38</sub>H<sub>54</sub>O<sub>13</sub> 718.83

MG157159

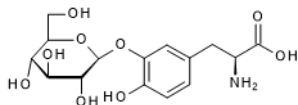
5mg \$195.00  
10mg \$350.00  
25mg \$700.00

**3'-O-(b-D-Glucopyranosyl)-L-DOPA**

C<sub>15</sub>H<sub>21</sub>NO<sub>9</sub> 359.33

MG10447

5mg \$693.00

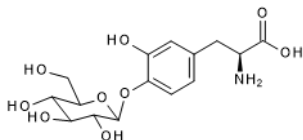
**4'-O-(b-D-Glucopyranosyl)-L-DOPA**

- p-glc-DOPA

C<sub>15</sub>H<sub>21</sub>NO<sub>9</sub> 359.33

MG10448

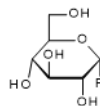
1mg \$157.50  
2mg \$280.00

**a-D-Glucopyranosyl fluoride**

C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MG09102

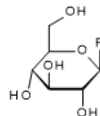
50mg \$95.00  
100mg \$175.00  
250mg \$300.00

**b-D-Glucopyranosyl fluoride**

[7617-95-0] C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub> 182.15

MG11187

Price On Application

**4-O-a-D-Glucopyranosyl-b-D-glucopyranosyl azide**

see b-Maltosyl azide, MM05282 on page 353

**4-O-b-D-Glucopyranosyl-b-D-glucopyranosyl azide**

see b-Cellobiosyl azide, MC05699 on page 139

**2-(b-D-Glucopyranosyl)-7-(b-D-glucopyranosyloxy)-1,3,6-trihydroxy-9H-xanthen-9-one**

see Neomangiferin, MN08123 on page 438

**8-b-D-Glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one**

see Puerarin, MP08125 on page 484

**8-b-D-Glucopyranosyl-7-hydroxy-5-methyl-2-(2-oxopropyl)-4H-1-benzopyran-4-one**

see Aloeresin, MA146489 on page 53

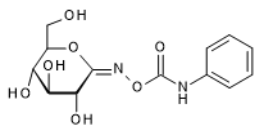
**O-(D-Glucopyranosylidene)amino N-phenylcarbamate**

• PUGLU

[104012-84-2] C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>7</sub> 312.28

MG07449

2mg	\$89.30
5mg	\$168.00
10mg	\$283.50



Refs: Miller DJ, et al., Development. 1993, 118, p1279

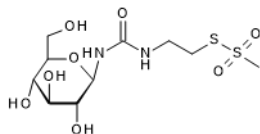
**N-(b-D-Glucopyranosyl)-N'-[(2-methanethiosulfonyl)ethyl]urea**

• MTS-5-glucose

C<sub>10</sub>H<sub>20</sub>N<sub>2</sub>O<sub>8</sub>S<sub>2</sub> 360.4

MG07448

5mg	\$89.30
10mg	\$168.00
25mg	\$262.50

**trans-beta-D-Glucopyranosyl methylacetoacetate**

[55018-21-8]

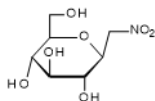
MG67115

50mg	\$50.00
100mg	\$90.00
250mg	\$150.00

**b-D-Glucopyranosyl nitromethane**[81846-60-8] C<sub>7</sub>H<sub>13</sub>NO<sub>7</sub> 223.18

MG01738

2g	\$142.80
5g	\$325.50
10g	\$598.50

**N-(b-D-Glucopyranosyl)octanamide**see *Octanoyl b-D-glucosylamine*, MO01968 on page 444**(4E)-6-[4-(b-D-Glucopyranosyloxy)-1,3-dihydro-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl]-4-methyl-4-hexenoic acid**see *Mycophenolic acid phenolic b-D-glucoside*, MM16812 on page 434**1-[2-(b-D-Glucopyranosyloxy)-4,6-dihydroxyphenyl]-3-(4-hydroxyphenyl)-1-propanone**see *Phloridzin*, MP08132 on page 474**1-[2-(b-D-Glucopyranosyloxy)-4,6-dihydroxyphenyl]-3-(4-hydroxyphenyl)-1-propanone**see *Phloridzin hydrate*, MP10844 on page 475**3-(b-D-Glucopyranosyloxy)-4-hydroxy-cinnamic acid**see *Caffeic acid 3-O-b-D-glucopyranoside*, MC16643 on page 133**3-(b-D-Glucopyranosyloxy)-4-hydroxycinnamic acid**see *Caffeic acid 3-O-b-D-glucopyranoside*, MC16643 on page 133**6-(b-D-Glucopyranosyloxy)-7-hydroxycoumarin**see *Esculin monohydrate*, ME08138 on page 238**7-(b-D-Glucopyranosyloxy)-5-hydroxy-3-(3-hydroxy-4,5-dimethoxyphenyl)-6-methoxychromen-4-one**see *Iridin*, MI59461 on page 330**7-(b-D-Glucopyranosyloxy)-5-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one**see *Genistin*, MG08126 on page 282**7-(b-D-Glucopyranosyloxy)-5-hydroxy-3-(4-hydroxyphenyl)-6-methoxy-4H-1-benzopyran-4-one**see *Tectoridin*, MT08139 on page 512**7-(b-D-glucopyranosyloxy)-3-(4-hydroxyphenyl)-4H-benzopyran-4-one**see *Daidzin*, MD08124 on page 157**7-(b-D-Glucopyranosyloxy)-3-(4-hydroxyphenyl)-6-methoxy-4H-1-benzopyran-4-one**see *Glycitin*, MG08014 on page 305**3-[3-(b-D-Glucopyranosyloxy)-4-hydroxyphenyl]-2-propenoic acid**see *Caffeic acid 3-O-b-D-glucopyranoside*, MC16643 on page 133**4-(b-D-Glucopyranosyloxy)-3-methoxybenzaldehyde**see *Glucovanillin*, MG66011 on page 301

## Glucopyranos

6-((E)-4-b-D-Glucopyranosyloxy-3-methylbut-2-enylamino) purine

see *trans-Zeatin-O-glucoside*, MZ30318 on page 606

6-((Z)-4-b-D-glucopyranosyloxy-3-methylbut-2-enylamino)purine

see *cis-Zeatin-o-glucoside*, MZ30352 on page 605

6-(4-b-D-glucopyranosyloxy-3-methylbutyl)amino-9-b-D-ribofuranosyl purine

see *Dihydrozeatin-O-glucoside riboside*, MD63361 on page 216

2-(b-D-Glucopyranosyloxy)-2-methylbutyronitrile

see *Lotaustralin*, ML10456 on page 349

2-(b-D-Glucopyranosyloxy)-2-methylbutyronitrile

see *rac-Lotaustralin*, ML36343 on page 350

7-[(b-D-Glucopyranosyloxy)methyl]-2,3-dihydro-2-(1-hydroxy-1-methylethyl)-4-methoxy-, (2S)-5H-furo[3,2-g][1]benzopyran-5-one

see *Prim-O-glucosylcimifugin*, MP08135 on page 479

[R-[R\*,S\*-(E)]]-N-[1-[(b-D-Glucopyranosyloxy)methyl]-2-hydroxy-3-heptadecenyl]butanamide

see *b-D-Glucosyl C4-ceramide*, MG16737 on page 300

2-(b-D-Glucopyranosyloxy)-2-methyl-propanenitrile

see *Linamarin*, ML04551 on page 348

4-[4-(b-D-Glucopyranosyloxy)phenyl]-2-butanone

see *Raspberry ketone glucoside*, MR15464 on page 490

3-[4-(b-D-Glucopyranosyloxy)phenyl]-5,7-dihydroxy-4H-1-benzopyran-4-one

see *Sophoricoside*, MS08127 on page 506

2-[4-(b-D-Glucopyranosyloxy)phenyl]-5-hydroxy-6,7-dimethoxy-4H-1-Benzopyran-4-one

see *Cirsimarín*, MC13481 on page 148

N-[(7S)-3-(b-D-Glucopyranosyloxy)-5,6,7,9-tetrahydro-1,2-dimethoxy-10-(methylthio)-9-oxobenzo[a]heptalen-7-yl]formamide

see *N-Desacetyl-N-formyl thiocolchicoside*, MD16686 on page 188

N-[(7S)-3-(b-D-Glucopyranosyloxy)-5,6,7,9-tetrahydro-1,2,10-trimethoxy-9-oxobenzo[a]heptalen-7-yl]acetamide

see *Colchicoside*, MC16661 on page 150

(S)-N-[3-(b-D-Glucopyranosyloxy)-5,6,7,9-tetrahydro-1,2,10-trimethoxy-9-oxobenzo[a]heptalen-7-yl]acetamide

see *Colchicoside*, MC16661 on page 150

(4R)-4-(b-D-Glucopyranosyloxy)-2,6,6-trimethyl-1-cyclohexene-1-carboxaldehyde

see *Picrocrocin*, MP156887 on page 476

4'-O-(b-D-Glucopyranosyl)-D-pantothenic acid

[29493-59-2] C<sub>15</sub>H<sub>27</sub>NO<sub>10</sub> 381.38

MG71476

Price On Application



a-D-Glucopyranosylphenyl Isothiocyanate

see *4-Isothiocyanatophenyl-a-D-glucopyranoside*, MI04543 on page 343

8-b-D-Glucopyranosyl-7,8,9,10-tetrahydro-tetrahydro-6,10-methano-6H-pyrazino[2,3-h][3]benzazepine

see *Varenicline N-glucoside*, MV16891 on page 601

8-b-D-Glucopyranosyl-3',4',7'-tetrahydroxyflavone

see *Orientin*, MO08113 on page 447

2-b-D-Glucopyranosyl-1,3,6,7-tetrahydroxy-9H-Xanthen-9-one

see *Mangiferin - 90%*, MT08923 on page 354

2-S-b-D-Glucopyranosyl-2-thiol-D-glucopyranose

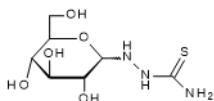
see *Thiosphorose*, MT04062 on page 557

G

**D-Glucopyranosyl thiosemicarbazide**[154634-24-9] C<sub>7</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>S 253.28

MG00708

100mg	\$84.00
250mg	\$137.50
500mg	\$210.00

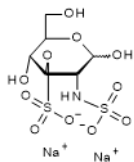
**D-Glucopyranuronic acid methyl ester 2,3,4-triacetate-1-[2,2,2-trifluoro-N-(4-methoxyphenyl)ethanimidate]**see *Methyl 2,3,4-triacetyl-D-glucopyranosiduronyl 1-(N-(4-methoxyphenyl)-2,2,2-trifluoroacetimidate*, MM16788 on page 420**N-b-D-Glucopyranuronosyl-10,11-dihydro-N,N-dimethyl-5H-dibenz[b,f]azepine-5-propanaminium inner salt**see *Imipramine N-b-D-glucuronide*, MI16758 on page 325**4-O-b-D-Glucopyranuronosyl-D-glucose**see *Cellobiuronic acid*, MC04373 on page 139**1-b-D-Glucopyranuronosyl-3[(2S)-1-nitroso-2-pyrrolidinyl]-pyridinium**see *N'-Nitrosornicotine-N-b-D-glucuronide - Mixture Of Diastereomers*, MN07305 on page 441**N-b-D-Glucopyranuronosyl-N,N,a-trimethyl-10H-phenothiazine-10-ethanaminium inner salt**see *Promethazine N-b-D-glucuronide*, MP16839 on page 479**D-Glucosamine N2,3-disulfate disodium salt**see *D-Glucosamine-2-N,3-O-disulphate disodium salt*, MG00755 on page 293**D-Glucosamine-2-N,3-O-disulphate disodium salt**

- D-Glucosamine N2,3-disulfate disodium salt
- 2-Deoxy-2-sulfamino-D-glucopyranose-3-sulfate

[112898-34-7] C<sub>6</sub>H<sub>11</sub>NO<sub>11</sub>S<sub>2</sub>Na<sub>2</sub> 383.25

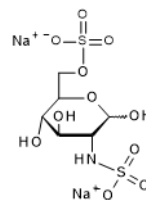
MG00755

5mg	\$89.30
10mg	\$168.00
25mg	\$336.00

**D-Glucosamine-2-N,6-O-disulphate disodium salt**[202266-99-7] C<sub>6</sub>H<sub>11</sub>NO<sub>11</sub>S<sub>2</sub>Na<sub>2</sub> 383.26

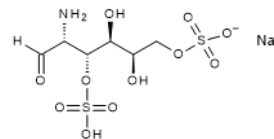
MG00757

5mg	\$78.80
10mg	\$136.50
25mg	\$210.00

**D-Glucosamine-3,6-di-O-sulphate sodium salt**[536741-53-4] C<sub>6</sub>H<sub>12</sub>NO<sub>11</sub>S<sub>2</sub>Na 361.28

MG03719

1mg	\$60.00
2mg	\$98.00
5mg	\$150.00

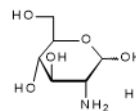
**D-Glucosamine HCl - non-animal origin**

- 2-Amino-2-deoxy-D-glucose HCl
- D-Aminoglucose HCl

[66-84-2] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MG05262

1kg	\$60.00
2kg	\$110.00
5kg	\$225.00

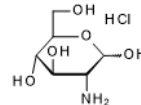


Refs: Aghazadeh-Habashi A, Sattari S, Pasutto F, Jarmali F, J. Pharm. Pharmaceut. Sci. 2002, 5(2), 181-184

**D-Glucosamine HCl - sea shell origin**[66-84-2] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MG10695

1Kg	\$60.00
2Kg	\$110.00
5Kg	\$250.00



## Glucosamineh

## L-Glucosamine hydrochloride

• 2-Amino-2-deoxy-L-glucose

[69839-78-7] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub> 179.17

MG111975

Price On Application

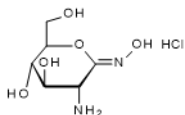


## D-Glucosamine-oxime HCl

[54947-34-1] C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>·HCl 228.63

MG07026

250mg	\$92.50
500mg	\$135.00
1g	\$210.00



## α-D-Glucosamine pentaacetate

see 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-α-D-glucopyranose, MA07519 on page 20

## β-D-Glucosamine pentaacetate

see 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-β-D-glucopyranose, MA06633 on page 20

## D-Glucosamine 6-phosphate

[3616-42-0] C<sub>6</sub>H<sub>14</sub>NO<sub>8</sub>P 259.15

MG09772

100mg	\$70.00
250mg	\$150.00
500mg	\$250.00

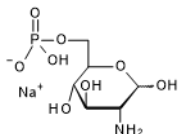


## D-Glucosamine-6-phosphate sodium salt

[70442-23-8] C<sub>6</sub>H<sub>12</sub>NNaO<sub>8</sub>P 280.12

MG06082

100mg	\$70.00
250mg	\$120.00
500mg	\$195.00



Refs: Zheng J, Khalil M, Cannon JF, J. Biol. Chem. 2000, Vol275, Issue 24, 18070-18078



## D-Glucosamine sulfate

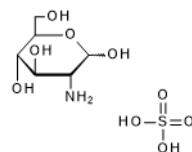
• Chitosamine Sulphate

• 2-Amino-2-deoxy-D-glucose sulphate

[29031-19-4][14999-43-0] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·H<sub>2</sub>SO<sub>4</sub> 277.25

MG05263

100g	\$65.00
250g	\$125.00
500g	\$195.00



Refs: Cleff DO, Reda DJ, Harris CL, Klein MA, O'Dell JR, Hooper MM, Bradley JD, Bingham CO, et al, NEJM 2006, 354, 8, p795

## α-D-Glucosamine 3-sulfate free acid

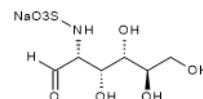
see D-Glucosamine-3-O-sulphate, MG03769 on page 295

## D-Glucosamine sulfate 2NaCl

[38899-05-7]

MG44373

10g	\$50.00
25g	\$100.00
50g	\$180.00



## Glucosamine sulfate potassium chloride

[38899-05-7] (C<sub>6</sub>H<sub>14</sub>NO<sub>5</sub>)<sub>2</sub>SO<sub>4</sub>·2KCl 605.52

MG59817

Price On Application

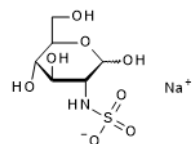


## D-Glucosamine-2-N-sulfate sodium salt

• D-Glucosamine 2-sulfate sodium salt  
• 2-Deoxy-2-sulfamino-D-glucopyranose[38899-05-7] C<sub>6</sub>H<sub>12</sub>NNaO<sub>8</sub>S 281.22

MG04231

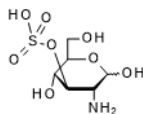
250mg	\$65.00
500mg	\$105.00
1g	\$170.90



**D-Glucosamine 2-sulfate sodium salt**see *D-Glucosamine-2-N-sulfate sodium salt, MG04231* on page 294**D-Glucosamine-3-O-sulphate**• *α*-D-Glucosamine 3-sulfate free acid[76330-20-6][103192-52-5] C<sub>6</sub>H<sub>13</sub>NO<sub>6</sub>S 259.23

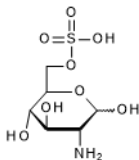
MG03769

10mg	\$60.00
25mg	\$85.00
50mg	\$155.00

**D-Glucosamine-6-O-sulphate**[91674-26-9] C<sub>6</sub>H<sub>13</sub>NO<sub>6</sub>S 259.23

MG05867

25mg	\$60.00
50mg	\$90.00
100mg	\$150.00

**D-Glucosamine-2-N, 3-O, 6-O-trisulfate sodium salt**

485.31

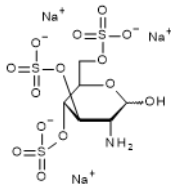
MG58452

2mg	\$82.34
5mg	\$172.90
10mg	\$276.60

**D-Glucosamine-3,4,6-tri-O-sulphate trisodium salt**[157297-03-5] C<sub>6</sub>H<sub>10</sub>NO<sub>14</sub>S<sub>3</sub>Na<sub>3</sub> 485.31

MG02182

1mg	\$75.00
2mg	\$125.00
5mg	\$225.00

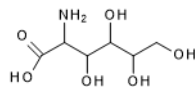
**D-Glucosaminic acid**

• 2-Amino-2-deoxy-D-gluconic acid

[3646-68-2] C<sub>6</sub>H<sub>13</sub>NO<sub>6</sub> 195.17

MG06706

1g	\$85.00
2g	\$150.00
5g	\$300.00



Refs: Major TR, et al, JACS 1936, 58, p2474; Hurd CD, et al, JACS 1938, 60, p235; Zavras ET, Roberts LS, J. Parasitol. 1984, 70, p937

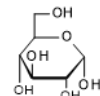
**α-D-Glucose**

• Dextrose anhydrous

[492-62-6] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MG03219

1kg	\$52.50
2kg	\$94.50
5kg	\$157.50

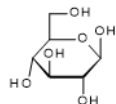


Refs: Merck Index 13, 4472

**α-D-Glucose**see *D-Glucose - anhydrous, MG08747* on page 296**β-D-Glucose - 85%**[492-61-5][28905-12-6] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MG09278

25g	\$89.50
50g	\$147.00
100g	\$263.00

**β-D-Glucose - 95%**[492-61-5] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MG64956

250mg	\$50.00
500mg	\$75.00
1g	\$100.00



## Glucose

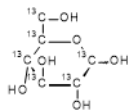
## D-Glucose-13C6

• D-Glucose-UL-13C

[110187-42-3]  $^{13}\text{C}_6\text{H}_{12}\text{O}_6$  186.11

MG08493

50mg	\$60.00
100mg	\$100.00
250mg	\$160.00



## D-Glucose-1,6-13C2

[201741-04-0]  $^{13}\text{C}_2\text{C}_6\text{H}_{12}\text{O}_6$  2342.03

MG46639

100mg	\$185.00
250mg	\$390.00
500mg	\$725.00



## D-Glucose-6-13C

[106032-62-6]  $^{13}\text{C}\text{C}_5\text{H}_{12}\text{O}_6$  181.15

MG63198

10mg	\$110.00
25mg	\$180.00
50mg	\$300.00

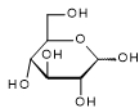


## D-Glucose - anhydrous

• Dextrose anhydrous  
• α-D-Glucose[50-99-7]  $\text{C}_6\text{H}_{12}\text{O}_6$  180.16

MG08747

5kg	\$60.00
10kg	\$100.00
25kg	\$200.00

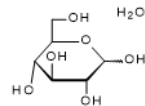


## D-Glucose - monohydrate

• Dextrose monohydrate  
• D-Glucopyranose  
• D-Glucose monohydrate[50-99-7][5996-10-1][2280-44-6][14431-43-7]  $\text{C}_6\text{H}_{12}\text{O}_6 \cdot \text{H}_2\text{O}$  198.17

MG05194

5kg	\$47.30
10kg	\$68.30
25kg	\$131.50



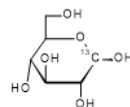
Refs: Fleet GWJ, James K, Lunn RJ, Tetrahedron Lett. 1986, 27, p3053

## D-Glucose 1-13C

[40762-22-9]  $^{13}\text{C}\text{C}_5\text{H}_{12}\text{O}_6$  181.15

MG09565

250mg	\$75.00
500mg	\$125.00
1g	\$225.00



## D-[5-2H]Glucose

[136864-16-9]

MG75100

50mg	\$115.00
100mg	\$185.00
250mg	\$370.00



## D-[6,6'-2H2]Glucose

[18991-62-3]  $\text{C}_6\text{D}_2\text{H}_{10}\text{O}_6$  182.17

MG74985

1g	\$150.00
2g	\$270.00
5g	\$550.00



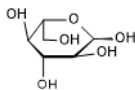


## L-Glucose

[921-60-8] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MG05247

1g	\$55.00
2g	\$98.00
5g	\$225.00



Refs: Leang K, Sultana I, Takada G, Izumori K, J. Biosci. Bioeng. 2003, 95, 310-312

## α-D-Glucose 1,6-bisphosphate tetra(cyclohexylammonium) salt hydrate

see α-D-Glucose-1,6-diphosphate tetra(cyclohexylammonium) salt hydrate, MG05413 on page 297

## D-Glucose-BSA

MG58397

2mg	\$95.34
5mg	\$152.55



## D-Glucose decyl octyl ether, oligomeric

see Decyl glucoside, MD13516 on page 160

## D-Glucose diethyldithioacetal

see D-Glucose diethyl mercaptal, MG05648 on page 297

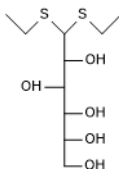
## D-Glucose diethyl mercaptal

• D-Glucose diethyldithioacetal

[1941-52-2] C<sub>10</sub>H<sub>22</sub>O<sub>5</sub>S<sub>2</sub> 286.41

MG05648

500mg	\$95.00
1g	\$168.00
2g	\$262.50



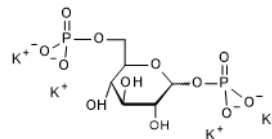
Refs: Lipták M, Dinya Z, Sztaricskai FJ, Litkei G, Jekő J, Org. Mass Spectrom. Vol 27, 11, 1271-1275; Wolfrol ML, Weisblat DI, Hanze AR, J. Am. Chem. Soc. 1944, Dec, p2065

## D-Glucose-1,6-diphosphate potassium salt

[32972-45-5] C<sub>6</sub>H<sub>10</sub>K<sub>4</sub>O<sub>12</sub>P<sub>2</sub> 492.48

MG04380

Price On Application

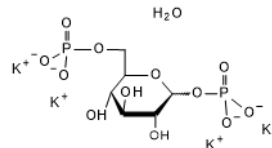


## α-D-Glucose-1,6-diphosphate potassium salt hydrate

[91183-87-8] C<sub>6</sub>H<sub>10</sub>K<sub>4</sub>O<sub>12</sub>P<sub>2</sub>·xH<sub>2</sub>O 492.48 (anhydrous basis)

MG05027

1mg	\$65.00
2mg	\$100.00
5mg	\$165.00



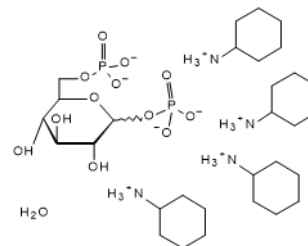
## α-D-Glucose-1,6-diphosphate tetra(cyclohexylammonium) salt hydrate

• α-D-Glucose 1,6-bisphosphate tetra(cyclohexylammonium) salt hydrate

[71662-13-0] C<sub>6</sub>H<sub>14</sub>O<sub>12</sub>P<sub>2</sub>·4C<sub>6</sub>H<sub>13</sub>N·H<sub>2</sub>O 754.83

MG05413

5mg	\$120.00
10mg	\$210.00
25mg	\$475.00

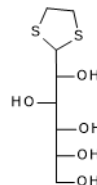


## D-Glucose ethylenedithioacetal

[3650-65-5] C<sub>8</sub>H<sub>16</sub>O<sub>5</sub>S<sub>2</sub> 256.34

MG05035

500mg	\$80.00
1g	\$157.50
2g	\$262.50



## Glucosehydra

## D-Glucose hydrazon

[190259-02-0]

MG46206

Price On Application



G

## Glucosemonocarboxylic acid

see *a-D-Glucoheptonic acid sodium salt*, MG34885 on page 286

## D-Glucose monohydrate

see *D-Glucose - monohydrate*, MG05194 on page 296

## Glucosepane

• (2S)-2-Amino-6-((6R,7S)-2-(((S)-4-amino-4-carboxybutyl)amino)-6,7-dihydroxy-6,7,8,8a-tetrahydroimidazo[4,5-b]azepin-4(5H)-yl)hexanoic acid

[257290-23-6] C<sub>18</sub>H<sub>32</sub>N<sub>6</sub>O<sub>6</sub> 428.48

MG63572

Price On Application



## a-D-Glucose pentaacetate

see *1,2,3,4,6-Penta-O-acetyl-a-D-glucopyranose*, MP05197 on page 451

## b-D-Glucose pentaacetate

see *1,2,3,4,6-Penta-O-acetyl-b-D-glucopyranose*, MP05836 on page 451

## D-Glucose pentaacetate

see *1,2,3,4,6-Penta-O-acetyl-D-glucopyranose*, MP05825 on page 451

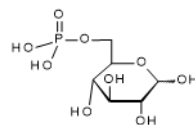
## D-Glucose-6-phosphate - 1M, in H2O

• D-Glucopyranose-6-phosphate

[56-73-5] C<sub>6</sub>H<sub>13</sub>O<sub>9</sub>P 260.14

MG04072

100mg	\$48.00
250mg	\$95.00
500mg	\$160.00



Refs: Barker KL, Endocrinology 1967, Oct 81(4), 791-7



## b-L-Glucose-1-phosphate ammonium salt

C<sub>6</sub>H<sub>13</sub>N<sub>2</sub>O<sub>9</sub>P 294.2

MG58438

1mg	\$75.00
2mg	\$130.00
5mg	\$250.00

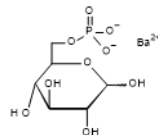


## D-Glucose-6-phosphate barium salt

[58823-95-3] C<sub>6</sub>H<sub>11</sub>BaO<sub>9</sub>P 395.45

MG05093

1g	\$120.80
2g	\$199.50
5g	\$393.80



Refs: Barker KL, Endocrinology 1967, Oct 81(4), 791-7



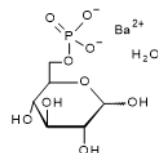
## D-Glucose-6-phosphate barium salt hydrate

• Robison Ester Barium Salt

[150400-00-3][58823-95-3] C<sub>6</sub>H<sub>11</sub>BaO<sub>9</sub>P·xH<sub>2</sub>O 395.45 (anhydrous basis)

MG05015

1g	\$100.00
2g	\$180.00
5g	\$420.00



Refs: Barker KL, Endocrinology 1967, Oct 81(4), 791-7



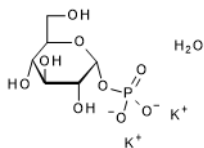
**a-D-Glucose-1-phosphate dipotassium salt hydrate**

• Cori Ester Dipotassium Salt

[5996-14-5][6736-77-2] C<sub>6</sub>H<sub>11</sub>K<sub>2</sub>O<sub>9</sub>P·H<sub>2</sub>O 336.32 (as anhydrous)

MG03639

1g	\$85.00
2g	\$150.00
5g	\$250.00

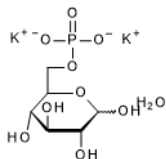


Refs: Nidetzky B, Griessler R, Weinhaeusel A, Haltrich D, Appl. Biochem. Biotechnol. 1997, Vol63/65, p159-172

**D-Glucose-6-phosphate dipotassium salt hydrate**[207727-36-4][5996-17-8] C<sub>6</sub>H<sub>11</sub>O<sub>9</sub>PK<sub>2</sub>·H<sub>2</sub>O 354.33

MG05094

1g	\$99.80
2g	\$178.50
5g	\$341.30

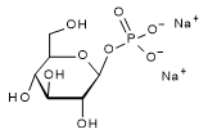


Refs: Barker KL, Endocrinology, 1967, 81, 4, p791

**b-D-Glucose-1-phosphate disodium salt**[83833-15-2] C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>9</sub>P 304.1

MG02984

1mg	\$45.00
2mg	\$60.00
5mg	\$130.00



Refs: Nidetzky B, Griessler R, Weinhaeusel A, Haltrich D, App. Biochem. Biotech, 1997, 63, p159

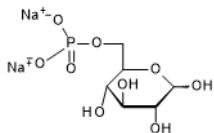
**D-Glucose-6-phosphate disodium salt**

• Robison ester disodium salt

[3671-99-6] C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>9</sub>P 304.1

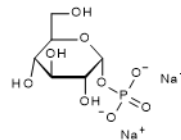
MG06735

2g	\$50.00
5g	\$85.00
10g	\$150.00

**a-D-Glucose-1-phosphate disodium salt hydrate**[56401-20-8] C<sub>6</sub>H<sub>11</sub>O<sub>9</sub>P·2Na·xH<sub>2</sub>O 304.10 (anhydrous basis)

MG09199

2g	\$50.00
5g	\$95.00
10g	\$170.00

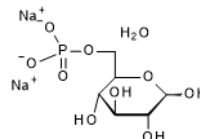
**D-Glucose-6-phosphate disodium salt hydrate**

• Robison Ester Disodium Salt

[3671-99-6] C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>9</sub>P·xH<sub>2</sub>O 304.1 (anhydrous basis)

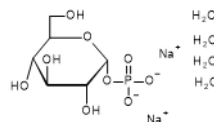
MG07499

2g	\$84.00
5g	\$157.50
10g	\$288.80

**a-D-Glucose-1-phosphate disodium salt tetrahydrate**[150399-99-8] C<sub>6</sub>H<sub>11</sub>Na<sub>2</sub>O<sub>9</sub>P·4H<sub>2</sub>O 376.16

MG05016

2g	\$50.00
5g	\$95.00
10g	\$170.00



Refs: Merck Index 13, 4474

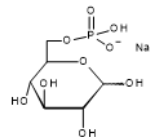
**D-Glucose-6-phosphate monosodium salt**

• Robison Ester Monosodium Salt

[54010-71-8] C<sub>6</sub>H<sub>12</sub>NaO<sub>9</sub>P 282.12

MG05095

1g	\$57.80
2g	\$94.50
5g	\$183.80



Refs: Merck Index 13, 4475; Montero-Lomeli M, de Meis L, J. Biol. Chem. 1992, 267, 1829; Rose IA, Warm's JV, J. Biol. Chem. 1967, 242, 1635

**Glucosetolue****D-Glucose-(toluene-4-sulfonylhydrazone)**

[5328-51-8]

MG46207

Price On Application



G

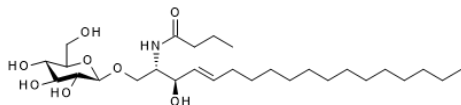
**D-Glucose-UL-13C**see *D-Glucose-13C6*, MG08493 on page 296**D-Glucosone**see *2-Keto-D-glucose*, MK06728 on page 345**b-D-Glucosyl C4-ceramide**

• [R-[R\*,S\*-(E)]]-N-[1-[(b-D-Glucopyranosyloxy)methyl]-2-hydroxy-3-heptadecenyl]butanamide

[111956-45-7] C<sub>28</sub>H<sub>53</sub>NO<sub>8</sub> 531.72

MG16737

1mg	\$363.40
2mg	\$660.70
5mg	\$1201.20

Refs: Osiecki-Newman, K, et al, *Biochim. Biophysica Acta Protein Str. Mol. Enzym*, 915, 87 (1987)**b-Glucosylglycerol 2,3,4,6-tetraacetate**

- 2-(Tetraacetylglucosido)glycerol
- 2-Hydroxy-1-(hydroxymethyl)ethyl b-D-glucopyranoside 2,3,4,6-tetraacetate
- 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl glycerol

[157024-67-4] C<sub>17</sub>H<sub>26</sub>O<sub>12</sub> 422.38

MG16738

50mg	\$110.00
100mg	\$200.00
250mg	\$395.00

**N-Glucosylglycine**see *N-Glycyl-1-deoxy-D-glucitol*, MG10836 on page 305**a-D-Glucosyl hesperidin**[161713-86-6][134065-26-2] C<sub>34</sub>H<sub>44</sub>O<sub>20</sub> 772.7

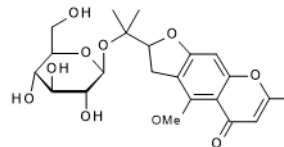
MG12859

500g	\$750.00
1Kg	\$1250.00
2Kg	\$2000.00

**4'-O-b-D-Glucosyl-5-O-methylvisamminol**[84272-85-5] C<sub>22</sub>H<sub>26</sub>O<sub>10</sub> 452.45

MG10420

25mg	\$80.00
50mg	\$136.00
100mg	\$231.00

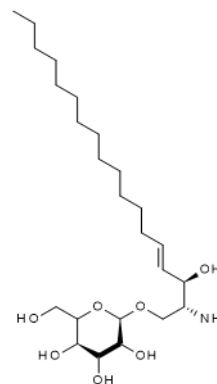
**Glucosyl-C18-sphingosine**

- Glucosylsphingosine
- 2-Amino-3-hydroxy-4-octadecenyl b-D-glucopyranoside
- (2S,3R,4E)-2-Amino-3-hydroxy-4-octadecenyl b-D-glucopyranoside

[52050-17-6] C<sub>24</sub>H<sub>47</sub>NO<sub>7</sub> 461.63

MG23669

1mg	\$65.00
2mg	\$120.00
5mg	\$265.00

Refs: Romanowicz, L, et al, *Mol. Cell. Biochem.* 340, 81 (2010)**Glucosylsphingosine**see *Glucosyl-C18-sphingosine*, MG23669 on page 300

**1-b-D-Glucosylthiose Sodium Salt**see *b-D-Thioglucose sodium salt*, MT05991 on page 556**8-D-Glucosyl-4',5',7'-trihydroxy-flavone**see *Vitexin*, MV08032 on page 601**N-Glucosyl-L-valine**see *N-Valinyl-1-deoxy-D-glucitol*, MV10425 on page 600**Glucothiose Sodium Salt**see *b-D-Thioglucose sodium salt*, MT05991 on page 556**Glucovanillin**

- 4-(b-D-Glucopyranosyloxy)-3-methoxybenzaldehyde
- Vanillin 4-O-b-D-glucoside

[494-08-6] C<sub>14</sub>H<sub>18</sub>O<sub>8</sub> 314.29

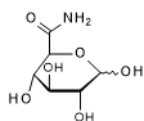
MG66011

5mg	\$55.00
10mg	\$90.00
25mg	\$170.00

**D-Glucuronal 3,4-diacetate methyl ester**see *3,4-Di-O-acetyl-D-glucuronal methyl ester*, MG16739 on page 194**D-Glucuronamide**[3789-97-7] C<sub>6</sub>H<sub>11</sub>NO<sub>6</sub> 193.15

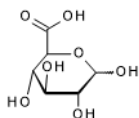
MG07494

5g	\$63.00
10g	\$99.80
25g	\$173.50

**D-Glucuronic acid**[6556-12-3][18968-14-4] C<sub>6</sub>H<sub>10</sub>O<sub>7</sub> 194.14

MG04046

25g	\$50.00
50g	\$80.00
100g	\$130.00



Refs: Timmer MSM, Adibekian A, Seeberger PH, Angew Client mt. Ed. 2005, 44, p7605

**Glucuronic acid benzyl ester**see *Benzyl D-glucuronate*, MB07246 on page 112**Glucuronic acid-GEL**

MG03912

Price On Application

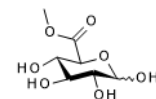
**L-Glucuronic acid gamma-lactone**see *L-Glucurono-3,6-lactone*, MG16740 on page 302**D-Glucuronic acid methyl ester**

- Methyl D-glucuronate

[52613-19-1] C<sub>7</sub>H<sub>12</sub>O<sub>7</sub> 208.17

MG16795

500mg	\$60.00
1g	\$95.00
2g	\$160.00



Refs: Smith, P, et al, Biochem. Pharmacol, 44, 1661 (1992)

**D-Glucuronic acid phenylmethyl ester**see *Benzyl D-glucuronate*, MB07246 on page 112**α-D-Glucuronic acid-1-phosphate**[13168-11-1] C<sub>6</sub>H<sub>11</sub>O<sub>10</sub>P 274.12

MG29196

250mg	\$1500.00
500mg	\$2000.00
1g	\$3000.00



**Glucuronic acid****a-D-Glucuronic acid 1-phosphate tripotassium salt pentahydrate**[103213-29-2][71662-14-1] C<sub>6</sub>H<sub>8</sub>O<sub>10</sub>PNa<sub>3</sub> 340.06

MG29195

1g	\$1250.00
2g	\$2000.00
5g	\$4000.00



G

**D-Glucuronic acid sodium salt**see *Sodium-D-glucuronate*, MS04198 on page 505**L-Glucuronic acid sodium salt**

• Sodium L-glucuronate

C<sub>6</sub>H<sub>9</sub>NaO<sub>7</sub> 216.12

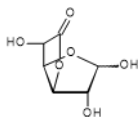
MG71672

Price On Application

**D-Glucuronic acid sodium salt monohydrate**see *Sodium-D-glucuronate*, MS04198 on page 505**D-Glucurono-3,6-lactone**• D-Glucuronolactone  
• D-Glucurono-gamma-lactone[32449-92-6] C<sub>6</sub>H<sub>8</sub>O<sub>6</sub> 176.12

MG02804

500g	\$60.00
1kg	\$95.00
2kg	\$180.00



Refs: Furman B, Molotov S, Thuermer R, Kaluza Z, et al, Tetrahedron 1997, Vol53, No16, p5883-5890

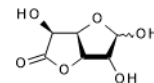
**D-Glucurono-gamma-lactone**see *D-Glucurono-3,6-lactone*, MG02804 on page 302**D-Glucuronolactone**see *D-Glucurono-3,6-lactone*, MG02804 on page 302**D-Glucuronolactone-1,6-13C2**see *D-Glucufuranuronic acid, γ-lactone, 1,6-13C2*, MG46713 on page 285**L-Glucurono-3,6-lactone**

• L-Glucuronic acid gamma-lactone

[32449-80-2] C<sub>6</sub>H<sub>8</sub>O<sub>6</sub> 176.12

MG16740

100mg	\$87.00
250mg	\$157.50
500mg	\$290.00

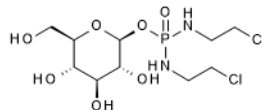
**D-Glucuronolactone acetonide**see *1,2-O-Isopropylidene-a-D-glucufuranurono-6,3-lactone*, M104759 on page 335**Glufosfamide**

• N,N'-Bis(2-chloroethyl)phosphorodiamidic acid beta-D-glucopyranosyl ester

[132682-98-5] C<sub>10</sub>H<sub>21</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>7</sub>P 383.16

MG38563

Price On Application

**Glycamine**see *D-Glycamine*, MG06629 on page 284**D-Glyceraldehyde-acetonide**see *2,3-O-Isopropylidene-D-glyceraldehyde*, M176642 on page 335**DL-Glyceraldehyde 3-phosphate - 45-55 mg/mL aqueous solution**

• (2-Hydroxy-3-oxopropyl) dihydrogen phosphate

[591-59-3][142-10-9] C<sub>3</sub>H<sub>7</sub>O<sub>6</sub>P 170.06

MG46662

25mg	\$275.00
100mg	\$600.00
250mg	\$1350.00



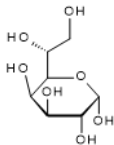
**D-Glycero-D-galacto-heptitol**see *Perseitol*, MP05384 on page 458**D-Glycero-D-galacto-heptose**

• D-Mannoheptose

[5328-64-3][7634-39-1] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.18

MG09253

500mg	\$150.00
1g	\$205.00
2g	\$380.00

**L-Glycero-L-galacto-heptose**

• α-L-Mannoheptose

[20585-65-3] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.2

MM00723

50mg	\$1500.00
100mg	\$2340.00
250mg	\$3900.00

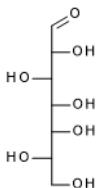
**D-Glycero-D-glucoheptose**see *alpha-D-Glucoheptose*, MG66361 on page 286**D-Glycero-L-gluco-heptose**see *b-D-Galactoheptose*, MG01302 on page 271**L-Glycero-D-gluco-heptose**

• b-L-Galactoheptose

[84142-51-8] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.18

MG02812

50mg	\$945.00
100mg	\$1575.00
250mg	\$3150.00



Refs: Majumder M, Mukherjee AK, Thakurta BG, Dutta A, Sasmal D, Carbohydr. Res. 1983, 28, p209-16

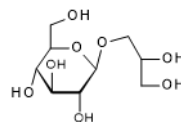
**D-glycero-D-gulo-heptono-1,4-lactone**see *D-Glucoheptonic acid-1,4-lactone*, MG00664 on page 285**D-Glycero-D-gulo-heptose**see *D-Glucoheptose*, MG05213 on page 286**D-Glycero-D-gulohexonic acid**see *a-D-Glucoheptonic acid sodium salt*, MG34885 on page 286**D-glycero-L-gulo-oct-7-ynitol, 2,6-anhydro-7,8-dideoxy-, 1,3,4,5-tetraacetate**see *2-C-(2,3,4,6-Tetra-O-acetyl-α-D-glucofuranosyl) ethyne*, MT15435 on page 529**1-O-(2R)-Glycerol-b-D-galactopyranoside**

- RGG
- (2R)-2,3-Dihydroxypropyl b-D-galactopyranoside

[16232-91-0] C<sub>8</sub>H<sub>16</sub>O<sub>8</sub> 254.23

MG07432

2mg	\$90.00
5mg	\$175.00
10mg	\$275.00

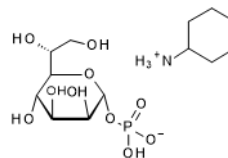


Refs: Siaut, M, et al. , Gene, 406, 23 (2007)

**D-Glycero-D-manno-heptitol**see *D-Glycero-D-talo-heptitol*, MG10117 on page 304**(D-Glycero-α-D-manno-heptopyranosyl)-dihydrogenphosphate cyclohexylammonium salt**C<sub>7</sub>H<sub>15</sub>O<sub>10</sub>P·C<sub>6</sub>H<sub>13</sub>N 389.34

MG07431

1mg	\$157.50
2mg	\$315.00
5mg	\$630.00



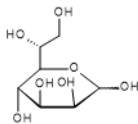
Refs: Paulsen H, et.al, Liebigs Ann. Chem, 1994, 389



**Glyceromanno****D-Glycero-D-manno-heptose**[1961-73-5] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.2

MG02820

1mg	\$75.00
2mg	\$130.00
5mg	\$250.00

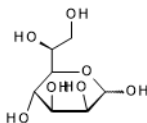


**Refs:** Kneidinger B, Graninger M, Puchberger M, et al, *J. Biol. Chem.* 2001, 276, 24, p20935; Brimacombe JS, Kabir KMS, *Carbohydr. Res.* 1986, 152, p329

**L-Glycero-D-manno-heptose**[4305-74-2] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.18

MG04722

1mg	\$85.00
2mg	\$150.00
5mg	\$275.00



**Refs:** Boons GJ, van der Klein PAM, van der Marel GA, van Boom JH, *Recl. Trav. Chim.* 1988, 108, p507; Teuber M, et al, *Biochemistry* 1968, 7, 9, p3303; Brade H, Galanos C, *Infect. Immun.* 1983, 42, p250; Balla E, Zamyatina A, Andreas Hofingera A, Kosma P, *Carbohydr. Res.* 2007, 342, 17, p2537-2545

**L-Glycero-D-manno heptose peracetate**

MG72469

1g	\$550.00
2g	\$950.00
5g	\$1750.00



**Refs:** <http://onlinelibrary.wiley.com/doi/10.1002/ejoc.201500024/abstract>,

**Glycerone phosphate**[57-04-5] C<sub>3</sub>H<sub>7</sub>O<sub>6</sub>P 170.06

MG46658

Price On Application

**Glycerone phosphate dilithium salt**

- Dihydroxyacetone phosphate dilithium salt
- 1-Hydroxy-3-(phosphonoxy)-2-propanone dilithium salt

[102783-56-2][57-04-5] C<sub>3</sub>H<sub>5</sub>Li<sub>2</sub>O<sub>6</sub>P 181.92

MG46659

5mg	\$115.00
10mg	\$190.00
25mg	\$375.00

**Glycerone phosphate hemimagnesium salt hydrate**

- 1,3-Dihydroxy-2-propanone 1-phosphate hemimagnesium salt hydrate
- 1-Hydroxy-3-(phosphonoxy)-2-propanone hemimagnesium salt hydrate

[57-04-5] C<sub>3</sub>H<sub>5</sub>O<sub>6</sub>P·xH<sub>2</sub>O·½Mg 180.19 (anhydrous basis)

MG46661

25mg	\$65.00
50mg	\$110.00
100mg	\$180.00

**Glycerone phosphate lithium salt**

- Dihydroxyacetone phosphate lithium salt
- 1-Hydroxy-3-(phosphonoxy)-2-propanone lithium salt

[57-04-5] C<sub>3</sub>H<sub>7</sub>O<sub>6</sub>P·xLi 170.06 (free acid basis)

MG46660

100mg	\$300.00
250mg	\$650.00
500mg	\$1175.00

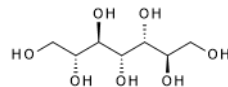
**D-Glycero-D-talo-heptitol**

- Volemitol
- D-Glycero-D-manno-heptitol

[488-38-0] C<sub>7</sub>H<sub>16</sub>O<sub>7</sub> 212.2

MG10117

10mg	\$70.00
25mg	\$115.00
50mg	\$190.00

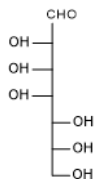




**D-Glycero-D-talo-heptose**[10589-31-8] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.18

MG05606

Price On Application



Refs: Courtois P, Sener A, Malaisse WJ, Int. J. Mol. Med. 2000, No6, p171-5; Beil. 1, IV, 4440

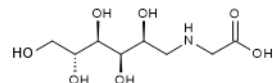
**N-Glycyl-1-deoxy-D-glycitol**

• N-Glucosylglycine

C<sub>8</sub>H<sub>17</sub>NO<sub>7</sub> 239.22

MG10836

Price On Application

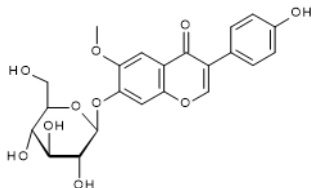
**Glycitein-7-O-b-D-glucoside**see *Glycitin*, MG08014 on page 305**Glycitin**

- 7-(b-D-Glucopyranosyloxy)-3-(4-hydroxyphenyl)-6-methoxy-4H-1-benzopyran-4-one
- Glycitein-7-O-b-D-glucoside

[40246-10-4] C<sub>22</sub>H<sub>22</sub>O<sub>10</sub> 446.4

MG08014

25mg	\$73.50
50mg	\$121.00
100mg	\$200.00



Refs: Phytochemistry, 1973, 12, p169; Uesugi T, et.al, Biol. Pharm. Bull. 24, 368-372, (2001)

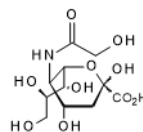
**Glycitin 6-O-acetate**see *6-O-Acetylglycitin*, MA09966 on page 37**Glycitin 6-O-malonate**see *6-O-Malonylglycitin*, MM09964 on page 353**N-Glycolylneuraminic acid**

• Neu5Gc

[1113-83-3] C<sub>11</sub>H<sub>19</sub>NO<sub>10</sub> 325.27

MG05324

5mg	\$65.00
10mg	\$95.00
25mg	\$170.00



Refs: Kawano T, Koyama S, Takematsu H, Kozutsumi Y, et al, J. Biol. Chem. 1995, 270, p16458

**N1-Glycopyranosylamino-guanidines HCl**see *N1-b-D-Glucopyranosylamino-guanidine HCl*, MG01966 on page 289**Glycosaminoglycan related oligosaccharides**

MG03528

Price On Application

**Glyco-SNAP-2**see *N-(2-Deoxy-D-glucopyranosyl)-S-nitroso-N-acetyl-D,L-pencillamine*, MD04705 on page 174**Glycosylceramide**

- Ceramide b-D-Glucoside
- Glucocerebrosides
- GlcCer

[497155-61-0] C<sub>40</sub>H<sub>75</sub>NO<sub>9</sub> 714.02

MG16326

1mg	\$65.00
2mg	\$120.00
5mg	\$260.00



**Glycosylcera****Glycosylceramide - from plant origin**

- Ceramide b-D-glucoside
- Glucocerebrosides
- GlcCer

[497155-61-0] C<sub>40</sub>H<sub>75</sub>NO<sub>9</sub> 714.02

MG158951

5mg	\$250.00
10mg	\$450.00
25mg	\$875.00



G

**Glycyrrhetic acid 3-O-b-D-glucuronide**

- Glycyrrhetic acid 3-O-glucuronide

[34096-83-8] C<sub>36</sub>H<sub>54</sub>O<sub>10</sub> 646.81

MG76597

5mg	\$1150.00
10mg	\$1500.00
25mg	\$1875.00

**Glycyrrhetic acid 3-O-glucuronide**see *Glycyrrhetic acid 3-O-b-D-glucuronide*, MG76597 on page 306**Glyset**see *N-(b-Hydroxyethyl)-1-deoxynojirimycin*, MH07215 on page 314**Gossypin**

- 3,3',4',5',7,8-Hexahydroxy flavone-8-glucoside

[652-78-8] C<sub>21</sub>H<sub>20</sub>O<sub>13</sub> 480.38

MH11045

50mg	\$160.00
100mg	\$250.00
250mg	\$375.00

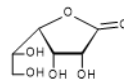
**G-Strophanthin**see *Ouabain - anhydrous*, MO34347 on page 447**g-Strophanthin octahydrate**see *Ouabain octahydrate*, MO16828 on page 447**4-Guanidino-2,4-dideoxy-2,3-didehydro-N-acetylneuraminic acid**see *Zanamivir hydrate*, MZ04270 on page 605**Guanosine 5'-diphosphate-L-galactose**see *GDP-L-galactose sodium salt*, MG01735 on page 281**Guanosine 5'-diphospho-b-L-fucose disodium salt**see *GDP-L-fucose disodium salt*, MG01912 on page 281**Guanosine-5'-diphosphoglucose sodium salt**see *GDP-D-glucose sodium salt*, MG31129 on page 281**Guanosine 5'-diphospho-a-D-mannose disodium salt**see *GDP-D-mannose disodium salt*, MG05610 on page 281**L-Gulofurano-6,3-lactone**see *L-Gulurono-6,3-lactone*, MG15414 on page 307**D-Gulonic acid-1,4-lactone**

- D-Gulonolactone

[6322-07-2] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MG05225

10g	\$51.00
25g	\$80.00
50g	\$127.00



Refs: Fleet GW, Ramsden NG, Nash RJ, Fellows LE, Jacob GS, Molyneux RJ, di Bello IC, Winchester B, Carbohydr. Res. 1990, 205, p269; Hajek J, Pozsgay V, Carbohydr. Res. 1999, 321, p116

**L-Gulonic acid-1,4-lactone**

- L-Gulonic-gamma-lactone

[1128-23-0] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MG06707

25g	\$50.00
50g	\$80.00
100g	\$140.00



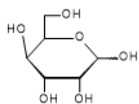
Refs: Fleet GW, Ramsden NG, Nash RJ, Fellows LE, Jacob GS, Molyneux RJ, di Bello IC, Winchester B, Carbohydr. Res. 1990, 205, p269; Ching S, Mahan DC, Moreau RR, Dabrowski K, J. Nutr. Biochem. 2003, 3, p139

**L-Gulonic-gamma-lactone**see *L-Gulonic acid-1,4-lactone*, MG06707 on page 306

**D-Gulonolactone**see *D-Gulonic acid-1,4-lactone*, MG05225 on page 306**L-Gulonolactone diacetonide**see *2,3,5,6-Di-O-isopropylidene-L-gulono-1,4-lactone*, MD06778 on page 221**D-Gulosamine HCl**see *2-Amino-2-deoxy-D-gulose hydrochloride*, MA32646 on page 60**D-Gulose**[4205-23-6] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MG00249

25mg	\$50.00
50mg	\$80.00
100mg	\$140.00

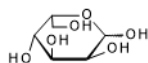


Refs: Bhuiyan S, Itami Y, Takada G, Izumori K, J. Biosci. Bioeng. 1999, 88, 567-570; Beil. 1, IV, 4333

**L-Gulose**[6027-89-0] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MG00251

500mg	\$50.00
1g	\$80.00
2g	\$140.00



Refs: Beil. 1, IV, 4334

**L-Guluronic acid sodium salt**

• L-Monoguluronic acid sodium salt

C<sub>6</sub>H<sub>9</sub>O<sub>7</sub>Na 216.12

MG61576

1mg	\$65.00
2mg	\$80.00
5mg	\$150.00

**L-Gulurono-6,3-lactone**

• L-Gulofurano-6,3-lactone

[14474-04-5] C<sub>8</sub>H<sub>8</sub>O<sub>6</sub> 176.12

MG15414

1mg	\$45.00
2mg	\$70.00
5mg	\$125.00

**Gypsogenin-3-O-glucuronide**[96553-02-5] C<sub>37</sub>H<sub>66</sub>O<sub>10</sub> 660.83

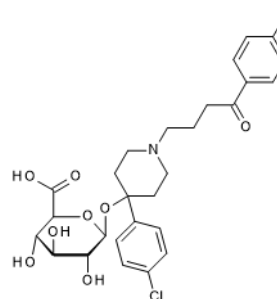
MG74054

5mg	\$175.00
10mg	\$320.00
25mg	\$675.00

**Haloperidol b-D-glucuronide**[100442-88-4] C<sub>27</sub>H<sub>31</sub>ClFNO<sub>8</sub> 551.99

MH10160

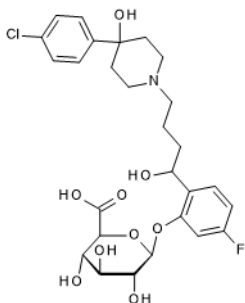
5mg	\$1300.00
10mg	\$2015.00
20mg	\$3250.00



**Haloperidolh****Haloperidol-1-hydroxy-2'-b-D-glucuronide**[100442-86-2] C<sub>27</sub>H<sub>33</sub>ClFNO<sub>9</sub> 570

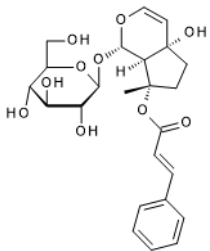
Price On Application

MH09995

**Hamamelose**see *2-C-Hydroxymethyl-D-ribose*, MH00716 on page 317**Harpagoside**[19210-12-9] C<sub>24</sub>H<sub>30</sub>O<sub>11</sub> 494.5

MH08976

10mg	\$65.00
25mg	\$110.00
50mg	\$195.00

Refs: *Helv. Chim. Acta*, 1966, 49, p1552**Helicin**see *2-Formylphenyl b-D-glucopyranoside*, MF05651 on page 264**Heptagluconic acid**see *D-Glucoheptonic acid - 50% aqueous solution*, MG34886 on page 285**Hesperetin 7-O-glucoside**[31712-49-9] C<sub>22</sub>H<sub>24</sub>O<sub>11</sub> 464.42

MH46669

5mg	\$425.00
10mg	\$650.00
20mg	\$1000.00

**Hesperetin 3'-O-b-D-glucuronide**

• 5-(3,4-Dihydro-5,7-dihydroxy-4-oxo-2H-1-benzopyran-2-yl)-2-methoxyphenyl b-D-glucopyranosiduronic acid

[1237479-05-8] C<sub>22</sub>H<sub>22</sub>O<sub>12</sub> 478.4

MH44424

5mg	\$125.00
10mg	\$210.00
25mg	\$412.50

**Hesperetin 7-O-b-D-glucuronide**

• 3,4-Dihydro-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-4-oxo-2H-1-benzopyran-7-yl b-D-glucopyranosiduronic acid

[1237479-09-2] C<sub>22</sub>H<sub>22</sub>O<sub>12</sub> 478.4

MH44426

Price On Application

**Hesperetin 7,3'-O-b-D-glucuronide**C<sub>28</sub>H<sub>30</sub>O<sub>18</sub> 654.53

MH44425

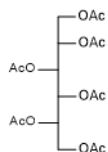
Price On Application



**1,2,3,4,5,6-Hexa-O-acetyl-L-iditol**C<sub>18</sub>H<sub>26</sub>O<sub>12</sub> 434.4

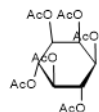
MH07445

50mg	\$89.50
100mg	\$168.00
250mg	\$262.50

**1,2,3,4,5,6-Hexa-O-acetyl-myo-inositol**[1254-38-2] C<sub>18</sub>H<sub>24</sub>O<sub>12</sub> 432.16

MH07212

5g	\$89.30
10g	\$168.00
25g	\$315.00

**1,2,3,4,5,6-Hexa-O-acetyl-D-mannitol**[642-00-2] C<sub>18</sub>H<sub>26</sub>O<sub>12</sub> 434.39

MM00225

Price On Application

**2'-(N-Hexadecanoylamino)-4'-nitrophenyl-b-D-galactopyranoside**[63424-42-0] C<sub>28</sub>H<sub>46</sub>N<sub>2</sub>O<sub>9</sub> 554.67

MH64912

5mg	\$50.00
10mg	\$90.00
25mg	\$175.00

**2'-(N-Hexadecanoylamino)-4'-nitrophenyl-b-D-glucopyranoside**[61443-58-1] C<sub>28</sub>H<sub>46</sub>N<sub>2</sub>O<sub>9</sub> 554.67

MH64913

100mg	\$50.00
250mg	\$100.00
500mg	\$150.00

**Hexadecyl-D-xylopyranoside**[115211-19-3] C<sub>21</sub>H<sub>42</sub>O<sub>5</sub> 374.56

MH59472

1g	\$995.00
2g	\$1300.00
5g	\$1500.00

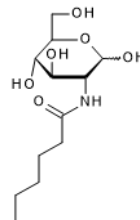
**(5R,6R,7S,8R,8aR)-Hexahydro-6,7,8-trihydroxy-5-(hydroxymethyl)-imidazo[1,2-a]pyridine-2,3-dione**see *epi-Kifunensine*, MK61465 on page 236

H

**3,3',4',5,7,8-Hexahydroxy flavone-8-glucoside**see *Gossypin*, MH11045 on page 306**N-Hexanoyl-D-glucosamine**[19817-88-0] C<sub>12</sub>H<sub>23</sub>NO<sub>6</sub> 277.31

MH07025

500mg	\$105.00
1g	\$157.50
2g	\$262.50

**(Z)-3-Hexen-1-yl b-D-glucopyranoside**[95632-87-4] C<sub>12</sub>H<sub>22</sub>O<sub>6</sub> 262.3

MH145558

250mg	\$850.00
500mg	\$1125.00
1g	\$1450.00



**Hibifolin****Hibifolin**

• [2-(3,4-Dihydroxyphenyl)-3,5,7-trihydroxy-4-oxo-4H-1-benzopyran-8-yl]b-D-glucopyranosiduronic acid

[55366-56-8] C<sub>21</sub>H<sub>18</sub>O<sub>14</sub> 494.36

MH61600

10mg	\$130.00
20mg	\$220.00
50mg	\$450.00



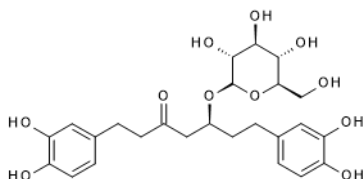
H

**Hirsutanonol 5-O-glucoside**

[93915-36-7]

MH44378

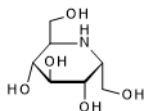
Price On Application

**a-Homonojirimycin**

[119557-99-2] C<sub>7</sub>H<sub>15</sub>NO<sub>5</sub> 193.2

MH07032

1mg	\$115.00
2mg	\$190.00
5mg	\$350.00

**Homoorientine**

see *Luteolin-6-C-glucoside*, *ML65431* on page 350

**Homovitexin; Saponaretin**

see *Isovitexin hplc*, *MI65769* on page 343

**Hyacinthacine B3**

C<sub>8</sub>H<sub>17</sub>NO<sub>4</sub> 203.24

MH44500

Price On Application

**Hyacinthacine A2**

C<sub>8</sub>H<sub>15</sub>NO<sub>3</sub> 173.21

MH44501

Price On Application

**Hydromorphone-3-D-glucuronide-D3**

MH11756

Price On Application

**N-(2-hydroxyacetyl)-b-neuraminic acid 2-(hydrogen 5'-cytidylate)**

see *CMP-N-glycolylneuraminic acid*, *MC158029* on page 149

**N-(Hydroxyacetyl)-2-O-methyl-a-neuraminic acid**

• Methyl 3,5-dideoxy-5-glycolamido-a-D-glycero-D-galacto-nonulopyranosidonic acid

[14206-42-9] C<sub>12</sub>H<sub>21</sub>NO<sub>10</sub> 339.3

MH58732

1mg	\$250.00
2mg	\$390.00
5mg	\$875.00

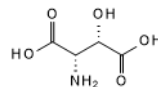
**(3S)-3-Hydroxy-L-aspartic acid**

• (3s)-3-Hydroxy-L-aspartic acid

[7298-99-9] C<sub>4</sub>H<sub>7</sub>NO<sub>5</sub> 149.1

MH44502

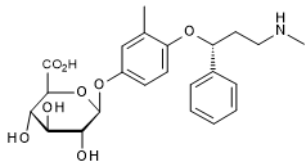
5mg	\$200.00
10mg	\$300.00



**4'-Hydroxy atomoxetine b-D-glucuronide**[540729-08-6] C<sub>23</sub>H<sub>29</sub>NO<sub>8</sub> 447.49

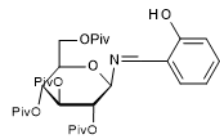
MH09752

1mg	\$1050.00
2mg	\$1890.00
5mg	\$2100.00

**4Hydroxybenzyl alcohol 4-O-b-D-glucoside**see *Gastrodin*, MG11579 on page 280**6-(2-hydroxybenzylamino)-9-b-D-glucopyranosylpurine**see *o-Topolin-9-glucoside*, MT30287 on page 561**6-(3-hydroxybenzylamino)-9-b-D-glucopyranosyl purine**see *m-Topolin-9-glucoside*, MT30284 on page 561**6-(4-hydroxybenzylamino)-9-b-D-glucopyranosylpurine**see *p-Topolin-9-glucoside*, MT30292 on page 561**N-(2-Hydroxybenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside**C<sub>33</sub>H<sub>49</sub>NO<sub>10</sub> 619.74

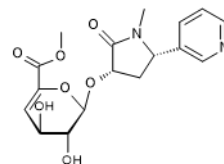
MH08438

Price On Application

**1-O-(4-Hydroxycinnamoyl)-b-D-glucose**see *p-Coumaroyl-b-D-glucose*, MC71950 on page 152**1-O-(trans-3-Hydroxycotinine)-4-deoxy-4,5-didehydro-b-D-glucuronide methyl ester**C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 364.35

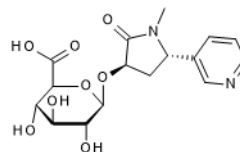
MH07434

1mg	\$210.00
2mg	\$420.00
5mg	\$840.00

**1-O-(trans-3-Hydroxycotinine)-b-D-glucuronide**[132929-88-5] C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>8</sub> 368.34

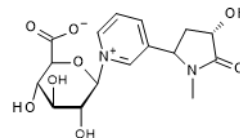
MH07437

1mg	\$235.00
2mg	\$440.00
5mg	\$1025.00

**N-(trans-3-Hydroxycotinine)-b-D-glucuronide**[146275-18-5] C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>8</sub> 368.34

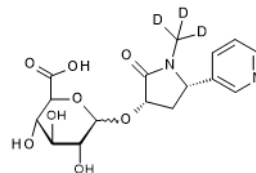
MH07435

1mg	\$750.00
2mg	\$1370.00
5mg	\$3300.00

**1-O-(trans-3-Hydroxycotinine)-D-glucuronide methyl-D3**C<sub>16</sub>H<sub>17</sub>D<sub>3</sub>N<sub>2</sub>O<sub>8</sub> 371.36

MH07438

500ug	\$2890.00
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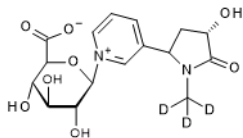


**Hydroxycotin****N-(trans-3-Hydroxycotinine)-b-D-glucuronide methyl-D3**C<sub>16</sub>H<sub>17</sub>D<sub>3</sub>N<sub>2</sub>O<sub>8</sub> 371.36

MH07436

1mg

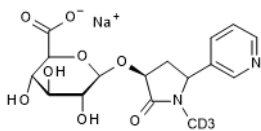
\$1260.00



H

**trans-3'-Hydroxycotinine-O-b-D-glucuronide D3 sodium salt**C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub>D<sub>3</sub>-Na 393.34

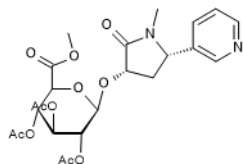
MH10453

1mg  
2mg  
5mg\$577.50  
\$1050.00  
\$2362.50**1-O-(trans-3-Hydroxycotinine)-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester**C<sub>23</sub>H<sub>28</sub>N<sub>2</sub>O<sub>11</sub> 508.48

MH07439

1mg

\$236.30

**7-Hydroxy coumarin b-D-glucuronide methyl ester**

• 2-Oxo-2H-1-benzopyran-7-yl b-D-glucopyranosiduronic acid

[1176514-11-6] C<sub>16</sub>H<sub>16</sub>O<sub>9</sub> 352.29

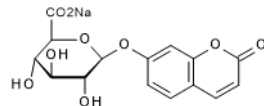
MH16745

1mg  
2mg  
5mg\$149.90  
\$272.60  
\$495.50

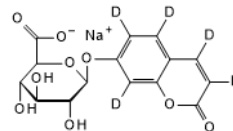
Refs: Blankson, E, et al, Biochem. Pharmacol, 42, 1241

**7-Hydroxycoumarin b-D-glucuronide sodium salt**[168286-98-4] C<sub>15</sub>H<sub>13</sub>NaO<sub>9</sub> 360.26

MH09753

1mg  
2mg  
5mg\$130.00  
\$180.00  
\$325.00**7-Hydroxycoumarin D5-D-glucuronide sodium salt**C<sub>15</sub>H<sub>8</sub>D<sub>5</sub>O<sub>9</sub>-Na 365.28

MH11766

1mg  
2mg  
5mg\$525.00  
\$829.50  
\$1548.80**7-Hydroxy coumarin 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester**

• 2-Oxo-2H-1-benzopyran-7-yl-b-D-glucopyranosiduronic acid methyl ester triacetate

[168286-97-3] C<sub>22</sub>H<sub>22</sub>O<sub>12</sub> 478.4

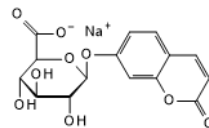
MH16744

2mg  
5mg  
10mg\$149.90  
\$272.60  
\$495.50

Refs: Blankson, E, et al, Biochem. Pharmacol, 42, 1241

**7-Hydroxycoumarinyl-b-D-glucuronide sodium salt**[66695-14-5][168286-98-4] C<sub>15</sub>H<sub>13</sub>O<sub>9</sub>-Na 360.25

MH11765

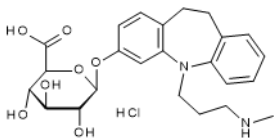
1mg  
2mg  
5mg\$250.00  
\$395.00  
\$780.00**4-[1-(1-Hydroxycyclohexyl)-2-(methylamino)ethyl]phenyl b-D-glucopyranosiduronic acid hydrochloride**see *rac N,O-didesmethyl venlafaxine b-D-glucuronide hydrochloride, MR16845* on page 211



**2-Hydroxydesipramine glucuronide HCl**[25521-31-7]  $C_{24}H_{30}N_2O_7 \cdot HCl$  494.96

MH10000

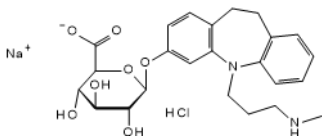
1mg	\$235.00
2mg	\$450.00
5mg	\$975.00

**2-Hydroxydesipramine b-D-glucuronide sodium salt**

[25521-31-7]

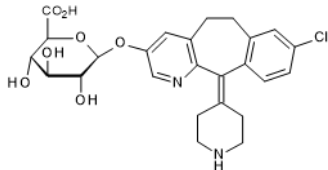
MH09755

1mg	\$236.30
2mg	\$441.00
5mg	\$735.00

**3-Hydroxydesloratadine b-D-glucuronide**[774538-89-5]  $C_{25}H_{27}ClN_2O_7$  502.94

MH09756

1mg	\$220.00
2mg	\$420.00

**7-Hydroxy-6-desoxyverbenalin**

see Loganin, ML11578 on page 349

**4-Hydroxy-2,5-dimethyl-3(2H)-furanone glucoside malonate**

see 2,5-Dimethyl-4-hydroxy-3(2H)-furanone-b-D-glucoside-6'-malonate, MD30168 on page 228

**3a-Hydroxy-11,20-dioxo-5b-pregnan-21-yl b-D-glucopyranosiduronic acid**

see Alphasolone 21-b-D-glucuronide, MA16591 on page 54

**(3a,5a)-21-Hydroxy-11,20-dioxopregnan-3-yl b-D-glucopyranosiduronic Acid**

see Alphasolone 3-b-D-glucuronide, MA16592 on page 54

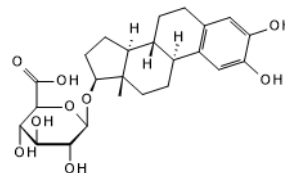
**(3a,5b)-3-Hydroxy-11,20-dioxopregnan-21-yl b-D-glucopyranosiduronic acid**

see Alphasolone 21-b-D-glucuronide, MA16591 on page 54

**2-Hydroxyestradiol-17-O-b-D-glucuronide**[89289-97-4]  $C_{24}H_{32}O_9$  464.51

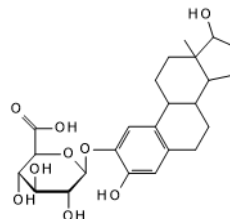
MH45070

1mg	\$1440.00
2mg	\$1900.00
5mg	\$2700.00

**2-Hydroxyestradiol-2-O-b-D-glucuronide**[52745-31-0]  $C_{24}H_{32}O_9$  464.51

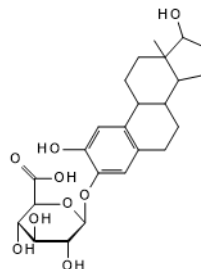
MH45068

1mg	\$1800.00
2mg	\$2500.00
5mg	\$3375.00

**2-Hydroxyestradiol 3-O-b-D-glucuronide**[55666-09-6]  $C_{24}H_{32}O_9$  464.51

MH45069

1mg	\$1800.00
2mg	\$2500.00
5mg	\$3375.00



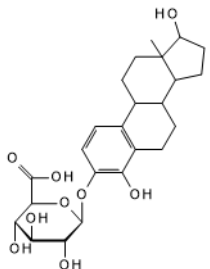
## Hydroxyestra

## 4-Hydroxyestradiol-3-O-b-D-glucuronide

[90746-94-4] C<sub>24</sub>H<sub>32</sub>O<sub>9</sub> 464.51

MH45075

1mg	\$1800.00
2mg	\$2500.00
5mg	\$3375.00

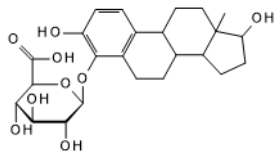


## 4-Hydroxyestradiol-4-O-b-D-glucuronide

[90746-95-5] C<sub>24</sub>H<sub>32</sub>O<sub>9</sub> 464.51

MH45076

1mg	\$1800.00
2mg	\$2500.00
5mg	\$3375.00

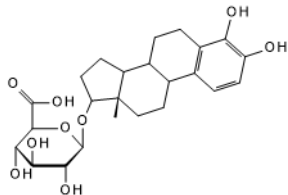


## 4-Hydroxyestradiol 17-O-b-D-glucuronide

[90746-96-6] C<sub>24</sub>H<sub>32</sub>O<sub>9</sub> 464.51

MH45077

1mg	\$1440.00
2mg	\$1900.00
5mg	\$2700.00



## 6-Hydroxyestradiol-6-O-b-D-glucuronide

MH111903

Price On Application



## 4-Hydroxyestradiol 4-O-beta-D-Glucuronide Sodium Salt

[85359-06-4] C<sub>24</sub>H<sub>32</sub>O<sub>9</sub>Na 487.5

MH153272

Price On Application



## (17b)-3-Hydroxyestra-1,3,5(10)-trien-17-yl-2,3,4-triacetate-b-D-glucopyranosiduronic acid methyl ester

see 17b-Estradiol 17-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester), ME16715 on page 239

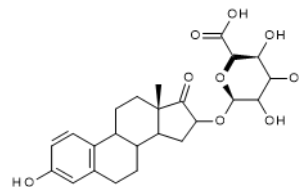
## 16a-Hydroxyestrone 16-b-D-glucuronide

- (16a)-3-Hydroxy-17-oxoestra-1,3,5(10)-trien-16-yl b-D-glucopyranosiduronic acid
- 16a-Hydroxyestrone 16-glucuronoside

[15270-34-5] C<sub>24</sub>H<sub>30</sub>O<sub>9</sub> 462.49

MH16750

1mg	\$2240.00
2mg	\$3300.00
5mg	\$4200.00



Refs: Fishman, H.G, et al, Biochemistry, 8, 4304 (1969); Ryan, Sugar, J, et al, J. Clin. Endocrinol. Metab, 50, 137 (1980); Numazawa, M, et al, Steroids, 38, 149 (1981)

## 16a-Hydroxyestrone 16-glucuronoside

see 16a-Hydroxyestrone 16-b-D-glucuronide, MH16750 on page 314

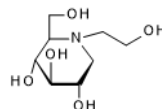
## N-(b-Hydroxyethyl)-1-deoxyojirimycin

- Miglitol
- Glyset

[72432-03-2] C<sub>8</sub>H<sub>17</sub>NO<sub>5</sub> 207.22

MH07215

100mg	\$50.00
250mg	\$90.00
500mg	\$150.00



Refs: Lembcke B, et al, Digestion, 1985, 31, p120; Yoshikuni Y, et al, J. Pharmacolbio-Dyn, 1988, 11, p356



**5-(2-Hydroxyethyl)-2'-deoxyuridine**

• 2'-Deoxy-5-(2-hydroxyethyl)uridine

[90301-60-3] C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 272.25

MH16752

1mg	\$139.90
2mg	\$254.40
5mg	\$462.50

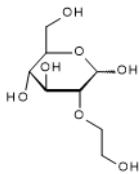


Refs: Griengl, H, et al, J. Med. Chem, 28, 1679 (1985)

**2-O-Hydroxyethyl-D-glucose**C<sub>8</sub>H<sub>16</sub>O<sub>7</sub> 224.21

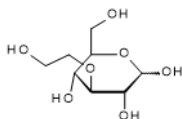
MH10076

50mg	\$125.00
100mg	\$200.00
250mg	\$420.00

**3-O-Hydroxyethyl-D-glucose**C<sub>8</sub>H<sub>16</sub>O<sub>7</sub> 224.21

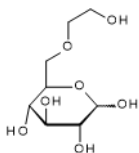
MH10077

50mg	\$47.50
100mg	\$74.00
250mg	\$132.50

**6-O-Hydroxyethyl-D-glucose**C<sub>8</sub>H<sub>16</sub>O<sub>7</sub> 224.21

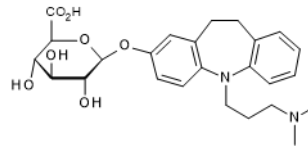
MH10078

10mg	\$60.00
25mg	\$90.00
50mg	\$150.00

**6-a-Hydroxygeniposide**see *Deacetylasperulosidic acid methyl ester*, MD45065 on page 159**2-Hydroxy-1-(hydroxymethyl)ethyl b-D-glucopyranoside 2,3,4,6-tetraacetate**see *b-Glucosylglycerol 2,3,4,6-tetraacetate*, MG16738 on page 300**N-[(3S,4R,5S)-4-Hydroxy-5-(hydroxymethyl)-3-pyrrolidinyl]acetamide**see *2-Acetamido-1,4-imino-1,2,4-trideoxy-L-arabinitol*, MA16570 on page 18**(7E)-2-Hydroxy-1-[(1E)-5-hydroxy-1-penten-1-yl]-7-nonene-3,5-diyn-1-yl b-D-glucopyranoside**see *Lobetyolin*, ML11577 on page 349**3-Hydroxy-5-[(1E)-2-(4-hydroxyphenyl)ethenyl]phenyl**see *trans-Resveratrol 3-O-b-D-glucuronide*, MR10035 on page 491**2-Hydroxyimipramine b-D-glucuronide**[54190-76-0] C<sub>25</sub>H<sub>32</sub>N<sub>2</sub>O<sub>7</sub> 472.54

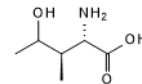
MH09757

1mg	\$315.00
2mg	\$588.00
5mg	\$1155.00

**a-Hydroxyisobutyronitrile b-D-glucose**see *Linamarin*, ML04551 on page 348**4-Hydroxy-L-isoleucine**[781658-23-9][21704-86-9] C<sub>6</sub>H<sub>13</sub>NO<sub>3</sub> 147.17

MH08284

10mg	\$60.00
25mg	\$125.00
50mg	\$210.00



Refs: Diabetes, 1998, 47, p206; Am J Physiol. 1999, 277, pE617



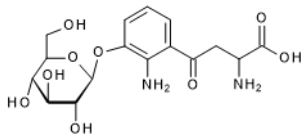
## Hydroxykynur

## 1-O-(3-Hydroxykynurenine)-b-D-glucopyranoside

[23224-46-6] C<sub>16</sub>H<sub>22</sub>N<sub>2</sub>O<sub>9</sub> 386.35

MH07440

1mg	\$210.00
2mg	\$378.00
5mg	\$866.30



Refs: Bova LM, et al. Inv. Iphthalmology &amp; Visual Science, 1999, 40, 13, p3237

## 4-Hydroxy-3-methoxy-1-(gamma-hydroxypropenyl)benzene-4-D-glucoside

see *Coniferin*, MC16663 on page 150

## 7-Hydroxy-4'-methoxyisoflavone-7-O-b-D-glucuronide

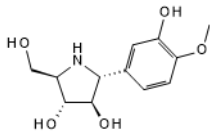
see *Formononetin-b-D-glucuronide sodium salt*, MF16377 on page 263

## (2R,3R,4R,5R)-2-(3-hydroxy-4-methoxyphenyl)-5-(hydroxymethyl)pyrrolidine-3,4-diol

[431981-74-7] C<sub>12</sub>H<sub>17</sub>NO<sub>5</sub> 255.27

MH58375

Price On Application



## 6-((E)-4-hydroxy-3-methylbut-2-enylamino)-9-b-Dglucopyranosylpurine

see *trans-Zeatin-9-glucoside*, MZ30305 on page 606

## 6-((Z)-4-hydroxy-3-methylbut-2-enylamino)-9-b-Dglucopyranosylpurine

see *cis-Zeatin-9-glucoside*, MZ30324 on page 605

## 6-((E)-4-Hydroxy-3-methylbut-2-enylamino)-7-b-D-glucopyranosyl purine

see *trans-Zeatin-7-glucoside*, MZ30304 on page 605

## 6-(4-hydroxy-3-methylbutylamino)-9-b-Dglucopyranosylpurine

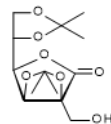
see *Dihydrozeatin-9-glucoside*, MD30222 on page 216

## 2C-Hydroxymethyl-2,3:5,6-di-O-isopropylidene-L-gulono-1,4-lactone

[64487-91-8] C<sub>13</sub>H<sub>20</sub>O<sub>7</sub> 288.29

MH03965

50mg	\$84.00
100mg	\$158.00
250mg	\$262.50

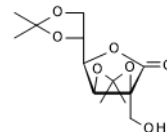


## 2C-Hydroxymethyl-2,3:5,6-di-O-isopropylidene-D-mannono-1,4-lactone

[70147-48-7] C<sub>13</sub>H<sub>20</sub>O<sub>7</sub> 288.29

MH03966

50mg	\$105.00
100mg	\$189.00
250mg	\$315.00

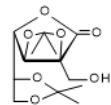


## 2C-Hydroxymethyl-2,3:5,6-di-O-isopropylidene-D-talono-1,4-lactone

[864846-17-3] C<sub>13</sub>H<sub>20</sub>O<sub>7</sub> 288.29

MH06310

50mg	\$105.00
100mg	\$189.00
250mg	\$367.50



## 4,5-O-[(1R)-2-Hydroxy-1-methylethylidene]-2,3-O-(1-methylethylidene)-b-D-fructopyranose 1-sulfamate

see *R-Hydroxy topiramate*, MH24144 on page 322

## 4,5-O-[(1S)-2-Hydroxy-1-methylethylidene]-2,3-O-(1-methylethylidene)-b-D-fructopyranose 1-sulfamate

see *S-Hydroxy topiramate*, MH24145 on page 322

## 4-Hydroxy-2,6-bis(1-methylethyl)phenyl b-D-glucopyranosiduronic acid

see *4-Hydroxypropofol 1-O-b-D-glucuronide*, MH09760 on page 320

## 4-Hydroxy-3,5-bis(1-methylethyl)phenyl b-D-glucopyranosiduronic acid

see *4-Hydroxypropofol-4-O-b-D-glucuronide*, MH09761 on page 320

## 3-C-(Hydroxymethyl)-D-glycero-tetrofuranose

see *D-Apiose - Aqueous solution*, MA00248 on page 79

H

**(2R,3R,4R,5R)-2-(hydroxymethyl)-5-(4-hydroxyphenyl)pyrrolidine-3,4-diol**

MH58376

Price On Application

**4-(Hydroxymethyl)-1,2-O-isopropylidene-3-O-benzyl-beta-L-threo-pentofuranose**[72261-44-0] C<sub>16</sub>H<sub>22</sub>O<sub>6</sub> 310.34

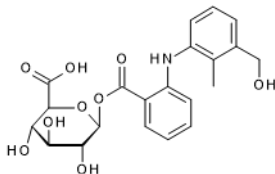
MH148499

50mg	\$71.00
100mg	\$124.00
250mg	\$247.50

**3-Hydroxymethyl mefenamic acid acyl b-D-glucuronide**[152832-29-6] C<sub>21</sub>H<sub>23</sub>NO<sub>9</sub> 433.41

MH10454

1mg	\$315.00
2mg	\$577.50
5mg	\$1155.00

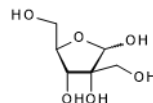
**(2R,3S,5S)-2-(Hydroxymethyl)-5-methoxyoxolan-3-ol**see *Methyl 2-deoxy-b-D-ribofuranoside*, MM02890 on page 388**(5R,6S,7R)-5-(Hydroxymethyl)-2-methyl-5,6,7,7a-tetrahydro-3aH-pyrano[3,2-d]thiazole-6,7-diol**see *N-Acetyl-glucosaminyl thiazoline*, MA141200 on page 36**(2b,4a,15a)-15-Hydroxy-2-[[2-O-(3-methyl-1-oxobutyl)-3,4-di-O-sulfo-b-D-glucopyranosyl]oxy]-19-norkaur-16-en-18-oic acid dipotassium salt**see *Attractyliside dipotassium salt*, MA18026 on page 87**6-(Hydroxymethyl)-2,3,4,6-peperidinetetrol**see *Galactostatin*, MG06114 on page 277**6-(Hydroxymethyl)-2,3,4,6-peperidinetetrol hydrogensulfite**see *Galactostatin bisulfite*, MG07421 on page 277**2-(Hydroxymethyl)phenyl b-D-glucopyranoside**see *D-Salicin*, MS01266 on page 499**(2S,3R,4S)-2-(Hydroxymethyl)-3,4-piperidinediol**see *Fagomine*, MF03611 on page 258**(3R,4R,5R)-5-(Hydroxymethyl)piperidine-3,4-diol**see *Isofagomine hydrochloride*, MI45273 on page 331**(3R,4R,5S)-5-(Hydroxymethyl)-3,4-piperidinediol**see *5-epi-isofagomine*, ME22730 on page 236**(3R,4R,5R)-5-(Hydroxymethyl)-3,4-piperidinediol (2S,3S)-2,3-dihydroxybutanedioate**see *Isofagomine D-tartrate*, MI24675 on page 331**(2R,3R,4R,5R)-2-(Hydroxymethyl)-3,4,5-piperidinetriol hydrochloride**see *1-Deoxymannojirimycin HCl*, MD05149 on page 179**(2R,3R,4R,5S)-2-(Hydroxymethyl)-3,4,5-piperidinetriol hydrochloride**see *1-Deoxyojirimycin HCl*, MD04655 on page 182**(2S,3R,4R,5S)-2-Hydroxymethyl-3,4,5-piperidinetriol hydrochloride**see *1-Deoxy-L-idonojirimycin hydrochloride*, MD16682 on page 176**2-Hydroxymethyl-3,4-pyrrolidinediol HCl**see *1,4-Dideoxy-1,4-imino-D-arabinitol hydrochloride*, MD14763 on page 209**2-C-Hydroxymethyl-D-ribose**

• Hamamelose

[4573-78-8] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MH00716

100mg	\$60.00
250mg	\$100.00
500mg	\$175.00



## Hydroxymethyl

## 5-Hydroxymethyl tolterodine b-D-glucuronide

• 2-[(1R)-3-[Bis(1-methylethyl)amino]-1-phenylpropyl]-4-(hydroxymethyl)phenyl b-D-glucopyranosiduronic acid

[210573-52-7] C<sub>28</sub>H<sub>39</sub>NO<sub>8</sub> 517.61

MH16755	1mg	\$1754.90
	2mg	\$3190.70
	5mg	\$5801.30

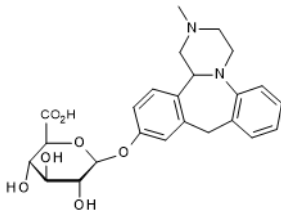


Refs: Lowry, O. et al. J. Biol. Chem. 193, 265 (1951); Andersson, K. et al. Drugs, 35, 477 (1988); Shimada, T. et al. J. Pharmacol. Exp. Ther. 270, 414 (1994); Postlind, H. et al. Drug Metab. Disp. 26, 289 (1998)

## 8-Hydroxymianserin b-D-glucuronide

[140695-49-4] C<sub>24</sub>H<sub>28</sub>N<sub>2</sub>O<sub>7</sub> 456.5

MH09758	1mg	\$304.50
	2mg	\$588.00
	5mg	\$1102.50

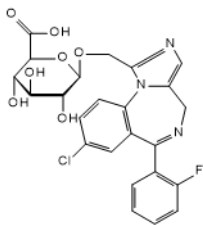


## 1-Hydroxymidazolam b-D-glucuronide

[81256-81-7] C<sub>24</sub>H<sub>21</sub>ClFN<sub>3</sub>O<sub>7</sub> 517.89

MH11754

Price On Application

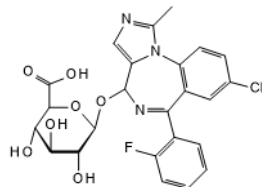


## (4-Hydroxymidazolam)-b-D-glucuronide

• 8-Chloro-6-(2-fluorophenyl)-1-methyl-4H-imidazo[1,5-A][1,4]benzodiazepin-4-yl b-D-glucopyranuronic acid

[81256-82-8] C<sub>24</sub>H<sub>21</sub>ClFN<sub>3</sub>O<sub>7</sub> 517.89

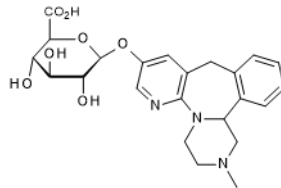
MH07442	1mg	\$262.50
	2mg	\$525.00
	5mg	\$1050.00



## 8-Hydroxymirtazapine b-D-glucuronide

[155239-47-7] C<sub>23</sub>H<sub>27</sub>N<sub>3</sub>O<sub>7</sub> 457.49

MH09759	1mg	\$231.00
	2mg	\$420.00
	5mg	\$787.50



## (17a)-17-Hydroxy-19-norpregna-1,3,5(10)-trien-20-yn-3-yl b-D-glucopyranosiduronic acid

see *Ethinyl estradiol 3-b-D-glucuronide*, ME16723 on page 256

## (17a)-3-Hydroxy-19-norpregna-1,3,5(10)-trien-20-yn-17-yl b-D-glucopyranosiduronic acid

see *Ethinyl estradiol 17-b-D-glucuronide*, ME16722 on page 256

## (16a)-3-Hydroxy-17-oxoestra-1,3,5(10)-trien-16-yl b-D-glucopyranosiduronic acid

see *16a-Hydroxyestrone 16-b-D-glucuronide*, MH16750 on page 314

## (2-Hydroxy-3-oxopropyl) dihydrogen phosphate

see *DL-Glyceraldehyde 3-phosphate - 45-55 mg/mL aqueous solution*, MG46662 on page 302

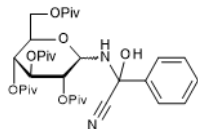
## (7a,17b)-17-Hydroxy-7-[9-[(4,4,5,5,5-pentafluoropentyl)sulfinyl]nonyl]estra-1,3,5(10)-trien-3-yl b-D-glucopyranosiduronic acid

see *Fulvestrant 3-b-D-glucuronide*, MF16731 on page 270

**(7a,17b)-3-Hydroxy-7-[9-[(4,4,5,5,5-pentafluoropentyl)sulfinyl]nonyl]estra-1,3,5(10)-trien-17-yl b-D-glucopyranosiduronic acid**see *Fulvestrant 17-b-D-glucuronide*, MF16730 on page 270**N-[2-(2'-Hydroxyphenylacetonitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>34</sub>H<sub>50</sub>N<sub>4</sub>O<sub>10</sub> 674.78

MH08452

Price On Application

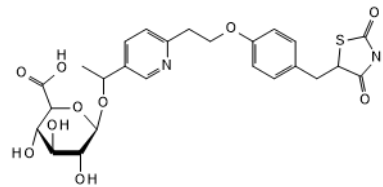
**(4-Hydroxyphenyl)-2-butanone beta-D-glucoside**see *Raspberry ketone glucoside*, MR15464 on page 490**2-(4-Hydroxyphenyl)ethyl-b-D-glucopyranoside**see *Salidroside*, MS15592 on page 500**3-(4-Hydroxyphenyl)-4-oxo-4H-1-benzopyran-7-yl b-D-Glucopyranosiduronic acid potassium salt**see *Daidzein 7-O-b-D-glucuronide potassium salt*, MD07335 on page 157**2-(4-Hydroxyphenyl)-3-[4-2[2-(1-piperidinyloxybenzoyl]benzo[b]thien-6-yl]-b-D-glucopyranosiduronic acid**see *Raloxifene 6-D-glucuronide*, MR07278 on page 488**1-Hydroxy-3-(phosphonoxy)-2-propanone dilithium salt**see *Glycerone phosphate dilithium salt*, MG46659 on page 304**1-Hydroxy-3-(phosphonoxy)-2-propanone hemimagnesium salt hydrate**see *Glycerone phosphate hemimagnesium salt hydrate*, MG46661 on page 304**1-Hydroxy-3-(phosphonoxy)-2-propanone lithium salt**see *Glycerone phosphate lithium salt*, MG46660 on page 304**Hydroxy pioglitazone (M-IV) b-D-glucuronide**

• 1-[6-[2-[4-[(2,4-Dioxo-5-thiazolidinyl)methyl]phenoxy]ethyl]-3-pyridinyl]ethyl b-D-glucopyranosiduronic acid

[625853-76-1] C<sub>25</sub>H<sub>28</sub>N<sub>2</sub>O<sub>10</sub>S 548.56

MH16746

1mg	\$408.80
2mg	\$743.30
5mg	\$1351.40



Refs: Krieter, P., et al, Drug Metab. Dispos, 22, 625

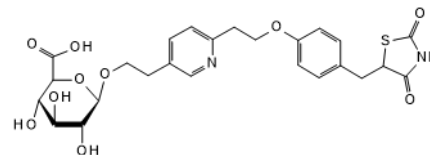
**Hydroxy pioglitazone (M-VII) b-D-glucuronide**

• 2-[6-[2-[4-[(2,4-Dioxo-5-thiazolidinyl)methyl]phenoxy]ethyl]-3-pyridinyl]ethyl b-D-glucopyranosiduronic acid

[625853-75-0] C<sub>25</sub>H<sub>28</sub>N<sub>2</sub>O<sub>10</sub>S 548.56

MH16747

1mg	\$454.30
2mg	\$825.90
5mg	\$1501.50



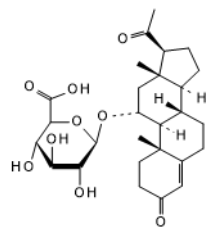
Refs: Krieter, P., et al, Drug Metab. Dispos, 22, 625

**4-[6-Hydroxy-3-[4-2[2-(1-piperidinyloxybenzoyl]benzo[b]thien-2-yl]phenyl]-b-D-glucopyranosiduronic acid**see *Raloxifene 4'-D-glucuronide*, MR07277 on page 488**20a-Hydroxy-5b-pregnan-3a-yl b-D-glucopyranosiduronic acid**see *Pregnanediol 3a-O-b-D-glucuronide*, MP16836 on page 478**(3a,5b,20S)-20-Hydroxypregnan-3-yl b-D-glucopyranosiduronic acid**see *Pregnanediol 3a-O-b-D-glucuronide*, MP16836 on page 478

**Hydroxyproge****11 $\alpha$ -Hydroxy progesterone b-D-glucuronide**• (11 $\alpha$ )-3,20-Dioxopregn-4-en-11-yl[77710-64-6] C<sub>27</sub>H<sub>38</sub>O<sub>9</sub> 506.59

MH16748

1mg	\$511.00
2mg	\$929.10
5mg	\$1689.20

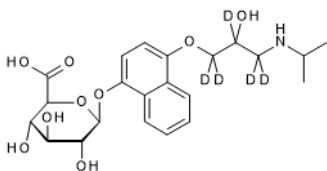


Refs: Sauer, M. J, et al, J. Steroid Biochem, 26, 165 (1987)

**4'-Hydroxypropranolol D-glucuronide D5**C<sub>22</sub>H<sub>24</sub>NO<sub>9</sub>D<sub>5</sub> 456.51

MH09959

Price On Application

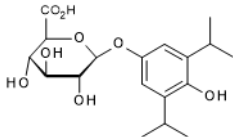
**4-(3-Hydroxy-1-propen-1-yl)-2-methoxyphenyl b-glucopyranoside**see *Coniferin*, MC16663 on page 150**4-Hydroxypropofol-4-O-b-D-glucuronide**

• 4-Hydroxy-3,5-bis(1-methylethyl)phenyl b-D-glucopyranosiduronic acid

[115005-78-2] C<sub>18</sub>H<sub>26</sub>O<sub>8</sub> 370.4

MH09761

1mg	\$305.00
2mg	\$590.00
5mg	\$1250.00

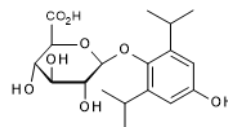
**4-Hydroxypropofol 1-O-b-D-glucuronide**

• 4-Hydroxy-2,6-bis(1-methylethyl)phenyl b-D-glucopyranosiduronic acid

[114991-25-2] C<sub>18</sub>H<sub>26</sub>O<sub>8</sub> 370.4

MH09760

1mg	\$305.00
2mg	\$590.00
5mg	\$1250.00

**4'-Hydroxypropranolol-2-O-b-D-glucuronide**

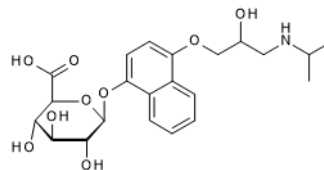
MH09958

1mg	\$262.50
2mg	\$462.00
5mg	\$997.50

**4'-Hydroxypropranolol-4'-O-b-D-glucuronide**[94731-13-2] C<sub>22</sub>H<sub>29</sub>NO<sub>9</sub> 451.47

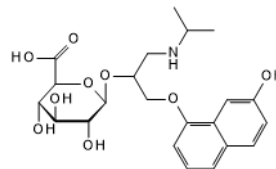
MH09957

1mg	\$262.50
2mg	\$472.50
5mg	\$997.50

**7'-Hydroxypropranolol-b-D-glucuronide**C<sub>22</sub>H<sub>29</sub>NO<sub>9</sub> 451.47

MH35492

Price On Application

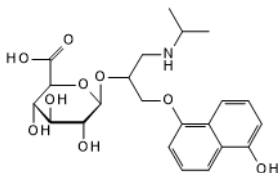




**5'-Hydroxypropranolol-b-D-glucuronoside**C<sub>22</sub>H<sub>29</sub>NO<sub>9</sub> 451.47

MH35491

Price On Application

**N-(3-Hydroxypropyl phthalimido 2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside**

MH12490

1mg	\$52.50
2mg	\$94.50
5mg	\$210.00

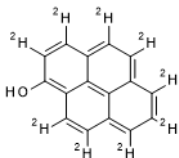
**1-Hydroxypyrene-d9**

- 1-Pyrenol-d9
- 1-Pyren-2,3,4,5,6,7,8,9,10-d9-ol

[132603-37-3] C<sub>16</sub>H<sub>9</sub>D<sub>9</sub>O 227.3

MH16756

1mg	\$149.90
2mg	\$272.60
5mg	\$495.50

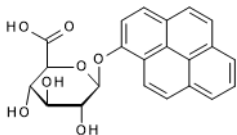


Refs: Jongeneelen, F.J. et al, Int. Arch. Occup. Environ. Health, 57, 47 (1985)

**1-Hydroxypyrene b-D-glucuronide**see *1-Pyrenyl b-D-glucuronide*, MP05326 on page 484**1-Hydroxypyrene b-D-glucuronide**[154717-05-2] C<sub>22</sub>H<sub>18</sub>O<sub>7</sub> 394.37

MH10188

1mg	\$95.00
2mg	\$145.00
5mg	\$250.00

**(5-Hydroxy rosiglitazone)-b-D-glucuronide**

- 6-[6-((2-[4-Dioxo-thiazolindin-5-yl-methyl]-phenoxy)ethyl)-methyl-amino]-pyridin-3-yloxy]-3,4,5-trihydroxy-tetrahydro-pyran-2-carboxylic acid

[288853-59-8] C<sub>24</sub>H<sub>27</sub>N<sub>3</sub>O<sub>10</sub>S 549.55

MH07446

1mg	\$367.50
2mg	\$735.00
5mg	\$1470.00



Refs: Balton GC, et al, Xenobiotica, 1996, 26, 6, p627

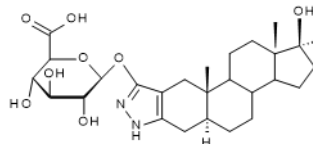
**(3b,25R)-19-Hydroxyspirost-5-en-3-yl3-O-(6-deoxy-a-L-mannopyranosyl)-b-D-glucoopyranoside**see *Mannoside A*, MM15822 on page 354**3-Hydroxystanozolol glucuronide**

- 3,17-b-Dihydroxy-17-a-methyl-5-a-androstano-[3, 2-c] pyrazole 3'-b-glucuronide dihydrate

[361432-41-9] C<sub>28</sub>H<sub>38</sub>N<sub>2</sub>O<sub>6</sub>·C<sub>2</sub>H<sub>6</sub> 536.66

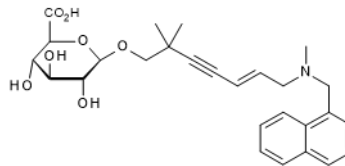
MH11459

1mg	\$367.50
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**Hydroxyterbinafine b-D-glucuronide**[99473-12-8] C<sub>27</sub>H<sub>33</sub>NO<sub>7</sub> 483.57

MH09762

1mg	\$357.00
2mg	\$672.00
5mg	\$1365.00

**10-Hydroxy topiramate**see *R-Hydroxy topiramate*, MH24144 on page 322**9-Hydroxy topiramate**see *S-Hydroxy topiramate*, MH24145 on page 322

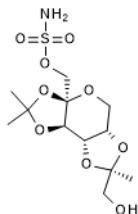
**Hydroxytopir****R-Hydroxy topiramate**

- 4,5-O-[(1R)-2-Hydroxy-1-methylethylidene]-2,3-O-(1-methylethylidene)-b-D-fructopyranose 1-sulfamate
- 10-Hydroxy topiramate

[198215-60-0] C<sub>12</sub>H<sub>21</sub>NO<sub>9</sub>S 355.36

MH24144

1mg	\$454.30
2mg	\$825.90
5mg	\$1501.50



Refs: Maryanoff, B, et al, J. Med. Chem, 30, 880

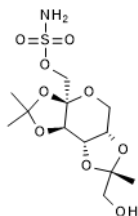
**S-Hydroxy topiramate**

- 4,5-O-[(1S)-2-Hydroxy-1-methylethylidene]-2,3-O-(1-methylethylidene)-b-D-fructopyranose 1-sulfamate
- 9-Hydroxy topiramate

[198215-62-2] C<sub>12</sub>H<sub>21</sub>NO<sub>9</sub>S 355.36

MH24145

1mg	\$454.30
2mg	\$825.90
5mg	\$1501.50

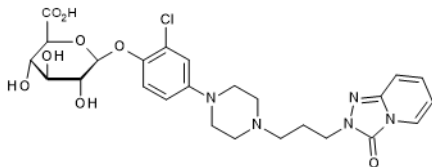


Refs: Maryanoff, B, et al, J. Med. Chem, 30, 880

**4'-Hydroxytrazodone b-D-glucuronide**[53818-11-4] C<sub>25</sub>H<sub>30</sub>ClN<sub>5</sub>O<sub>8</sub> 564

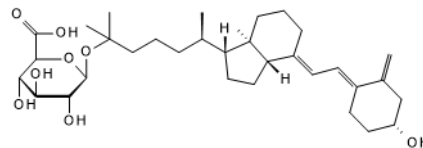
MH09763

1mg	\$315.00
2mg	\$577.50
5mg	\$1155.00

**5-Hydroxyvitamin D3 25-glucuronide**[84344-78-5] C<sub>33</sub>H<sub>52</sub>O<sub>8</sub> 576.76

MH45876

5mg	\$900.00
10mg	\$1400.00
25mg	\$3000.00

**(3S,4R)-3-Hydroxy-4-(b-D-xylopyranosyloxy)-2-piperidinone**

see 5-Amino-3-O-(D-xylopyranosyl)-D-threo-pentano-1,5-lactam, MA16595 on page 67

**Hyperin**

see Quercetin 3-b-D-galactoside, MQ08114 on page 486

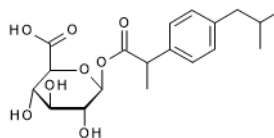
**Hyperoside**

see Quercetin 3-b-D-galactoside, MQ08114 on page 486

**Ibuprofen acyl-b-D-glucuronide**[115075-59-7] C<sub>19</sub>H<sub>26</sub>O<sub>8</sub> 382.4

MI10192

1mg	\$115.00
2mg	\$220.00
5mg	\$525.00

**(S)-Ibuprofen-acyl-b-D-glucuronide**

see Dexibuprofen-acyl-b-D-glucuronide, MD44741 on page 190

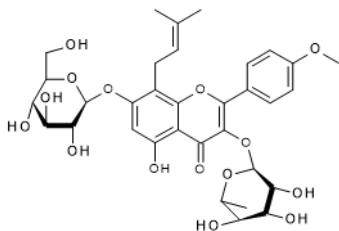
**Icariin**

• 3-[[[6-Deoxy-a-L-mannopyranosyl)oxy]-7-b-D-glucopyranosyloxy-5-hydroxy-2-(4-methoxyphenyl)-4H-1-benzopyran-4-one

[489-32-7] C<sub>33</sub>H<sub>40</sub>O<sub>15</sub> 676.66

MI08119

1g \$99.80  
2g \$168.00  
5g \$315.00



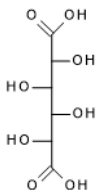
Refs: Nippon Kagaku Zasshi, 1935, 55, p537

**L-Idaric acid**

[80876-58-0] C<sub>6</sub>H<sub>10</sub>O<sub>8</sub> 210.14

MI07444

10mg \$1170.00

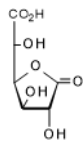
**L-Idaric acid 1,4-lactone**

• L-Idaro-1,4-lactone

[80876-59-1] C<sub>6</sub>H<sub>8</sub>O<sub>7</sub> 192.12

MI05351

500ug \$250.00  
1mg \$350.00  
2mg \$580.00



Refs: Herd JH, Mayberry WR, Snell RL, Carbohydr. Res. 1982, 99, p33

**L-Idaro-1,4-lactone**

see *L-Idaric acid 1,4-lactone*, MI05351 on page 323

**Ideain chloride**

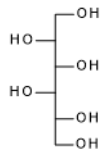
see *Cyanidin-3-O-galactoside chloride*, MC09475 on page 153

**D-Iditol**

[25878-23-3] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

MI07130

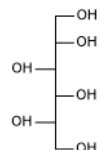
25mg \$55.00  
50mg \$90.00  
100mg \$150.00

**L-Iditol**

[488-45-9] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

MI04750

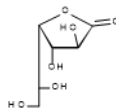
250mg \$130.00  
500mg \$245.00  
1g \$450.00

**D-Idonic acid-1,4-lactone**

[161168-87-2] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MI08254

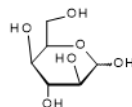
25mg \$95.00  
50mg \$175.00  
100mg \$290.00

**D-Idose - Aqueous solution**

[5978-95-0] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MI06618

25mg \$75.00  
50mg \$125.00  
100mg \$195.00



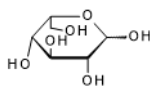
## Idose

## L-Idose - Aqueous solution

[5934-56-5] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MI04205

25mg	\$60.50
50mg	\$110.50
100mg	\$200.00



Refs: Adinolfi M, Barone G, de Lorenzo F, Ladonisi A, Synlett 1999, 336-338



## α-L-Idose pentaacetate

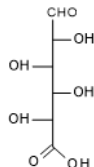
see *Penta-O-acetyl-α-L-idopyranose*, MP04747 on page 452

## L-Iduronic acid

[2073-35-0][3402-98-0] C<sub>6</sub>H<sub>10</sub>O<sub>7</sub> 194.14

MI08102

5mg	\$95.00
10mg	\$170.00
25mg	\$325.00



## L-Iduronic acid-1,6-13C2

13C<sub>2</sub>C<sub>4</sub>H<sub>10</sub>O<sub>7</sub> 2523.81

MI46793

Price On Application

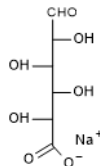


## L-Iduronic acid sodium salt

[2073-35-0][61199-83-5] C<sub>6</sub>H<sub>9</sub>NaO<sub>7</sub> 216.12

MI05148

1mg	\$60.00
2mg	\$110.00
5mg	\$250.00



Refs: Hoffman P, et al, Science 1956, 124, p1252; Meyer K, Biochim. Biophys. Acta 1956, 21, p506; Cifonelli JA, et al, Federation Proc. 1957, 16, p165; Cifonelli JA, et al, J. Biol. Chem. 1958, 233, p541

## L-Iduronolactone acetonide

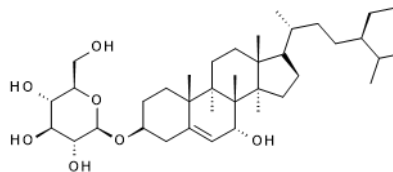
see *1,2-O-Isopropylidene-β-L-idofuranosylurono-6,3-lactone*, MI09872 on page 336

## Ikshusterol 3-O-glucoside

[112137-81-2]

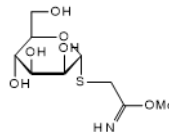
MI44384

Price On Application

2-(1'-Imidazoylsulfonyl)-1,3,5-tri-*o*-benzoyl-α-*D*-ribofuranosesee *1,3,5-Tri-O-benzoyl-2-O-(1H-imidazole-1-sulfonate)-α-D-ribofuranose*, MT06776 on page 5782-Imino-2-methoxyethyl-1-deoxy-1-thio-α-*D*-mannopyranoside[61145-44-6] C<sub>9</sub>H<sub>17</sub>NO<sub>6</sub>S 267.3

MI45467

1g	\$1500.00
2g	\$1950.00
5g	\$3250.00



## iminosugar 1

MI30894

Price On Application



## iminosugar 2

MI30895

Price On Application

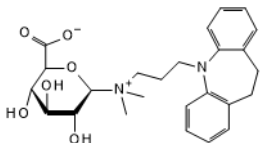


**Imipramine N-b-D-glucuronide**

• N-b-D-Glucopyranuronosyl-10,11-dihydro-N,N-dimethyl-5H-dibenz[b,f]azepine-5-propanaminium inner salt

[165602-94-8] C<sub>25</sub>H<sub>32</sub>N<sub>2</sub>O<sub>6</sub> 456.53

MI16758 1mg \$254.40  
2mg \$462.50  
5mg \$840.90



Refs: Magdalou, J, et al, J. Biol. Chem, 257, 13624 (1982); Orzechowski, A, et al, Carcinogenesis, 15, 1549 (1994); Hawes, E, et al, Drug Metab. Dispos, 26, 830 (1998)

**Impurity H Ribavirin**

see 1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxylic acid methyl ester, MR10473 on page 496

**Indican trihydrate**

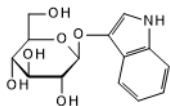
see 3-Indolyl b-D-glucopyranoside trihydrate, MI16759 on page 325

**3-Indolyl b-D-glucopyranoside trihydrate**

• Plant indican  
• Indican trihydrate

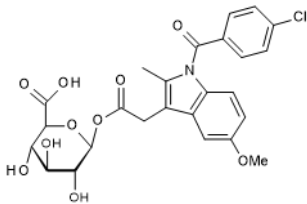
[1328-73-0] C<sub>14</sub>H<sub>17</sub>NO<sub>6</sub>·3H<sub>2</sub>O 349.33

MI16759 50mg \$140.00  
100mg \$255.00  
250mg \$462.50

**Indomethacin acyl-b-D-glucuronide**

[75523-11-4] C<sub>25</sub>H<sub>24</sub>ClNO<sub>10</sub> 533.91

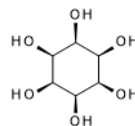
MI07430 1mg \$170.00  
2mg \$300.00  
5mg \$650.00

**cis-Inositol**

[576-63-6] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MI10118

1mg \$75.00  
2mg \$100.00  
5mg \$175.00

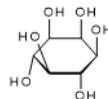
**myo-Inositol**

• meso-Inositol  
• Myoinositol

[87-89-8] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MI06864

500g \$65.00  
1kg \$110.00  
2kg \$190.00

**myo-Inositol cyclic 1,2:3,4:5,6-tris(P,P'-dihydrogen diphosphate) hexasodium salt**

see myo-Inositol trispyrophosphate hexasodium salt, MI16762 on page 328

**myo-Inositol cyclic 1,2:3,4:5,6-tris(dihydrogen pyrophosphate) hexasodium salt**

see myo-Inositol trispyrophosphate hexasodium salt, MI16762 on page 328

**D-myo-Inositol-2,3-O-cyclohexylidene**

[57029-87-5] C<sub>12</sub>H<sub>20</sub>O<sub>8</sub> 260.28

MI59556

500mg \$250.00  
1g \$395.00  
2g \$750.00

**myo-Inositol monoorthoformate**

see 1,3,5-O-Methylidene-myo-inositol, MM11232 on page 402

**Inositolmono****D-myo-Inositol-1-monophosphate dipotassium salt**[573-35-3]  $C_6H_{19}K_2O_9P$  334.3

MI44565

1mg \$275.00  
2mg \$470.00  
5mg \$825.00**Inositol niacinate**see *Inositol nicotinate*, MI33322 on page 326**Inositol nicotinate**

• Inositol niacinate

[6556-11-2]  $C_{42}H_{30}N_6O_{12}$  810.72

MI33322

1Kg \$95.00  
2Kg \$170.00  
5Kg \$250.00**myo-Inositol 1,2,3,4,6-pentakisphosphate**[861922-14-7]  $C_6H_{17}O_{21}P_5$  580.06

MI44568

1mg \$750.00

**myo-Inositol 1,2,3,5,6-pentakisphosphate**[26326-85-2]  $C_6H_{17}O_{21}P_5$  580.06

MI44567

1mg \$750.00  
2mg \$1180.00  
5mg \$1775.00**myo-Inositol 1,2,4,5,6-pentakisphosphate** $C_6H_{17}O_{21}P_5$  580.06

MI44566

1mg \$750.00

**myo-Inositol 1,3,4,5,6-pentakisphosphate decasodium salt**[20298-95-7]  $C_6H_7Na_{10}O_{21}P_5$  799.87

MI44570

1mg \$590.00

**myo-Inositol 2,3,4,5,6-pentakisphosphate decasodium salt**

• InsP5

 $C_6H_7Na_{10}O_{21}P_5$  799.87

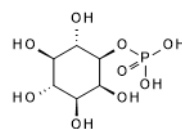
MI44569

Price On Application

**D-myo-inositol 3-phosphate**[2831-74-5]  $C_6H_{13}O_9P$  260.14

MI46176

Price On Application

**myo-Inositol 1,4,5,6-tetrakis(dihydrogen phosphate)**see *D-myo-Inositol 1,4,5,6-tetrakisphosphate sodium salt*, MI16761 on page 327**Inositol 1,4,5,6-tetrakisphosphate**see *D-myo-Inositol 1,4,5,6-tetrakisphosphate sodium salt*, MI16761 on page 327

**D-myo-Inositol-1,2,5,6-tetrphosphate sodium salt**[6917-35-7] C<sub>6</sub>H<sub>12</sub>O<sub>18</sub>P<sub>4</sub>·4Na 588

Price On Application

MI33010

**D-myo-Inositol-1,3,4,5-tetrphosphate sodium salt**

- 1,3,4,5-IP<sub>4</sub>
- Ins(1,3,4,5)-P<sub>4</sub>

[210488-61-2] C<sub>6</sub>H<sub>8</sub>O<sub>18</sub>P<sub>4</sub>·8Na 675.93

Price On Application

MI33009

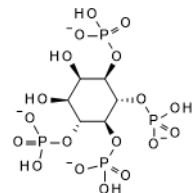
**D-myo-Inositol 1,4,5,6-tetrphosphate sodium salt**

- myo-Inositol 1,4,5,6-tetrakis(dihydrogen phosphate)
- Inositol 1,4,5,6-tetrphosphate
- Ins(1,3,4,5)P<sub>4</sub>

[157542-47-7][454199-76-9] C<sub>6</sub>H<sub>12</sub>O<sub>18</sub>P<sub>4</sub>Na<sub>4</sub> 588

MI16761

1mg	\$150.00
2mg	\$250.00
5mg	\$475.00



Refs: Majerus, P. J Biol Chem 1999, 274, 10669, Adelt, S; Bioorg Med Chem Lett 2001, 11, 2705, Shears, S; Biochem J 2004, 377, 265

**D-myo-Inositol-1,3,4-triphosphate**[140385-74-6] C<sub>6</sub>H<sub>12</sub>O<sub>15</sub>P<sub>3</sub> 417.07

1mg \$600.00

MI33002

**D-myo-Inositol-1,3,6-triphosphate**C<sub>6</sub>H<sub>15</sub>O<sub>15</sub>P<sub>3</sub> 420.1

1mg \$695.00

MI44581

**D-myo-Inositol-3,4,5-triphosphate**C<sub>6</sub>H<sub>12</sub>O<sub>15</sub>P<sub>3</sub> 417.07

1mg \$800.00

MI33007

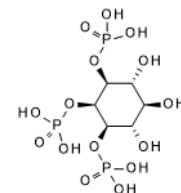
**D-myo-Inositol 1,2,3-triphosphate**

- Ins(1,2,3)P<sub>3</sub>

[41613-02-9] C<sub>6</sub>H<sub>15</sub>O<sub>15</sub>P<sub>3</sub> 420.1

MI16760

1mg	\$590.50
2mg	\$1073.60
5mg	\$1952.00



Refs: Graf, E, et al, J. Biol. Chem, 262, 11647 (1987); Petrat, F, et al, Biol. Chem, 383, 489 (2002); Merkofer, M, et al, Chem. Res. Toxicol, 19, 1263 (2006)

**D-myo-Inositol 1,4,5-triphosphate potassium salt**[103476-24-0] C<sub>6</sub>H<sub>9</sub>K<sub>6</sub>O<sub>15</sub>P<sub>3</sub> 648.64

1mg	\$175.00
2mg	\$300.00
5mg	\$625.00

MI59702



**Inositoltrip****D-myo-Inositol-1,2,6-triphosphate sodium salt**

• 1,2,6-IP3

 $C_6H_{12}O_{15}P_3 \cdot xNa$  417.07 (free acid basis)

MI33003

1mg

\$750.00

**D-myo-Inositol-1,3,5-triphosphate sodium salt** $C_6H_{12}O_{15}P_3 \cdot xNa$  417.07 (free acid basis)

MI33006

1mg

\$600.00

**D-myo-Inositol-1,5,6-triphosphate sodium salt**[120965-76-6]  $C_6H_{12}O_{15}P_3 \cdot xNa$  417.07 (free acid basis)

MI33008

1mg

\$850.00

**D-myo-Inositol-2,4,5-triphosphate sodium salt** $C_6H_{12}O_{15}P_3 \cdot xNa$  417.07 (free acid basis)

MI33005

1mg

\$850.00

**D-myo-Inositol-2,5,6-triphosphate sodium salt** $C_6H_{12}O_{15}P_3 \cdot xNa$  417.07 (free acid basis)

MI33004

1mg

\$850.00

**D-myo-Inositol 1,4,5-triphosphate sodium salt**

[27121-73-9][108340-81-4]

 $C_6H_9Na_6O_{15}P_3$  551.99

MI09061

1mg

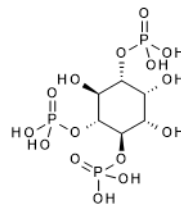
\$175.00

2mg

\$300.00

5mg

\$495.00

**D-myo-Inositol 1,4,6-triphosphate sodium salt**

[157380-18-2]

 $C_6H_{12}O_{15}P_3 \cdot xNa$  417.07 (free acid basis)

MI13690

1mg

\$500.00

**myo-Inositol trispyrophosphate**

• ITPP

[802590-64-3]

 $C_6H_{12}O_{21}P_6$  605.99

MI29830

2g

\$78.00

5g

\$156.00

10g

\$250.00

**myo-Inositol trispyrophosphate hexasodium salt**

• ITPP hexasodium salt

• myo-Inositol cyclic 1,2:3,4:5,6-tris(dihydrogen pyrophosphate)) hexasodium salt

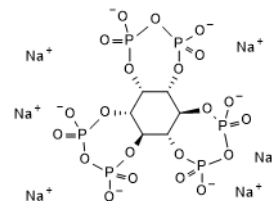
• myo-Inositol cyclic 1,2:3,4:5,6-tris(P,P'-dihydrogen diphosphate) hexasodium salt

[623552-11-4][23103-35-7]

 $C_6H_6Na_6O_{21}P_6$  737.88

MI16762

Price On Application

Refs: Duarte, C.D. et al, *Chembiochem*, 11, 2543 (2010); Biolo, A. et al, *Proc. Nat. Acad. Sci. U.S.A.*, 106, 1926 (2009)



**Ins(1,2,3)P3**see *D-myo-Inositol 1,2,3-triphosphate*, MI16760 on page 327**Ins(1,3,4,5)-P4**see *D-myo-Inositol-1,3,4,5-tetraphosphate sodium salt*, MI33009 on page 327**Ins(1,3,4,5)P4**see *D-myo-Inositol 1,4,5,6-tetraphosphate sodium salt*, MI16761 on page 327**InsP5**see *myo-Inositol 2,3,4,5,6-pentakisphosphate decasodium salt*, MI44569 on page 326**2-Iodoethyl  $\alpha$ -L-fucopyranoside**C<sub>8</sub>H<sub>15</sub>IO<sub>5</sub> 318.11

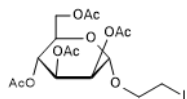
MI46837

10mg	\$70.00
25mg	\$115.00
50mg	\$195.00

**2-Iodoethyl 2,3,4,6-tetra-O-acetyl- $\alpha$ -D-mannopyranoside**C<sub>16</sub>H<sub>23</sub>IO<sub>10</sub> 502.25

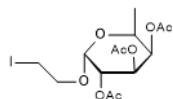
MI06577

50mg	\$55.00
100mg	\$90.00
250mg	\$187.50

**2-Iodoethyl 2,3,4-tri-O-acetyl- $\alpha$ -L-fucopyranoside**C<sub>14</sub>H<sub>21</sub>IO<sub>8</sub> 444.22

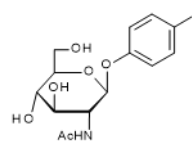
MI59743

Price On Application

**4-Iodophenyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[38229-81-1] C<sub>14</sub>H<sub>18</sub>INO<sub>6</sub> 423.2

MI00866

5g	\$420.00
10g	\$787.50
25g	\$1575.00

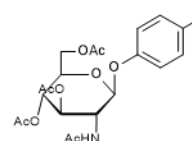
**4-Iodophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**

• Iodophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside

[38229-75-3] C<sub>20</sub>H<sub>24</sub>INO<sub>9</sub> 549.31

MI00859

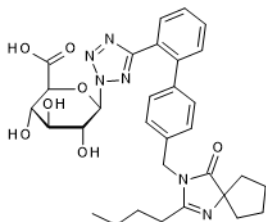
200mg	\$74.00
500mg	\$160.00
1g	\$262.50

**Iodophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**see *4-Iodophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside*, MI00859 on page 329**1,2,6-IP3**see *D-myo-Inositol-1,2,6-triphosphate sodium salt*, MI33003 on page 328**1,3,4,5-IP4**see *D-myo-Inositol-1,3,4,5-tetraphosphate sodium salt*, MI33009 on page 327**IPTGICa.Na**see *Isopropyl b-D-thiogluconide sodium salt*, MI05103 on page 341

**Irbesartangl****Irbesartan N-b-D-glucuronide**[160205-58-3] C<sub>31</sub>H<sub>36</sub>N<sub>6</sub>O<sub>7</sub> 604.65

MI09885

1mg	\$325.00
2mg	\$600.00
5mg	\$1300.00

**Iridin**

- Iridigen 7-glucoside
- 7-(b-D-Glucopyranosyloxy)-5-hydroxy-3-(3-hydroxy-4,5-dimethoxyphenyl)-6-methoxychromen-4-one

[491-74-7] C<sub>24</sub>H<sub>26</sub>O<sub>13</sub> 522.46

MI59461

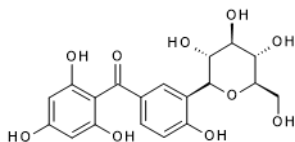
10mg	\$95.00
25mg	\$175.00
50mg	\$250.00

**Iriflophenone 3-C-b-D-glucopyranoside**

[104669-02-5]

MI44376

Price On Application

**Iridigen 7-glucoside**see *Iridin*, MI59461 on page 330**Iristectorigenin A 7-glucoside**

[94396-09-5]

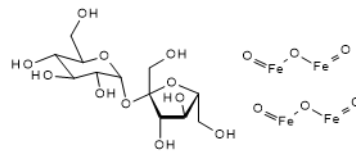
MI74570

Price On Application

**Iron sucrose**[8047-67-4] C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>Fe 398.14

MI06088

25g	\$55.00
50g	\$90.00
100g	\$160.00



Refs: Yee J, Besarab A, Am.J. Kidney Disease, 2002, 40, p1111

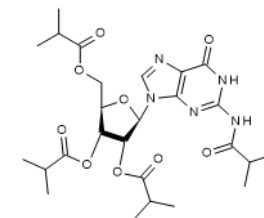
**ISDN**see *Isosorbide dinitrate - 60% lactose and 40% Isosorbide dinitrate*, MI09907 on page 342**Isobarbaloin**see *Aloin - Mixture of Aloin A and Aloin B*, MA05054 on page 53**Isobarbaloin**see *Aloin B*, MA76227 on page 53**2-Isobutyramido guanosine 2',3',5'-tris(isobutanoate)**

- 2-Isobutyramido guanosine 2',3',5'-tris(2-methylpropanoate)

[70337-80-3] C<sub>26</sub>H<sub>37</sub>N<sub>5</sub>O<sub>9</sub> 563.6

MI16764

25mg	\$140.00
50mg	\$254.50
100mg	\$462.00

**2-Isobutyramido guanosine 2',3',5'-tris(2-methylpropanoate)**see *2-Isobutyramido guanosine 2',3',5'-tris(isobutanoate)*, MI16764 on page 330

**Isofagomine hydrochloride**

• (3R,4R,5R)-5-(Hydroxymethyl)piperidine-3,4-diol

[161302-93-8][169105-89-9] C<sub>6</sub>H<sub>13</sub>NO<sub>3</sub>·HCl 183.63

MI45273

25mg	\$1625.00
50mg	\$2500.00
100mg	\$3575.00

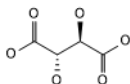
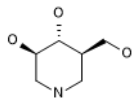
**Isofagomine D-tartrate**

• (3R,4R,5R)-5-(Hydroxymethyl)-3,4-piperidinediol (2S,3S)-2,3-dihydroxybutanedioate

[957230-65-8] C<sub>10</sub>H<sub>19</sub>NO<sub>9</sub> 297.26

MI24675

1mg	\$65.00
2mg	\$90.00
5mg	\$150.00



Refs: Zhou, Z, et al, J. Biol. Chem, 274, 31123 (1999)

**D-Isoidide**

see 1,4:3,6-Dianhydro-D-iditol, MD156797 on page 197

**(-)-isolaricresinol-2a-O-b-D-xylopyranoside**

MI74559

Price On Application

**Isolinamarin**

[14605-42-6]

MI15278

50mg	\$152.50
100mg	\$263.00
250mg	\$577.50

**Isomannide**

see 1,4:3,6-Dianhydro-D-mannitol, MD06655 on page 198

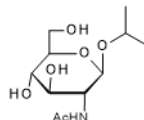
**iso-Neu4Ac2en**

see 4-Acetamido-2,6-anhydro-3,4-dideoxy-D-glycero-D-galactonon-2-enonic acid, MA05709 on page 10

**Isopropyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[78341-33-0] C<sub>11</sub>H<sub>21</sub>NO<sub>6</sub> 263.29

MI02488

250mg	\$197.50
500mg	\$265.00
1g	\$420.00

**Isopropyl 2-acetamido-2-deoxy-α-D-glucopyranoside**[19124-40-4] C<sub>11</sub>H<sub>21</sub>NO<sub>6</sub> 263.29

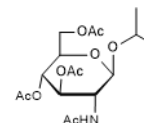
MI76703

Price On Application

**Isopropyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[7772-85-2] C<sub>17</sub>H<sub>27</sub>NO<sub>9</sub> 389.4

MI01863

10g	\$787.50
25g	\$1365.00
50g	\$2100.00

**Isopropyl 2-amino-2-deoxy-b-D-glucopyranoside HCl**

MI03158

500mg	\$1050.00
1g	\$1450.00
2g	\$2500.00



## Isopropylide

**2,3-O-Isopropylidene-D-allono-1,4-lactone**

• 2,3-O-(1-Methylethylidene)-D-allonic acid gamma-lactone

[655248-04-7] C<sub>9</sub>H<sub>14</sub>O<sub>6</sub> 218.2

MI146487

Price On Application

**1,2-O-Isopropylidene-D-apio-b-L-furanose**

see 1,2-O-Isopropylidene-b-L-apiose, MI145915 on page 332

**1,2-O-Isopropylidene-b-L-apiose**

• 1,2-O-Isopropylidene-D-apio-b-L-furanose

[14048-35-2] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

MI145915

1g	\$750.00
2g	\$1200.00
5g	\$2000.00

**2,3-O-Isopropylidene-D-apiose**[94943-41-6] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

MI71501

1g	\$550.00
2g	\$900.00
5g	\$1500.00

**3,5-O-Isopropylidene-D-arabinofuranose**

MI01640

Price On Application

**3,5-O-Isopropylidene-L-arabinofuranose**

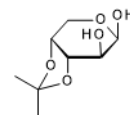
MI00742

Price On Application

**3,4-O-Isopropylidene-b-D-arabinopyranose**[58645-40-2] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

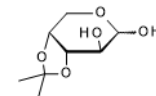
MI58362

25mg	\$102.00
50mg	\$163.00
100mg	\$261.00

**3,4-O-Isopropylidene-D-arabinose**C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.2

MI01006

25mg	\$75.00
50mg	\$125.00
100mg	\$210.00

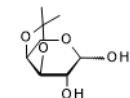


Refs: Maier T, Schmidt RR, Carbohyd. Res, 1992, Sept.; Popsavin V, Benedekovic G, Popsavin M, Divjakovic V, Armbruster T, Carbohyd. Res, 2004, June

**3,4-O-Isopropylidene-L-arabinose**[40031-36-5] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

MI02245

25g	\$66.00
50g	\$125.00
100g	\$300.00

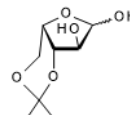


Refs: Morgenlie S, Acta Chem. Scand. 1972, Vol26, No6, p2518-2522

**3,5-O-Isopropylidene-L-arabinose**

MI00040

Price On Application



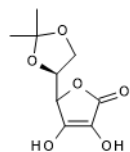
**5,6-O-Isopropylidene-L-ascorbic acid**

• L-Ascorbic acid acetonide

[15042-01-0] C<sub>9</sub>H<sub>12</sub>O<sub>6</sub> 216.19

MI03487

1g	\$57.80
2g	\$84.00
5g	\$131.30

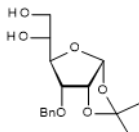


Refs: Gazivoda T, Wittine K, Lovric I, Makuc D, Plavec DJ, Carbohydr. Res, 2006, 20, 341, p433

**1,2-O-Isopropylidene-3-O-benzyl-D-allofuranose**[57099-04-4] C<sub>16</sub>H<sub>22</sub>O<sub>6</sub> 310.34

MI32257

2g	\$50.00
5g	\$95.00
10g	\$170.00

**1,2-O-Isopropylidene-3-O-benzyl-5-deoxy-5-C-(2-pyridyl)-D-xylofuranose**

341.37

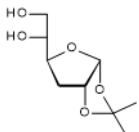
MI05172

Price On Application

**1,2-O-Isopropylidene-3-deoxy-a-D-allofuranose**[4494-96-6] C<sub>9</sub>H<sub>16</sub>O<sub>5</sub> 204.22

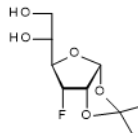
MI34740

50mg	\$85.00
100mg	\$150.00
250mg	\$250.00

**1,2-O-Isopropylidene-3-deoxy-3-fluoro-a-D-allofuranose**C<sub>9</sub>H<sub>15</sub>FO<sub>5</sub> 222.21

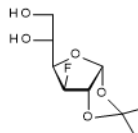
MI10095

Price On Application

**1,2-O-Isopropylidene-3-deoxy-3-fluoro-a-D-glucufuranose**C<sub>9</sub>H<sub>15</sub>FO<sub>5</sub> 222.21

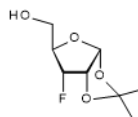
MI10088

Price On Application

**1,2-O-Isopropylidene-3-deoxy-3-fluoro-a-D-ribofuranose**C<sub>8</sub>H<sub>13</sub>FO<sub>4</sub> 192.18

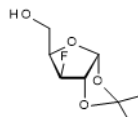
MI10096

Price On Application

**1,2-O-Isopropylidene-3-deoxy-3-fluoro-a-D-xylofuranose**C<sub>8</sub>H<sub>13</sub>FO<sub>4</sub> 192.18

MI10089

Price On Application

**1,2-O-Isopropylidene-a-D-5-deoxyglucuro-6,3-lactone**

see (3aR,3bS,6aR,7aR)-2,2-Dimethyltetrahydrofuro[2',3':4,5]furo[2,3-d][1,3]dioxol-5(3aH)-one, MD45371 on page 127

**1,2-O-Isopropylidene-3-O-[3'-(N,N-dimethylamino)propyl]-a-D-glucufuranose hydrochloride**

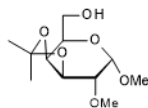
see Amiprilose hydrochloride, MA44344 on page 68

## Isopropylidene

**3,4-O-Isopropylidene-1,2-di-O-methyl- $\alpha$ -D-galactopyranoside**[34698-22-1] C<sub>11</sub>H<sub>20</sub>O<sub>6</sub> 248.28

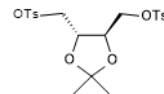
MI09493

50mg	\$105.00
100mg	\$179.00
250mg	\$262.50

**2,3-O-Isopropylidene-1,4-di-O-tosyl-D-threitol**[51064-65-4] C<sub>21</sub>H<sub>26</sub>O<sub>8</sub>S<sub>2</sub> 470.56

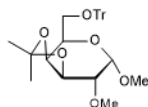
MI34812

1g	\$50.00
2g	\$94.00
5g	\$210.00

**3,4-O-Isopropylidene-1,2-di-O-methyl-6-O-trityl- $\alpha$ -D-galactopyranoside**[69182-49-6] C<sub>30</sub>H<sub>34</sub>O<sub>6</sub> 490.6

MI09494

50mg	\$84.00
100mg	\$147.00
250mg	\$237.50

**2,3-O-Isopropylidene-1,4-di-O-tosyl-L-threitol**[37002-45-2] C<sub>21</sub>H<sub>26</sub>O<sub>8</sub>S<sub>2</sub> 470.56

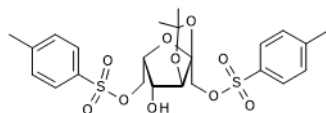
MI138493

1g	\$50.00
2g	\$94.00
5g	\$210.00

**2,3-O-Isopropylidene-1,6-di-O-p-toluenesulfonyl- $\alpha$ -L-sorbofuranose**[2484-55-1] C<sub>23</sub>H<sub>28</sub>O<sub>10</sub>S<sub>2</sub> 528.59

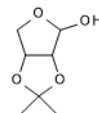
MI04768

500mg	\$105.00
1g	\$189.00
2g	\$367.50

**2,3-O-Isopropylidene-D-erythofuranose**[189996-60-9] C<sub>7</sub>H<sub>12</sub>O<sub>4</sub> 160.17

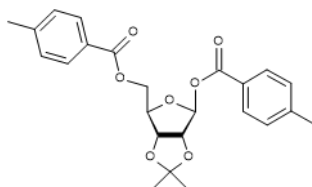
MI10311

500mg	\$210.00
1g	\$367.50
2g	\$672.00

**2,3-O-Isopropylidene-1,5-di-O-toluoyl- $\beta$ -D-ribofuranose**• 1,5-Di-O-toluoyl-2,3-O-isopropylidene- $\beta$ -D-ribofuranose[86042-28-6] C<sub>24</sub>H<sub>26</sub>NO<sub>7</sub> 440.47

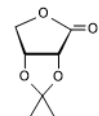
MI02528

Price On Application

**2,3-O-Isopropylidene-D-erythronolactone**[25581-41-3] C<sub>7</sub>H<sub>10</sub>O<sub>4</sub> 158.15

MI04755

1g	\$50.00
2g	\$80.00
5g	\$125.00



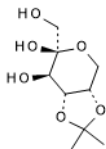
Refs: Cohen H, et al, J. Am. Chem. Soc. 1983, 105, p3661; McCartney JL, Meta CT, Cichillo RM, Bernardina MD, Wagner TR, Norris P, J. Org. Chem. 2003, 68, 10152-10155

**1,2-O-Isopropylidene- $\beta$ -D-fructofuranose 3,4,6-triacetate**see 3,4,6-Tri-O-acetyl-1,2-O-isopropylidene- $\beta$ -D-fructofuranose, MI01169 on page 572

**4,5-O-Isopropylidene-b-D-fructopyranose**[912456-61-2] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MM16799

25mg	\$120.50
50mg	\$218.50
100mg	\$397.00

**3,4-O-Isopropylidene-D-galactal**

[124477-12-9]

MI04200

1g	\$845.00
2g	\$1100.00
5g	\$1950.00

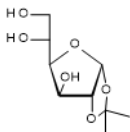
**1,2-O-Isopropylidene-a-D-glucofuranose**

- Acetone-D-glucose
- Monoacetone glucose

[18549-40-1][253328-56-2] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MI01061

50g	\$50.00
100g	\$75.00
250g	\$145.00



Refs: Gramera RE, Park A, Whistler RL, J. Org. Chem. 1963, Vol28, p3230; Borsuk K, Frelek J, ?ysek R, Urba?czyk Z, et al, Chirality 2001, Vol13, Issue 9, p533-540

**1,2-O-Isopropylidene-D-glucofuranose**[18549-40-1] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MI71020

100g	\$70.00
250g	\$140.00
500g	\$235.00

**1,2-O-Isopropylidene-a-D-glucofuranosidurono-6,3-lactone**

see 1,2-O-Isopropylidene-a-D-glucofuranurono-6,3-lactone, MI04759 on page 335

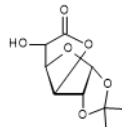
**1,2-O-Isopropylidene-a-D-glucofuranurono-6,3-lactone**

- 1,2-O-Isopropylidene-a-D-glucofuranosidurono-6,3-lactone
- 1,2-O-Isopropylidene-a-D-gluconolactone
- D-Gluconolactone acetonide

[20513-98-8] C<sub>9</sub>H<sub>12</sub>O<sub>6</sub> 216.19

MI04759

5g	\$50.00
10g	\$75.00
25g	\$125.00

**1,2-O-Isopropylidene-a-D-gluconolactone**

see 1,2-O-Isopropylidene-a-D-glucofuranurono-6,3-lactone, MI04759 on page 335

**2,3-O-Isopropylidene-D-glyceraldehyde**

- D-Glyceraldehyde-acetonide

[15186-48-8] C<sub>6</sub>H<sub>10</sub>O<sub>3</sub> 130.14

MI76642

10g	\$70.00
25g	\$125.00
50g	\$180.00

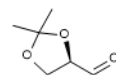
**2,3-O-Isopropylidene-D-glyceraldehyde - 50% solution in DCM**

- 2,2-(R)-Dimethyl-1,3-dioxolane-4-carboxaldehyde

[15186-48-8] C<sub>6</sub>H<sub>10</sub>O<sub>3</sub> 130.14

MI09388

25g	\$95.00
50g	\$175.00
100g	\$300.00

**2,3-O-Isopropylidene-L-glyceraldehyde - 43.2% DCM solution**[22323-80-4] C<sub>6</sub>H<sub>10</sub>O<sub>3</sub> 130.14

MI13896

5g	\$63.00
10g	\$99.80
25g	\$184.00



**Isopropylide****1,2-O-Isopropylidene-glycerol**

• Solketal

[100-79-8] C<sub>8</sub>H<sub>12</sub>O<sub>3</sub> 132.16

MI03369

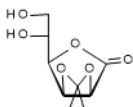
50g \$47.50  
100g \$63.00  
250g \$132.50

Refs: Molinari F, Brenna O, Valenti M, Aragazzini F,

Enzyme and Microbial Technology, 19, 7, p551

**2,3-O-Isopropylidene-L-gulonic acid-1,4-lactone**[94840-08-1] C<sub>9</sub>H<sub>14</sub>O<sub>6</sub> 218.21

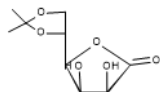
MI08178

50mg \$79.00  
100mg \$132.00  
250mg \$262.50**5,6-O-Isopropylidene-L-gulonic acid-1,4-lactone**

• 5,6-O-Isopropylidene-L-gulono-1,4-lactone

[94697-68-4] C<sub>9</sub>H<sub>14</sub>O<sub>6</sub> 218.2

MI04758

1g \$75.00  
2g \$130.00  
5g \$225.00

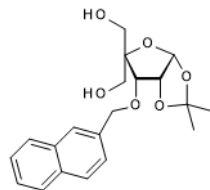
Refs: Vekemans JAJ, et al, Recl. Trav. Chim. 1985 p104; Hubschwerlen, Synthesis, 1986, p962; Yamanaka C, Hashimoto K, J. Polym. Sci. Part A Polym. Chem. 2002, Vol40, Issue 23, p4158 - 4166

**5,6-O-Isopropylidene-L-gulono-1,4-lactone**

see 5,6-O-Isopropylidene-L-gulonic acid-1,4-lactone, MI04758 on page 336

**1,2-O-Isopropylidene-4-hydroxymethyl-3-O-(2-methylnaphthyl)-α-D-ribofuranose**C<sub>20</sub>H<sub>24</sub>O<sub>6</sub> 360.4

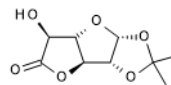
MI30107

1g \$195.00  
2g \$300.00  
5g \$475.00**1,2-O-Isopropylidene-b-L-idofuranosylurono-6,3-lactone**

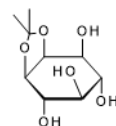
• L-Iduronolactone acetonide

[29514-28-1] C<sub>8</sub>H<sub>12</sub>O<sub>6</sub> 216.19

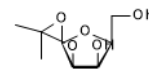
MI09872

50mg \$126.00  
100mg \$210.00  
250mg \$315.00**1,2-Isopropylidene-D,L-myo-inositol**[26276-97-1] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MI04760

100mg \$95.00  
250mg \$200.00  
500mg \$350.00**1,2-O-Isopropylidene-b-L-lyxofuranose**[34370-92-8] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

MI29298

500mg \$115.00  
1g \$210.00  
2g \$367.50**2,3-O-Isopropylidene-D-lyxofuranose**[67814-68-0][93451-15-1] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

MI08227

1g \$125.00  
2g \$220.00  
5g \$425.00**2,3-O-Isopropylidene-D-lyxonic acid-1,4-lactone**[56543-10-3] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 188.18

MI09022

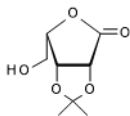
250mg \$105.00  
500mg \$160.00  
1g \$288.80



**2,3-O-Isopropylidene-L-lyxonic acid-1,4-lactone**[152006-17-2] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 188.18

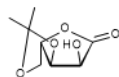
MI04767

500mg	\$95.00
1g	\$175.00
2g	\$300.00

**3,5-O-Isopropylidene-D-lyxonic acid-1,4-lactone**C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 188.18

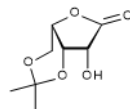
MI09021

Price On Application

**3,5-O-Isopropylidene-L-lyxonic acid-1,4-lactone**C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 188.18

MI09023

Price On Application

**1,2-O-Isopropylidene-D-mannitol**[4306-35-8] C<sub>9</sub>H<sub>18</sub>O<sub>6</sub> 222.24

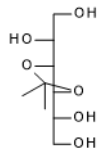
MI05360

250mg	\$80.00
500mg	\$125.00
1g	\$190.00

**3,4-O-Isopropylidene-D-mannitol**[3969-84-4] C<sub>9</sub>H<sub>18</sub>O<sub>6</sub> 222.24

MI05477

2g	\$52.50
5g	\$94.50
10g	\$157.50



Refs: Christiana AE, Byunc H-S, Zhongc N, Wanunuc M, Martib T, Furerb A, Diederichb F, Bittmanc R, Rothblat GH, J. Lipid Res. 1999, Vol40, p1475-1482

**4,6-O-Isopropylidene-D-mannopyranose**

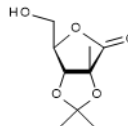
Price On Application

MI46582

**2,3-O-Isopropylidene-2-C-methyl-D-ribofuranose-1,4-lactone**[23709-41-3] C<sub>9</sub>H<sub>14</sub>O<sub>5</sub> 202.2

MI08546

25mg	\$157.50
50mg	\$262.50
100mg	\$420.00

**2,3-O-Isopropylidene-1-O-methyl-D-ribose acid**[54622-95-6] C<sub>9</sub>H<sub>14</sub>O<sub>6</sub> 218.2

MI64896

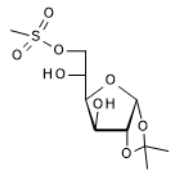
1g	\$74.00
2g	\$116.00
5g	\$240.00



**Isopropylidene****1,2-O-Isopropylidene-6-O-methylsulfonyl-a-D-glucofuranose**[33557-25-4] C<sub>10</sub>H<sub>16</sub>O<sub>8</sub>S 298.31

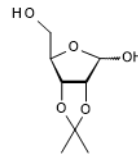
MI06774

500mg	\$95.00
1g	\$168.00
2g	\$262.50

**2,3-O-Isopropylidene-D-ribofuranose**[13199-25-2][4099-88-1] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

MI05290

1g	\$40.00
2g	\$70.00
5g	\$140.00



Refs: Burnett LA, Howie RA, Garden SJ, Rufino H, Wardell JL, J. Chem. Res. 1998, p418-419

**5,6-O-Isopropylidene-phlorigidoside B**

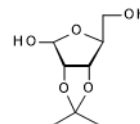
MI44367

Price On Application

**2,3-O-Isopropylidene-L-ribofuranose**[125165-31-3] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

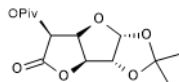
MI02769

50g	\$1050.00
100g	\$1890.00
250g	\$3150.00

**1,2-O-Isopropylidene-5-O-pivaloyl-a-D-glucofuranosiduronic acid-6,3-lactone**[78748-89-7] C<sub>14</sub>H<sub>20</sub>O<sub>7</sub> 300.3

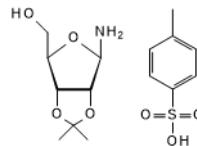
MI09912

100mg	\$105.00
250mg	\$210.00
500mg	\$350.00

**2,3-O-Isopropylidene-b-D-ribofuranosylamine p-toluenesulphonate salt**[29836-10-0] C<sub>8</sub>H<sub>15</sub>NO<sub>4</sub>·C<sub>7</sub>H<sub>6</sub>O<sub>3</sub>S 361.41

MI04753

500mg	\$60.00
1g	\$115.00
2g	\$220.00

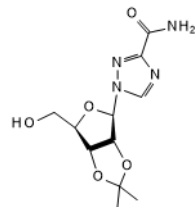
**2',3'-Isopropylidene ribavirin**

• 1-[2,3-O-(1-Methylethylidene)-b-D-ribofuranosyl]-1H-1,2,4-triazole-3-carboxamide

[52663-90-8] C<sub>11</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub> 284.27

MI16766

2mg	\$139.90
5mg	\$254.40
10mg	\$462.50



Refs: Bhagrath, M, et al, Antivir. Chem. Chemother, 2, 265 (1991)

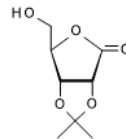
**2,3-O-Isopropylidene-D-ribonic acid-1,4-lactone**

- 2,3-O-Isopropylidene-D-ribonic acid y lactone
- D-Ribonolactone monoacetone

[30725-00-9] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 188.18

MI06657

5g	\$65.00
10g	\$115.00
25g	\$225.00

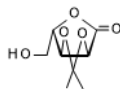


Refs: Shiozaki M, Carbohydr. Res. 2002, Vol337, No21, p2077-2088

**2,3-O-Isopropylidene-L-ribonic acid-1,4-lactone**C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 188.18

MI08226

500mg	\$95.00
1g	\$175.00
2g	\$300.00

**2,3-O-Isopropylidene-L-threitol**[50622-09-8] C<sub>7</sub>H<sub>14</sub>O<sub>4</sub> 162.18

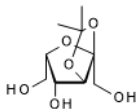
MI28959

Price On Application

**2,3-O-Isopropylidene-D-ribonic acid y lactone**see *2,3-O-Isopropylidene-D-ribonic acid-1,4-lactone*, MI06657 on page 338**2,3-O-Isopropylidene-a-L-sorbofuranose**[17682-71-2] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MI04757

2g	\$106.10
5g	\$215.30
10g	\$367.50



Refs: Svetlaeva MV, Shikhaleva NA, Poteeva LA, Pharm. Chem. J. 1973, Vol7, No2, p118-121

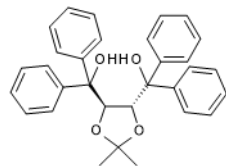
**2,3-O-Isopropylidene-a-L-sorbofuranose 6-p-toluenesulfonate**see *6-O-Tosyl-2,3-O-isopropylidene-a-L-sorbofuranose*, MT16871 on page 561**2,3-O-Isopropylidene-1,1,4,4-tetraphenyl-L-threitol**

- (4R5R)-2,2,-Dimethyl-a,a,a',a'-tetraphenyldioxolane-4,5-dimethanol
- (-)-Taddol
- (-)-trans-a,a-(Dimethyl-1,3-dioxalane-4,5-diy)bis(diphenylmethanol)

[93379-48-7] C<sub>31</sub>H<sub>30</sub>O<sub>4</sub> 466.57

MI11457

1g	\$65.00
2g	\$104.00
5g	\$190.00

**2,3-O-Isopropylidene-D-threitol**see *(-)-2,3-O-Isopropylidene-D-threitol*, MI05357 on page 339**(-)-2,3-O-Isopropylidene-D-threitol**

- 2,3-O-Isopropylidene-D-threitol
- (4R,5R)-(-)-2,2-Dimethyl-1,3-dioxolane-4,5-dimethanol

[73346-74-4] C<sub>7</sub>H<sub>14</sub>O<sub>4</sub> 162.18

MI05357

2g	\$130.00
5g	\$225.00
10g	\$425.00



Refs: Blagg BSJ, Poulter CD, J. Org. Chem. 1999, 64(5), 1508-1511

**(-)-2,3-O-Isopropylidene-L-threitol-1,4-dimethane sulfonate**[4248-74-2] C<sub>9</sub>H<sub>18</sub>O<sub>8</sub>S<sub>2</sub> 318.37

MI158831

5g	\$1475.00
10g	\$2500.00

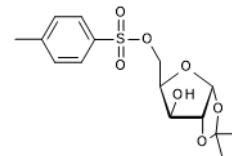
**3,4-O-Isopropylidene-L-threonic acid methyl ester**see *Methyl 3,4-O-isopropylidene-L-threonate*, MM63237 on page 404**1,2-O-Isopropylidene-5-O-p-toluenesulfonyl-a-D-xylofuranose**

- 5-O-p-Toluenesulfonyl-1,2-O-isopropylidene-a-D-xylofuranose

[20513-95-5] C<sub>15</sub>H<sub>20</sub>O<sub>7</sub>S 344.39

MI05955

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00



## Isopropylidene

## 1,2-O-Isopropylidene-5-O-p-toluoyl-a-D-xylofuranose

[75096-60-5]

MI32501

Price On Application



## 1,2-O-Isopropylidene-6-O-tosyl-a-D-glucofuranose

[26275-20-7]

MI76528

500mg	\$650.00
1g	\$845.00
2g	\$1410.00



## 1,2-O-Isopropylidene-3,5,6-tri-O-benzyl-a-D-glucofuranose

MI06934

Price On Application



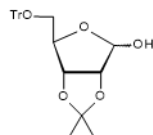
## 2,3-O-Isopropylidene-5-O-trityl-D-ribofuranose

[55726-19-7]

C<sub>27</sub>H<sub>28</sub>O<sub>5</sub> 432.51

MI04096

500mg	\$125.00
1g	\$195.00
2g	\$350.00



Refs: Lopez-Herrera FJ, Pino-Gonzalez MS, Sarabia-Garcia F, Heras-Lopez A, Ortega-Alcantara JJ, Pedraza-Cebrian MG, Tetrahedron Asymmetry 1996, Vol7, No7, p2065-2071

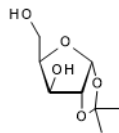
## 1,2-O-Isopropylidene-a-D-xylofuranose

- 1,2-O-(1-Methylethylidene)-a-D-xylofuranose
- MAX

[20031-21-4] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

MI05303

5g	\$60.00
10g	\$95.00
25g	\$175.00



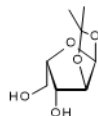
Refs: Matray TJ, Gryaznov SM, Nucleic Acids Res. Vol27, No20, p3976-3985

## 1,2-O-Isopropylidene-a-L-xylofuranose

[114861-22-2] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.2

MI01012

1g	\$89.30
2g	\$157.50
5g	\$262.50

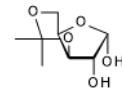


## 3,5-O-Isopropylidene-a-D-xylofuranose

[138343-47-2] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

MI58363

250mg	\$200.00
500mg	\$320.00
1g	\$513.86

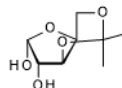


## 3,5-O-Isopropylidene-a-L-xylofuranose

C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

MI58364

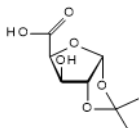
250mg	\$200.00
500mg	\$320.00
1g	\$513.86



## Isorhamnetin

1,2-O-Isopropylidene- $\alpha$ -D-xylofuranuronic acid[35522-89-5] C<sub>8</sub>H<sub>12</sub>O<sub>6</sub> 204.18

MI45370

50mg \$1100.00  
100mg \$1600.001,2-O-Isopropylidene- $\alpha$ -D-xylo-pentodialdo-1,4-furanose dimersee *Bis-(5-aldo-1,2-O-isopropylidene-D-xylo-pentofuranose) 5,5':3',5'-Cyclic acetal*, MB05729 on page 121

## Isopropyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside

MI15065

Price On Application



## Isopropyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucopyranoside

[55692-84-7] C<sub>17</sub>H<sub>26</sub>O<sub>9</sub>S 406.45

MI76696

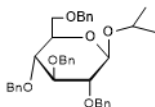
Price On Application



## Isopropyl 2,3,4,6-tetra-O-benzyl-b-D-glucopyranoside

[114967-51-0] C<sub>37</sub>H<sub>42</sub>O<sub>6</sub> 582.73

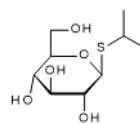
MI05000

1g \$157.50  
2g \$210.00  
5g \$315.00

## Isopropyl-b-D-thioglucopyranoside

[19165-11-8] C<sub>9</sub>H<sub>18</sub>O<sub>5</sub>S 238.3

MI08971

100mg \$65.00  
250mg \$130.00  
500mg \$210.00

## Isopropyl b-D-thioglucuronic acid sodium salt

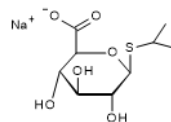
see *Isopropyl b-D-thioglucuronide sodium salt*, MI05103 on page 341

## Isopropyl b-D-thioglucuronide sodium salt

- IPTGcA.Na
- Isopropyl b-D-thioglucuronic acid sodium salt

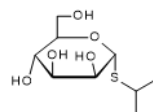
[208589-93-9] C<sub>9</sub>H<sub>15</sub>NaO<sub>6</sub>S 274.27

MI05103

25mg \$50.00  
50mg \$95.00  
100mg \$150.00Isopropyl- $\alpha$ -D-thiomannopyranoside[936550-10-6] C<sub>9</sub>H<sub>18</sub>O<sub>5</sub>S 238.3

MI08972

Price On Application



## Isoquercitrin

see *Quercetin 3-b-D-glucopyranoside*, MQ09326 on page 486

## Isorhamnetin 3-O-galactoside

[6743-92-6]

MI106502

1mg \$85.00  
2mg \$125.00  
5mg \$250.00

**Isorhamnetin****Isorhamnetin 3-glucoside-7-rhamnoside**

• Luteoside

[17331-71-4] C<sub>28</sub>H<sub>32</sub>O<sub>16</sub> 624.54

MI74571

1mg \$95.00  
2mg \$150.00  
5mg \$300.00**Isorhamnetin 3-sophoroside-7-rhamnoside**

[41328-75-0]

MI106503

1mg \$95.00  
2mg \$150.00  
5mg \$300.00**D-Isorhamnose**

see 6-Deoxy-D-glucose, MD04994 on page 175

**a-D-Isosaccharinic acid**

see Isosaccharinic acid, MI08218 on page 342

**Isosaccharinic acid**

• a-D-Isosaccharinic acid

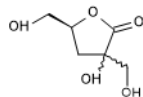
[1518-54-3] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MI08218

Price On Application

**Isosaccharinic acid-1,4-lactone**[7397-89-9] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MI08217

50mg \$70.00  
100mg \$110.00  
250mg \$190.00**Isoshaftoside**[52012-29-0] C<sub>26</sub>H<sub>28</sub>O<sub>14</sub> 564.49

MI33288

2mg \$96.00  
5mg \$130.00  
10mg \$180.00**D-Isosorbide**

see 1,4:3,6-Dianhydro-D-glucitol, MD07153 on page 197

**Isosorbide-2-acetate**

see 1,4:3,6-Dianhydro-2-O-acetyl-D-glucitol, MD09909 on page 196

**Isosorbide dimethyl ether**

see 1,4:3,6-Dianhydro-2,5-di-O-methyl-D-glucitol, MD41783 on page 197

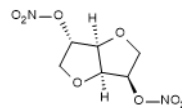
**Isosorbide dinitrate - 60% lactose and 40% Isosorbide dinitrate**

• ISDN

• 1,4:3,6-Dianhydro-2,5-dinitro-D-glucitol

[87-33-2] C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>O<sub>8</sub> 236.14

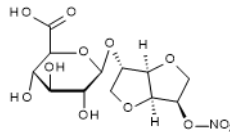
MI09907

10mg \$65.00  
25mg \$100.00  
50mg \$170.50**Isosorbide mononitrate**

see 1,4:3,6-Dianhydro-5-nitro-D-glucitol, MD09906 on page 198

**Isosorbide 5-mononitrate 2-b-D-glucuronide**[32871-20-8] C<sub>12</sub>H<sub>17</sub>NO<sub>12</sub> 367.26

MI09908

1mg \$231.00  
2mg \$420.00  
5mg \$945.00

**Isosorbide 2-nitrate**

see 1,4:3,6-Dianhydro-2-nitro-D-glucitol, MD24729 on page 198

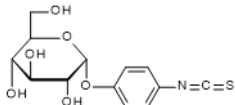
**4-Isothiocyantophenyl-a-D-glucopyranoside**

• a-D-Glucopyranosylphenyl Isothiocyanate

[20581-45-7] C<sub>13</sub>H<sub>15</sub>NO<sub>6</sub>S 313.33

MI04543

5mg	\$89.30
10mg	\$136.50
25mg	\$273.00

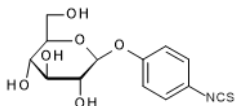


Refs: Monsigny M, et al, Biol. Cell. 1984, 51, p187; Willner I, Rubin S, Cohen Y, J. Am. Chem. Soc. 1993, Vol115, p4937-4938

**4-Isothiocyantophenyl-b-D-glucopyranoside**[20581-41-3] C<sub>13</sub>H<sub>15</sub>NO<sub>6</sub>S 313.33

MI04769

5mg	\$85.00
10mg	\$165.00
25mg	\$315.00

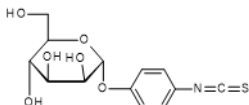


Refs: Monsigny M, et al, Biol. Cell. 1984, 51, p187

**4-Isothiocyantophenyl-a-D-mannopyranoside**[96345-79-8] C<sub>13</sub>H<sub>15</sub>NO<sub>6</sub>S 313.33

MI06654

10mg	\$50.00
25mg	\$100.00
50mg	\$180.00



Refs: Woller EK, Cloniger MJ, Biomacromolecules 2001, 2, p1052; Roy R, Curr. Opin. Struct. Biol. 1996, Vol6, No5, p692-702

**Isovitexin hplc**

- Apigenin-6-C-glucoside
- Homovitexin; Saponaretin

[29702-25-8]

MI65769

10mg	\$50.00
25mg	\$100.00
50mg	\$180.00

**ITPP**

see myo-Inositol trispyrophosphate, MI29830 on page 328

**ITPP hexasodium salt**

see myo-Inositol trispyrophosphate hexasodium salt, MI16762 on page 328

**Ixoroside**

• (1S,4aS,7S,7aS)-1-(b-D-Glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-7-hydroxy-7-methylcyclopenta[c]pyran-4-carboxaldehyde

[58514-30-0] C<sub>16</sub>H<sub>24</sub>O<sub>9</sub> 360.36

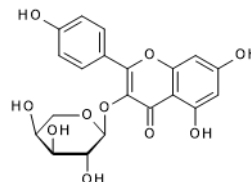
MI153289

Price On Application

**Kaempferol 3-O-a-L-arabinopyranoside**[99882-10-7] C<sub>20</sub>H<sub>18</sub>O<sub>10</sub> 418.35

MK11963

10mg	\$1050.00
25mg	\$1950.00
50mg	\$2925.00

**Kaempferol-3,7-di-O-glucoside**C<sub>27</sub>H<sub>30</sub>O<sub>16</sub> 610.52

MK71572

0.5mg	\$350.00
1mg	\$450.00

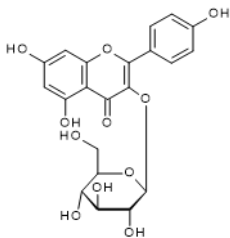


**Kaempferolgl****Kaempferol 3-b-glucopyranoside**

- Astragaline
- 3,4',5,7-Tetrahydroxyflavone-3-glucoside

[480-10-4] C<sub>21</sub>H<sub>20</sub>O<sub>11</sub> 448.38

MK10036	1mg	\$40.00
	2mg	\$60.00
	5mg	\$100.00

**Kaempferol-4'-glucoside**

[52222-74-9]

MK106507	1mg	\$95.00
	2mg	\$150.00
	5mg	\$325.00

**Kaempferol 3-O-b-D-glucuronide**

- 5,7-Dihydroxy-2-(4-hydroxyphenyl)-4-oxo-4H-1-benzopyran-3-yl-beta-D-glucopyranosiduronic acid

[22688-78-4] C<sub>21</sub>H<sub>18</sub>O<sub>12</sub> 462.36

MK08974	1mg	\$150.00
	2mg	\$250.00
	5mg	\$475.00

**Kanosamine hydrochloride**

see 3-Amino-3-deoxy-D-glucose HCl, MA05156 on page 60

**KDN**

see 3-Deoxy-D-glycero-D-galacto-2-nonulosonic acid, MD04703 on page 176

**Kdn2en**

see 2,6-Anhydro-3-deoxy-D-glycero-D-galacto-non-2-enoic-acid, MA04590 on page 72

**KDO**

see 3-Deoxy-D-manno-2-octulosonic acid ammonium salt, MD04654 on page 179

**KDO**

see 3-Deoxy-D-manno-oct-2-ulosonic acid, MD04048 on page 179

**2-Keto-3-deoxyglucose**

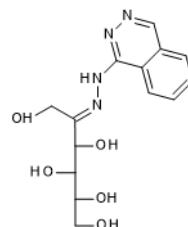
see 3-Deoxy-D-glucosone, MD06669 on page 176

**2-Keto-3-deoxy-D-glycero-D-galactononic Acid**

see 3-Deoxy-D-glycero-D-galacto-2-nonulosonic acid, MD04703 on page 176

**Keto-D-fructose phthalazin-1-ylhydrazone**[1082040-10-5] C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>5</sub> 322.32

MK07237	2mg	\$89.30
	5mg	\$168.00
	10mg	\$262.50



Refs: Jaques R, et.al, Helv. Physiol. Pharmacol. Acta, 1965, 23, p54

**2-Keto-D-galactonic acid**

[16722-49-9]

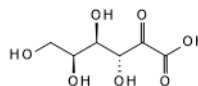
MK04465

Price On Application

**2-Keto-L-galactonic acid**[91548-32-2] C<sub>6</sub>H<sub>10</sub>O<sub>7</sub> 194.14

MK00738

Price On Application



K



**5-Keto-L-galactonic acid**see *D-Arabino-5-hexulosonic acid*, MA146089 on page 81**2-Keto-D-gluconic acid**

- 2-Oxogluconic acid
- D-Arabino-2-hexulosonic acid

[669-90-9] C<sub>6</sub>H<sub>10</sub>O<sub>7</sub> 194.14

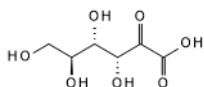
MK01576

100mg	\$60.00
250mg	\$95.00
500mg	\$175.00

**2-Keto-L-gluconic acid**[29123-55-5] C<sub>6</sub>H<sub>10</sub>O<sub>7</sub> 194.14

MK00741

Price On Application

**5-Keto-D-gluconic acid**

- D-Xylo-5-Hexulosonic acid
- 5-Oxo-5-deoxy-D-gluconic acid

[5287-64-9] C<sub>6</sub>H<sub>10</sub>O<sub>7</sub> 194.14

MK14117

100mg	\$60.00
250mg	\$95.00
500mg	\$175.00

**5-Keto-D-gluconic acid hemicalcium salt**[3470-36-8] C<sub>6</sub>H<sub>9</sub>O<sub>7</sub>·1/2Ca 213.17

MK29837

250mg	\$60.00
500mg	\$95.00
1g	\$150.00

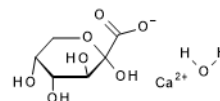
**2-Keto-D-gluconic acid hemicalcium salt monohydrate**

- D-Arabino-2-hexulopyranosonic acid hemicalcium salt
- Calcium 2-keto-D-gluconate

[3470-37-9][1040352-40-6] C<sub>6</sub>H<sub>9</sub>O<sub>7</sub>·1/2Ca·H<sub>2</sub>O 231.19

MK03802

5g	\$90.00
10g	\$157.50
25g	\$250.00



Refs: Eriksson K-E, Pettersson B, Volc J, Musilek V, Appl. Microbiol. Biotechnol. 1986, Vol23, No3-4, 257-262

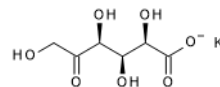
**5-Keto-D-gluconic acid potassium salt**

- D-Xylo-5-hexulosonic acid potassium salt

[5447-60-9][91446-96-7] C<sub>6</sub>H<sub>9</sub>KO<sub>7</sub> 232.23

MK00321

1g	\$60.00
2g	\$90.00
5g	\$160.00



Refs: Perman D, J. Biol. Chem. 1955, p353-356

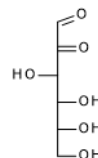
**2-Keto-D-glucose**

- D-Glucosone

[1854-25-7] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MK06728

25mg	\$80.00
50mg	\$125.00
100mg	\$200.00

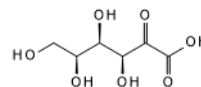


Refs: Huwig A, Danneel J, J. Biotechnol. 1994, Vol32, No3, p309-315

**2-Keto-L-gulonic acid**[342385-52-8][526-98-7] C<sub>6</sub>H<sub>10</sub>O<sub>7</sub> 194.14

MK05356

1kg	\$52.50
2kg	\$77.70
5kg	\$155.50



**Ketomannose****5-Ketomannose**

• D-lyxo-Hexos-5-ulose

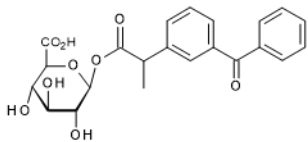
[80451-84-9] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MK157791

Price On Application

**Ketoprofen acyl-b-D-glucuronide**• 1-(3-Benzoyloxy-a-methylbenzeneacetate)-b-D-glucopyranuronic acid  
• Ketoprofen Glucuronide[76690-94-3] C<sub>22</sub>H<sub>22</sub>O<sub>9</sub> 430.4

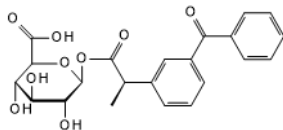
MK07236

1mg \$315.00  
2mg \$609.00  
5mg \$1155.00

Refs: Skordi E, et.al, Xenobiotica, 2004, 34, p1075

**Ketoprofen Glucuronide**see *Ketoprofen acyl-b-D-glucuronide*, MK07236 on page 346**(R)-Ketoprofen b-D-glucuronide**[140148-25-0] C<sub>22</sub>H<sub>22</sub>O<sub>9</sub> 430.4

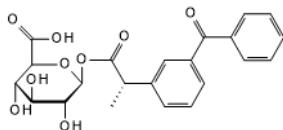
MK16769

1mg \$363.40  
2mg \$660.70  
5mg \$1201.20

Refs: Smith, P, et al, Drug Metab. Dispos, 1990, 18, 639 (1990); Skordi, E, et al, Xenobiotica, 34, 1075 (2004)

**(S)-Ketoprofen b-D-glucuronide**[140148-26-1] C<sub>22</sub>H<sub>22</sub>O<sub>9</sub> 430.4

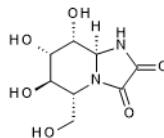
MK16770

1mg \$318.00  
2mg \$578.10  
5mg \$1051.10

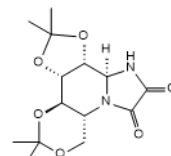
Refs: Smith, P, et al, Drug Metab. Dispos, 1990, 18, 639 (1990); Skordi, E, et al, Xenobiotica, 34, 1075 (2004)

**Kifunensine**[109944-15-2] C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 232.19

MK10316

1mg \$50.00  
2mg \$80.00  
5mg \$125.00**Kifunensine diacetone**[134234-43-8] C<sub>14</sub>H<sub>20</sub>N<sub>2</sub>O<sub>6</sub> 312.32

MK24809

5mg \$124.90  
10mg \$227.20  
25mg \$413.00

Refs: Kayakiri, H, et al, Chem. Pharm. Bull, 39, 1378 (1991)

**KRN7000**see *α-Galactosylceramide*, MG15978 on page 277**Kuromanin chloride**see *Cyanidin-3-O-glucoside chloride*, MC09473 on page 153**LABNAc**see *2-Acetamido-1,4-imino-1,2,4-trideoxy-L-arabinitol*, MA16570 on page 18**Lactonamycin**[182234-02-2] C<sub>28</sub>H<sub>27</sub>NO<sub>12</sub> 569.51

ML71871

Price On Application



## Laninamivir

- 5-(Acetylamino)-4-[(aminoiminomethyl)amino]-2,6-anhydro-3,4,5-trideoxy-7-O-methyl-D-glycero-D-galacto-non-2-enonic acid
- R 125489
- (4S,5R,6R)-5-Acetamido-4-guanidino-6-[(1R,2R)-2,3-dihydroxy-1-methoxypropyl]-5,6-dihydro-4H-pyran-2-carboxylic acid

[203120-17-6] C<sub>13</sub>H<sub>22</sub>N<sub>4</sub>O<sub>7</sub> 346.34

ML58733

1mg	\$650.00
2mg	\$1100.00
5mg	\$1875.00



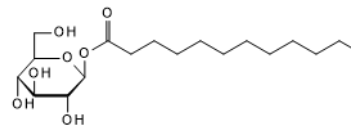
## 1-O-Lauroyl-D-glucopyranose

- 1-Dodecanoyl-b-D-glucopyranose

[64395-92-2] C<sub>18</sub>H<sub>34</sub>O<sub>7</sub> 362.46

ML05169

Price On Application



## Lauryl glucoside

[110615-47-9]

ML138961

Price On Application

## Laninamivir octanoate

- 5-(Acetylamino)-4-[(aminoiminomethyl)amino]-2,6-anhydro-3,4,5-trideoxy-7-O-methyl-D-glycero-D-galacto-non-2-enonic acid 9-octanoate
- (2R,3R,4S)-3-Acetamido-4-guanidino-2-[(1R,2R)-2-hydroxy-1-methoxy-3-(octanoyloxy)propyl]-3,4-dihydro-2H-pyran-6-carboxylic acid
- (4S,5R,6R)-5-Acetamido-4-guanidino-6-[(1R,2R)-2-hydroxy-1-methoxy-3-(octanoyloxy)propyl]-5,6-dihydro-4H-pyran-2-carboxylic acid

[203120-46-1] C<sub>21</sub>H<sub>36</sub>N<sub>4</sub>O<sub>8</sub> 472.53

ML58734

1mg	\$1200.00
2mg	\$1900.00
5mg	\$3625.00



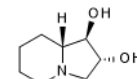
## (-)-Lentiginosine

- (1R,2R,8aR)-Octahydro-1,2-indolizinediol

[125279-72-3] C<sub>8</sub>H<sub>15</sub>NO<sub>2</sub> 157.21

ML24866

1mg	\$320.00
2mg	\$460.00
5mg	\$860.00



Refs: Pastuszak, I, et al, Biochemistry, 29, 1881 (1990); Chandra, K, et al, J. Org. Chem, 67, 4630 (2002)



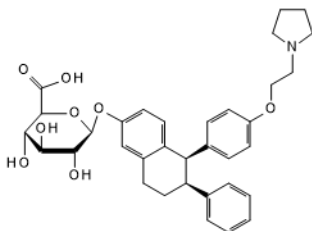
## Lasofloxifene b-D-glucuronide

- (5R,6S)-5,6,7,8-Tetrahydro-6-phenyl-5-[4-[(2-(1-pyrrolidinyl)ethoxy)phenyl]-2-naphthalen b-D-glucopyranosiduronic acid

[1048953-95-2] C<sub>24</sub>H<sub>39</sub>NO<sub>8</sub> 589.68

ML16772

1mg	\$511.00
2mg	\$929.10
5mg	\$1689.20



Refs: Monks, T, et al, Toxicol. Appl. Pharmacol, 112, 2 (1992); Luisetto, G, et al, Bone Miner, 22, 9 (1993)



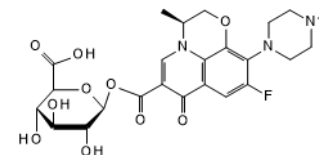
## Levofloxacin acyl-b-D-glucuronide

- 1-[(3S)-9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylate]-b-D-glucopyranuronic acid
- Levofloxacin glucuronide

[160962-46-9] C<sub>24</sub>H<sub>28</sub>FN<sub>3</sub>O<sub>10</sub> 537.49

ML16773

1mg	\$225.00
2mg	\$420.00
5mg	\$975.00



Refs: Baillie, T, et al, Chem. Res. Toxicol, 19, 889 (2006); Baba, A, et al, Chem. Res. Toxicol, 22, 158 (2009); Usui, T, et al, Drug Metab. Dispos, 37, 2383 (2009)



## Levofloxacin glucuronide

see Levofloxacin acyl-b-D-glucuronide, ML16773 on page 347

**Levoglucozan****Levoglucozan**

• 1,6-Anhydro-b-D-glucopyranose

[498-07-7] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

ML06636

25g	\$65.00
50g	\$125.00
100g	\$245.00



Refs: Fraser-Reid B, et al, J. Am. Chem. Soc. 1984, 106, p731; Edwards MP, et al, J. Org. Chem. 1984, 49, p3503; Kelly AG, Roberts JS, J. Chem. Soc. Comm. 1980, p228; Ogawa T, Carbohydr. Res. 1977, 57, pC31; Isobe M, et al, Tetrahedron Lett. 1987, 28, p6485

**Levoglucozan triacetate**

see 2,3,4-Tri-O-acetyl-1,6-anhydro-b-D-glucopyranose, MT06721 on page 563

**Levoinositol**

see 1L-chiro-Inositol, M107484 on page 140

**Ligulin**

see Malvidin 3-glucoside, MM44899 on page 354

**Ligustrin**

see Syringin, MS10479 on page 510

**Likviritin**

see Liquiritin, ML08128 on page 348

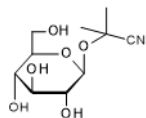
**Linamarin**

- 2-(b-D-Glucopyranosyloxy)-2-methyl-propanenitrile
- Phaseolunatin
- a-Hydroxyisobutyronitrile b-D-glucose

[554-35-8] C<sub>10</sub>H<sub>17</sub>NO<sub>6</sub> 247.25

ML04551

10mg	\$55.00
25mg	\$95.00
50mg	\$180.00

**Lincosamine**

• 6-Amino-6,8-dideoxy-D-erythro-D-galacto-octopyranose

[13006-69-4] C<sub>8</sub>H<sub>17</sub>NO<sub>6</sub> 223.22

ML46480

Price On Application

**Liothyronine-acyl-D-glucuronide**C<sub>21</sub>H<sub>20</sub>I<sub>3</sub>NO<sub>10</sub> 827.1

ML34962

Price On Application

**Lipid X**

- a-D-Glucopyranose, 2-deoxy-2-[(3-hydroxy-1-oxotetradecyl)amino]-, 1-(dihydrogen phosphate) 3-(3-hydroxytetradecanoate), [2(R),3(R)]-

[86559-73-1] C<sub>34</sub>H<sub>66</sub>NO<sub>12</sub>P 711.86

ML76134

1mg	\$65.00
2mg	\$100.00
5mg	\$200.00

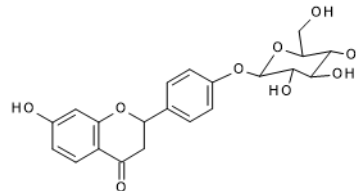
**Liquiritin**

- 4',7'-Dihydroxyflavanone-4'-(b-D-glucopyranoside)
- Likviritin
- Liquiritoside

[551-15-5] C<sub>21</sub>H<sub>22</sub>O<sub>9</sub> 418.39

ML08128

10mg	\$55.00
25mg	\$110.00
50mg	\$175.00



Refs: Nippon Kagaku Kaishi, 1946, 67, p119

**Liquiritoside**

see Liquiritin, ML08128 on page 348

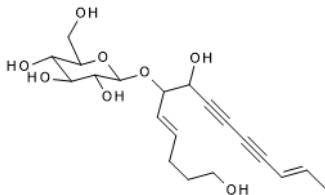
**Lithium D-gluconate**see *D-Gluconic acid lithium salt*, MG44410 on page 287**Lobetyolin**

• (7E)-2-Hydroxy-1-[(1E)-5-hydroxy-1-penten-1-yl]-7-nonene-3,5-diyne-1-yl β-D-glucopyranoside

[136085-37-5] C<sub>20</sub>H<sub>28</sub>O<sub>8</sub> 396.43

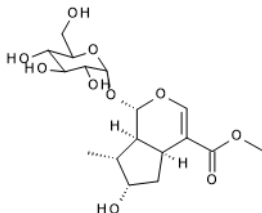
ML11577

2mg	\$60.00
5mg	\$115.00
10mg	\$190.00

Refs: *Phytochemistry*, 1991, 30, p2255**Loganin**• 7-Hydroxy-6-desoxyverbenalin  
• Loganoside[18524-94-2] C<sub>17</sub>H<sub>26</sub>O<sub>10</sub> 390.39

ML11578

10mg	\$80.00
25mg	\$175.00
50mg	\$280.00

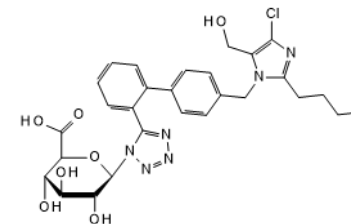
Refs: Shethet AL, *Tetrahedron Lett*, 1961, p394**Loganoside**see *Loganin*, ML11578 on page 349**LogNAc**see *2-Acetamido-2-deoxy-D-gluconhydroximo-1,5-lactone*, MA06696 on page 13**LogNAc tetraacetate**see *2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-D-gluconhydroximo-1,5-lactone*, MA06695 on page 20**Losartan N1-glucuronide**

• 1-[5-[4'-[[2-Butyl-4-chloro-5-(hydroxymethyl)-1H-imidazol-1-yl]methyl][1,1'-biphenyl]-2-yl]-1H-tetrazol-1-yl]-1-deoxy-β-D-glucopyranuronic acid

[138584-34-6] C<sub>28</sub>H<sub>31</sub>ClN<sub>6</sub>O<sub>7</sub> 599.03

ML16776

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10

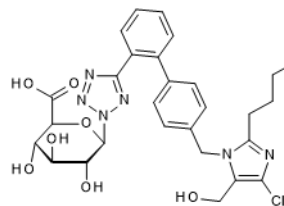


Refs: Stearns, R.A.

**Losartan N2-glucuronide**[138584-35-7] C<sub>28</sub>H<sub>31</sub>ClN<sub>6</sub>O<sub>7</sub> 599.03

ML09886

1mg	\$325.00
2mg	\$556.50
5mg	\$1155.00

**Losartan N2-glucuronide**C<sub>28</sub>H<sub>31</sub>ClN<sub>6</sub>O<sub>7</sub> 599.03

ML29581

Price On Application

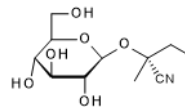
**Lotaustralin**

• 2-(β-D-Glucopyranosyloxy)-2-methylbutyronitrile

[534-67-8] C<sub>11</sub>H<sub>19</sub>NO<sub>6</sub> 261.27

ML10456

Price On Application



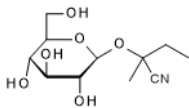
**Lotaustralin****rac-Lotaustralin**

• 2-(b-D-Glucopyranosyloxy)-2-methylbutyronitrile

C<sub>11</sub>H<sub>19</sub>NO<sub>6</sub> 261.27

ML36343

1mg	\$120.00
2mg	\$210.00
5mg	\$500.00

**Lumefantrine b-D-Glucuronide**

• (9Z)-2,7-Dichloro-9-[(4-chlorophenyl)methylene]-a-[(dibutylamino)methyl]-9H-fluorene-4-methanol b-D-Glucopyranosiduronic Acid;

C<sub>36</sub>H<sub>40</sub>Cl<sub>3</sub>NO<sub>7</sub> 705.06

ML46510

Price On Application

**Lumefantrine glucuronide - (mixture of diastomers)**C<sub>36</sub>H<sub>40</sub>Cl<sub>3</sub>NO<sub>7</sub> 705.06

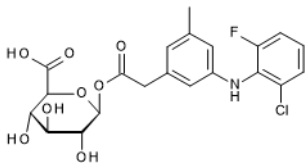
ML46511

5mg	\$950.00
10mg	\$1350.00

**Lumiracoxib acyl-b-D-glucuronide**[697287-17-5] C<sub>21</sub>H<sub>21</sub>ClFNO<sub>8</sub> 469.84

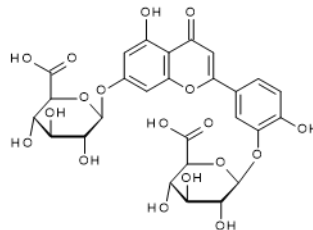
ML10284

1mg	\$220.50
2mg	\$420.00
5mg	\$892.50

**Luteolin 7,3'-di-O-glucuronide**[53965-08-5] C<sub>27</sub>H<sub>26</sub>O<sub>18</sub> 638.48

ML10285

1mg	\$157.50
5mg	\$525.00
10mg	\$840.00

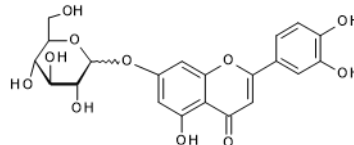
**Luteolin-7-O-D-glucopyranoside**

- 2-(3,4-Dihydroxyphenyl)-5-hydroxy-4-oxo-4H-chromen-7-yl-D-glucopyranoside
- Cynaroside
- Luteoloside

[5373-11-5] C<sub>21</sub>H<sub>20</sub>O<sub>11</sub> 448.38

ML08112

2mg	\$50.00
5mg	\$75.00
10mg	\$100.00



Refs: Compt. Rend, 1943, 216, p505

**Luteolin 8-C-b-D-glucopyranoside**see *Orientin*, MO08113 on page 447**Luteolin-6-C-glucoside**

• Homoorientine

[4261-42-1] C<sub>21</sub>H<sub>20</sub>O<sub>11</sub> 448.38

ML65431

1mg	\$95.00
2mg	\$150.00
5mg	\$225.00

**Luteoloside**see *Luteolin-7-O-D-glucopyranoside*, ML08112 on page 350**Luteoside**see *Isorhamnetin 3-glucoside-7-rhamnoside*, MI74571 on page 342

L

**Lutexin**see *Orientin*, *MO08113* on page 447**(+)-Lyonirosinol-3a-O-(6"-3,5-dimethoxy-4-hydroxybenzoyl)-b-D-glucopyranoside**

ML74564

Price On Application

**(+)-Lyonirosinol-3a-O-(6"-3-methoxy-4-hydroxybenzoyl)-b-D-glucopyranoside**

ML74567

Price On Application

**D-lyxo-Hex-5-enonic acid, 2,6-anhydro-5-deoxy-, methyl ester, 3,4-diacetate**see *Methyl 3,4-di-O-acetyl-D-glucuronal*, *MM04027* on page 390**D-lyxo-Hexos-5-ulose**see *5-Ketomannose*, *MK157791* on page 346**D-Lyxo-5-hexulosonic acid**

- D-Fructuronic acid
- D-Fructuronate
- Fructuronic acid

[13425-76-8]  $C_8H_{10}O_7$  194.14

ML145993

Price On Application

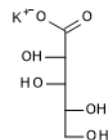
**D-Lyxonic acid potassium salt**

- 2,3,4,5-Tetrahydroxy-pentanoic acid, potassium salt

[78138-87-1]  $C_5H_9KO_6$  204.22

ML07238

500mg	\$60.00
1g	\$110.00
2g	\$200.00

**L-Lyxonic acid potassium salt** $C_5H_9KO_6$  204.22

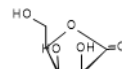
ML71882

1g	\$78.00
2g	\$150.00
5g	\$275.00

**D-Lyxono-1,4-lactone**[15384-34-6]  $C_5H_8O_5$  148.11

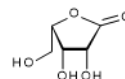
ML05267

1g	\$85.00
2g	\$150.00
5g	\$285.00

Refs: Petasis NA, et al, *Tetrahydon Asymmetry* 1994, Vol5, No12, p2535-2562**L-Lyxono-1,4-lactone**[104196-15-8]  $C_5H_8O_5$  148.11

ML11467

250mg	\$65.00
500mg	\$105.00
1g	\$160.00



**Lyxosamine****L-Lyxosamine**

• 2-Amino-2-deoxy-L-lyxose

C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub> 149.15

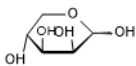
ML16154

500mg	\$1185.00
1g	\$1890.00
2g	\$3150.00

**D-Lyxose**[1114-34-7] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

ML05817

10g	\$55.00
25g	\$95.00
50g	\$175.00

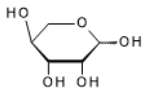


Refs: Isumori, et al, J. Biosci. Bioeng. 1999, Vol88, No6, p676-678

**L-Lyxose**[1949-78-6] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

ML00205

1g	\$50.00
2g	\$90.00
5g	\$160.00

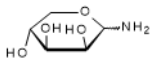


Refs: Ahmed Z, Sasahara H, Bhuiyan S, Saiki T, Shimonishi T, Takada G, Izumori K, J. Biosci. Bioeng. 1999, 88, 676-678; Beil. 1, IV, 4230

**D-Lyxosylamine**[39840-37-4] C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub> 149.1

ML04961

25mg	\$50.00
500mg	\$90.00
1g	\$150.00



Refs: Kajimura A, Sumaoka J, Komiyama M, Carbohydr. Res, 1998, 309, 4, p345

**Magnesium a-glucoheptonate**see *a-D-Glucoheptonic acid magnesium salt*, MG05407 on page 286**Magnesium gluconate hydrate**see *D-Gluconic acid magnesium (II) hydrate*, MG07605 on page 287**Magnesium L-lactate**

MM14249

Price On Application

**Magnesol**

[473596-26-8]

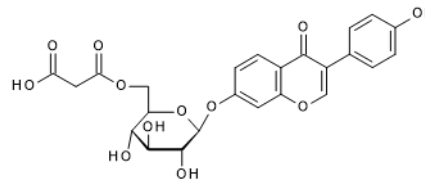
MM16055

Price On Application

**MAGP**see *1,2:3,4-Di-O-isopropylidene-6-O-methacryloyl-a-D-galactopyranose*, MD64795 on page 223**Malonyldaidzin**see *6-O-Malonyldaidzin free acid*, MM09965 on page 352**6-O-Malonyldaidzin free acid**• Daidzin 6-O-malonate  
• Malonyldaidzin[124590-31-4] C<sub>24</sub>H<sub>22</sub>O<sub>12</sub> 502.42

MM09965

1mg	\$250.00
2mg	\$390.00
5mg	\$675.00

**Malonylgenistin**see *6-O-Malonylgenistin, free acid*, MM09963 on page 353



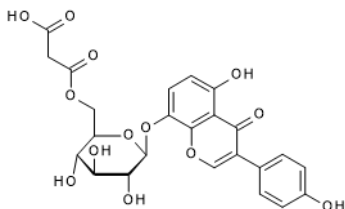
**6-O-Malonylgenistin, free acid**

- Malonylgenistin
- Genistin 6-O-malonate

[51011-05-3] C<sub>24</sub>H<sub>22</sub>O<sub>13</sub> 518.42

MM09963

1mg	\$95.00
2mg	\$170.00
5mg	\$340.00

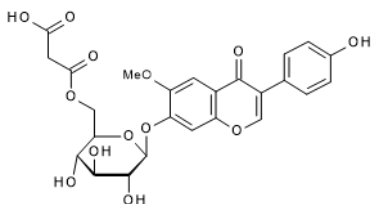
**6-O-Malonylglycitin**

- Glycitin 6-O-malonate

[137705-39-6] C<sub>25</sub>H<sub>24</sub>O<sub>13</sub> 532.45

MM09964

5mg	\$2000.00
10mg	\$2600.00
25mg	\$6125.00

**Maltooligosaccharides**

MM01716

Price On Application

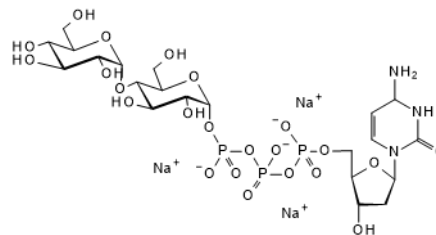
**Maltopyranosyl-CTP**

- 2-Deoxycytidine 5'-triphosphate-a-D-maltopyranoside sodium salt

C<sub>21</sub>H<sub>32</sub>N<sub>2</sub>Na<sub>3</sub>O<sub>24</sub>P<sub>3</sub> 858.37

MM63073

Price On Application

**α-D-(+)-Maltose 1-phosphate dipotassium salt**[104808-98-2] C<sub>12</sub>H<sub>21</sub>O<sub>14</sub>PK<sub>2</sub> 498.46

MM45355

Price On Application

**Maltosyl-ascorbic acid**

MM03564

Price On Application

**b-Maltosyl azide**

- 4-O-a-D-Glucopyranosyl-b-D-glucopyranosyl azide

[51970-30-0] C<sub>12</sub>H<sub>21</sub>N<sub>3</sub>O<sub>10</sub> 367.3

MM05282

Price On Application

**Malvidin chloride 3,5-diglucoside**see *Malvidin 3,5-diglucoside*, MM44900 on page 354

**Malvidindigl****Malvidin 3,5-diglucoside**

- Malvoside
- Malvidin chloride 3,5-diglucoside

[16727-30-3] C<sub>29</sub>H<sub>35</sub>O<sub>17</sub>Cl 691.03

MM44900

1mg	\$55.00
2mg	\$90.00
5mg	\$150.00

**Malvidin-3-galactoside chloride**

- Primulin

[30113-37-2]

MM65371

1mg	\$250.00
2mg	\$375.00
5mg	\$650.00

**Malvidin 3-glucoside**

- Oenin
- Ligulin
- Enoside

[7228-78-6] C<sub>23</sub>H<sub>25</sub>O<sub>12</sub>Cl 528.89

MM44899

1mg	\$75.00
2mg	\$110.00
5mg	\$200.00

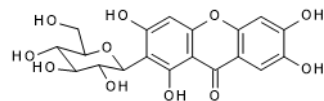
**Malvoside**see *Malvidin 3,5-diglucoside*, MM44900 on page 354**Manganese gluconate**see *D-Gluconic acid manganese salt*, MG10458 on page 287**Mangiferin - 90%**

- 2-b-D-Glucopyranosyl-1,3,6,7-tetrahydroxy-9H-Xanthen-9-one
- 1,3,6,7-Tetrahydroxyxanthone-C2-b-D-glucoside
- Alpizarine

[4773-96-0] C<sub>19</sub>H<sub>18</sub>O<sub>11</sub> 422.34

MT08923

500mg	\$60.00
1g	\$100.00
5g	\$250.00



Refs: Nippon Hakaku Zasshi, 1956, 77, p1629

**L-Mannac**see *2-Acetamido-2-deoxy-L-mannopyranose*, MA06206 on page 16**ManNAz**see *N-Azidoacetylmannosamine*, MA46002 on page 88**ManNAz tetraacetate**see *1,3,4,6-Tetra-O-acetyl-N-azidoacetylmannosamine*, MA46004 on page 515**Mannide monooleate**

- Arlacet A

[9049-98-3][25339-93-9] C<sub>24</sub>H<sub>44</sub>O<sub>6</sub> 428.6

MM30170

10g	\$65.00
25g	\$120.00
50g	\$225.00

**Mannoside A**

- (3b,25R)-19-Hydroxyspirost-5-en-3-ylβ-D-(6-deoxy-α-L-mannopyranosyl)-β-D-glucopyranoside

[1038922-95-0]

MM15822

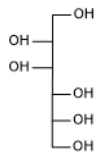
Price On Application



**D-Mannitol**[69-65-8] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

MM02190

2kg	\$60.00
5kg	\$110.00
10kg	\$190.00



Refs: Soetaert W, PhD thesis 1991, University of Ghent, Belgium

**D-Mannitol - EP**[69-65-8] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

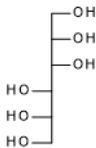
MM63310

1Kg	\$150.00
2Kg	\$250.00
5Kg	\$475.00

**L-Mannitol**[643-01-6] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 181.6

MM06723

200mg	\$44.00
500mg	\$85.00
1g	\$150.00



Refs: Beil. 1, IV, 2843

**D-Mannitol 1-phosphate lithium salt**[15806-48-1] C<sub>6</sub>H<sub>15</sub>O<sub>9</sub>P·xLi 262.15 (free acid basis)

MM63083

1mg	\$115.00
2mg	\$190.00
5mg	\$350.00

**Manno-1-deoxynojirimycin hydrochloride**

see 1-Deoxymannojirimycin HCl, MD05149 on page 309

**α-L-Mannoheptose**

see L-Glycero-L-galacto-heptose, MM00723 on page 179

**D-Mannoheptose**

see D-Glycero-D-galacto-heptose, MG09253 on page 303

**D-Manno-2-heptulose**

see D-Mannoheptulose, MM05228 on page 355

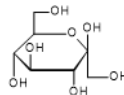
**D-Mannoheptulose**

• D-Manno-2-heptulose

[3615-44-9][654-29-5] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.18

MM05228

25mg	\$65.00
50mg	\$110.00
100mg	\$195.00



Refs: Rasschaert J, Kadiata MM, Malaisse WJ, Mol. Cell. Biochem. 2001, Oct, 226(1-2), 77-81; Ramirez R, Rasschaert J, Laghmich A, Louchami K, Nadi AB, Jijakli H, Kadiata MM, Sener A, Malaisse WJ, Int. J. Mol. Med. 2001, Jun, 7(6), 631-8

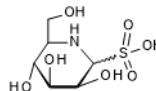
**D-Mannojirimycin hydrogensulfite**

• 5-Amino-5-deoxy-D-mannopyranose hydrogensulfite

C<sub>6</sub>H<sub>13</sub>NO<sub>7</sub>S 243.24

MM07239

1mg	\$89.30
2mg	\$168.00
5mg	\$262.50



Refs: Hudlicky T, et.al, J. Am. Chem. Soc, 1994, 116, p5099

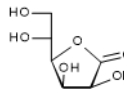
**D-Mannonic acid-1,4-lactone**

• D-Mannono-1,4-lactone

[26301-79-1] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MM02634

1g	\$55.00
2g	\$95.00
5g	\$175.00



Refs: Smith MD, Fleet GWJ, J. Peptide Sci. 1999, Vol5, Issue 10, p425-441

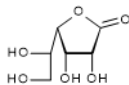
**Mannonicacid****L-Mannonic acid-1,4-lactone**

• L-Mannono-1,4-lactone

[22430-23-5] C<sub>8</sub>H<sub>10</sub>O<sub>6</sub> 178.14

MM04215

1g	\$90.00
2g	\$170.00
5g	\$390.00

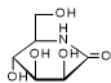


Refs: Upson FW, Sands L, Whitnah CH, J. Am. Chem. Soc. 1928, p519

**D-Mannono-D-lactam**[62362-63-4] C<sub>6</sub>H<sub>11</sub>NO<sub>5</sub> 177.16

MM04764

2mg	\$89.30
5mg	\$168.00
10mg	\$315.00

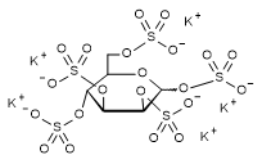


Refs: Niwa T, Tsuruoka T, et al, J. Antibiot. 1984, 37, p1579

**D-Mannono-1,4-lactone**see *D-Mannonic acid-1,4-lactone*, MM02634 on page 355**L-Mannono-1,4-lactone**see *L-Mannonic acid-1,4-lactone*, MM04215 on page 356**D-Mannopyranose**see *D-Mannose*, MM06704 on page 357**L-Mannopyranose**see *L-Mannose*, MM00200 on page 358**D-Mannopyranose pentasulfate potassium salt**[111757-61-0] C<sub>6</sub>H<sub>7</sub>K<sub>5</sub>O<sub>21</sub>S<sub>5</sub> 770.93

MM04765

10mg	\$110.30
25mg	\$184.00
50mg	\$315.00

**b-D-Mannopyranose 1,3,4,6-tetra-O-acetate**see *1,3,4,6-Tetra-O-acetyl-b-D-mannopyranose*, MT02170 on page 534**a-D-Mannopyranosyl amine**

[95343-86-5]

Price On Application

MM31647

**a-D-Mannopyranosyl azide**[51970-29-7] C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>O<sub>5</sub> 205.17

MM04372

2mg	\$50.00
5mg	\$70.00
10mg	\$100.00

**a-D-Mannopyranosyl azide tetraacetate**see *2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl azide*, MT05058 on page 534**b-D-Mannopyranosyl azide tetraacetate**see *2,3,4,6-Tetra-O-acetyl-b-D-mannopyranosyl azide*, MT01037 on page 534**b-D-Mannopyranosyl nitromethane**

• 2,6-Anhydro-1-deoxy-1-nitro-D-glycero-D-galacto-heptitol

[93302-92-2] C<sub>7</sub>H<sub>13</sub>NO<sub>7</sub> 223.61

MM01638

1g	\$235.00
2g	\$460.00
5g	\$1050.00

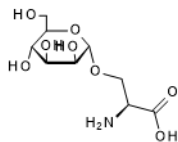


M

**a-D-Mannopyranosyl L-serine**C<sub>9</sub>H<sub>17</sub>NO<sub>8</sub> 267.24

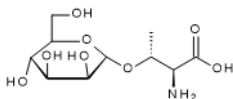
MM07228

10mg	\$630.00
25mg	\$1312.50
50mg	\$2100.00

**O-a-D-Mannopyranosyl L-threonine**C<sub>10</sub>H<sub>19</sub>NO<sub>8</sub> 281.16

MM10358

25mg	\$105.00
50mg	\$367.50
100mg	\$630.00

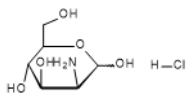
**D-Mannosamine HCl**

• 2-Amino-2-deoxy-D-mannose HCl

[5505-63-5] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·HCl 215.63

MM04214

1g	\$40.00
2g	\$60.00
5g	\$120.00



Refs: Collins BE, Fralich TJ, Itonori S, Ichikawa Y, Glycobiology 2000, Vol10, No1, 11-20

**b-D-Mannosamine pentaacetate**

see 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-mannopyranose, MA04038 on page 20

**D-Mannosaminuronic acid**

MM63241

Price On Application

**Mannosan**

see 1,6-Anhydro-b-D-mannopyranose, MA04574 on page 77

**1,2-13C-D-Mannose**

MM157395

100mg	\$150.00
250mg	\$315.00
500mg	\$495.00

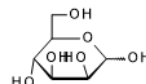
**D-Mannose**

• D-Mannopyranose

[3458-28-4] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MM06704

250g	\$65.00
500g	\$90.00
1kg	\$135.00



Refs: Fleet GWJ, Gough MJ, Shing TKM, Tetrahedron Lett. 1984, 25, 4029

**D-Mannose - F**

[3458-28-4]

MM153404

250g	\$65.00
500g	\$90.00
1Kg	\$135.00

**D-Mannose - F (from birch)**[3458-28-4] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MM08169

250g	\$85.00
500g	\$160.00
1kg	\$280.00



## Mannose

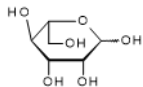
## L-Mannose

• L-Mannopyranose

[10030-80-5] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MM00200

1g	\$60.00
2g	\$110.00
5g	\$175.00



Refs: Harris JM, Keranen MD, O'Doherty GA, J. Org. Chem. 1999, Apr 30, 64(9), 2982-2983; Beil. 1, IV, 4333



## D-Mannose-BSA

MM58398

2ug	\$95.34
5ug	\$152.55



## D-Mannose 6-(4-methylbenzenesulfonate)

see 6-O-Tosyl-D-mannose, MT16872 on page 562

## a-D-Mannose pentaacetate

see 1,2,3,4,6-Penta-O-acetyl-a-D-mannopyranose, MP00483 on page 452

## D-Mannose pentaacetate

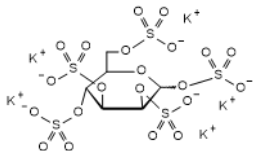
see 1,2,3,4,6-Penta-O-acetyl-D-mannopyranose, MP00476 on page 452

## Mannose pentasulfate pentapotassium salt - technical grade

[359436-63-8] C<sub>6</sub>H<sub>7</sub>K<sub>5</sub>O<sub>21</sub>S<sub>5</sub> 770.93

MM16779

10mg	\$110.10
25mg	\$200.50
50mg	\$364.00



## a-D-Mannose-1-phosphate ammonium salt

C<sub>6</sub>H<sub>13</sub>O<sub>9</sub>PN<sub>2</sub> 294.2

MM30432

1mg	\$60.90
2mg	\$101.90
5mg	\$211.10

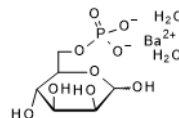


## D-Mannose-6-phosphate barium salt hydrate

[104872-94-8] C<sub>6</sub>H<sub>11</sub>BaO<sub>9</sub>P·2H<sub>2</sub>O 395.45

MM05048

25mg	\$79.00
50mg	\$131.50
100mg	\$210.00

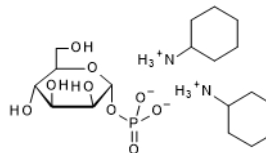


## a-D-Mannose-1-phosphate bis(cyclohexylammonium) salt

[51306-17-3] C<sub>6</sub>H<sub>11</sub>O<sub>9</sub>P·C<sub>12</sub>H<sub>28</sub>N<sub>2</sub> 458.48

MM05047

5mg	\$70.00
10mg	\$105.00
25mg	\$210.00



## 2-13C-a-D-Mannose-1-phosphate dipotassium salt

MM64874

Price On Application

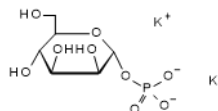


## a-D-Mannose-1-phosphate dipotassium salt

[71888-67-0] C<sub>6</sub>H<sub>11</sub>K<sub>2</sub>O<sub>9</sub>P 336.32

MM06146

50mg	\$105.00
100mg	\$158.00
250mg	\$315.00

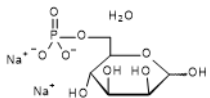


Refs: Jerzykiewicz LB, Lis T, Zuziak E, Carbohydr. Res. 2005, Oct 31, 340(15), 2422-7

**D-Mannose-6-phosphate disodium salt hydrate**[33068-18-7] C<sub>8</sub>H<sub>11</sub>O<sub>9</sub>PNa<sub>2</sub>·H<sub>2</sub>O 322.11

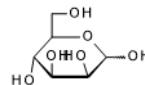
MM05046

50mg	\$85.00
100mg	\$160.00
250mg	\$250.00

**D-Mannose Tablets**C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MM06345

Price On Application

**a-D-Mannose-1-phosphate 3-LINKER-FITC**

MM59499

Price On Application

**Mannose triflate**

see 1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-β-D-mannopyranose, MT06933 on page 538

**Mannostatin A hydrochloride**[134235-13-5][102822-56-0] C<sub>6</sub>H<sub>14</sub>ClNO<sub>9</sub>S 215.7

MM25013

1mg	\$250.00
2mg	\$460.00
5mg	\$950.00



Refs: Tropea, J.E, et al, Biochemistry, 29, 10062 (1990)

**Mannosucrose**

• b-D-Fructofuranosyl-a-D-mannopyranoside

[79324-70-2] C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> 342.3

MM03532

Price On Application

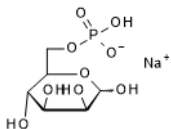
**D-Mannuronic acid lactone**

see D-Mannurono-6,3-lactone, MM00711 on page 360

**D-Mannose-6-phosphate sodium salt**[70442-25-0] C<sub>8</sub>H<sub>12</sub>NaO<sub>9</sub>P 282.12

MM06705

50mg	\$100.00
100mg	\$180.00
250mg	\$375.00

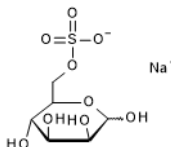


Refs: Bobek G, Scott CD, Baxter RC, Endocrinology 1992, Vol130, No6, p3387-3394

**D-Mannose-6-O-sulphate sodium salt**[204575-08-6] C<sub>8</sub>H<sub>11</sub>O<sub>9</sub>SNa 282.2

MM00770

5mg	\$65.70
10mg	\$84.00
25mg	\$182.50

**D-Mannuronic acid sodium salt**C<sub>6</sub>H<sub>8</sub>NaO<sub>7</sub> 216.12

MM61575

2mg	\$74.00
5mg	\$145.00
10mg	\$220.00



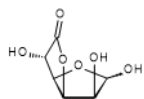
**Mannuronolac****D-Mannurono-6,3-lactone**

• D-Mannuronic acid lactone

[7424-09-1] C<sub>6</sub>H<sub>8</sub>O<sub>6</sub> 176.12

MM00711

10mg	\$99.80
25mg	\$184.00
50mg	\$304.50

**Matezodambose**see *1D-chiro-Inositol*, *MI07483* on page 140**MAX**see *1,2-O-Isopropylidene-α-D-xylofuranose*, *MI05303* on page 340**Medicagenic acid 3,28-di-O-glucoside**

MM69756

1mg	\$50.00
2mg	\$80.00
5mg	\$150.00

**N-Me-DNJ**see *N-Methyldeoxynojirimycin*, *MM04904* on page 387**Mefenamic acid-acyl-b-D-glucuronide**[102623-18-7] C<sub>21</sub>H<sub>23</sub>NO<sub>8</sub> 417.41

MM44749

0.5mg	\$175.00
1mg	\$345.00
2mg	\$680.00

**Meglumine**see *N-Methyl-D-glucamine*, *MM07027* on page 399**Meglumine antimonate**see *N-Methylglucamine antimonate*, *MM44354* on page 400**Memantine N-b-D-glucuronide**• 3,5-Dimethyltricyclo[3.3.1.1<sup>3,7</sup>]decan-1-amine b-D-glucuronide[1809031-06-8] C<sub>18</sub>H<sub>28</sub>NO<sub>6</sub> 355.43

MM45204

1mg	\$75.00
2mg	\$105.00
5mg	\$200.00

**(-)-Menthyl O-b-D-glucopyranoside**see *L-Menthylglucoside*, *MM76154* on page 360**L-Menthylglucoside**

• (-)-Menthyl O-b-D-glucopyranoside

[16203-27-3] C<sub>16</sub>H<sub>30</sub>O<sub>6</sub> 318.41

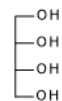
MM76154

2mg	\$66.00
5mg	\$137.50
10mg	\$220.00

**Mercaptoethyl 2-(acetylamino)-2-deoxy-b-D-galactopyranoside**see *Ethyl 2-acetamido-2-deoxy-b-D-thiogalactopyranoside*, *ME16780* on page 240**meso-Erythritol**[149-32-6] C<sub>4</sub>H<sub>10</sub>O<sub>4</sub> 122.12

ME05658

500g	\$60.00
1kg	\$95.00
2kg	\$150.00

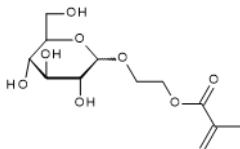
**meso-Inositol**see *myo-Inositol*, *MI06864* on page 325



**2-Methacryloxyethyl D-glucopyranoside - 25-50% in aqueous solution containing 200 ppm MEHQ inhibitor**[132153-62-9] C<sub>12</sub>H<sub>20</sub>O<sub>8</sub> 292.3

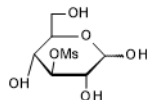
MM09070

5g	\$113.40
10g	\$189.00
25g	\$394.00

**3-O-Methanesulfonyl-D-glucopyranose**[40631-95-6] C<sub>7</sub>H<sub>14</sub>O<sub>8</sub>S 258.25

MM05417

1g	\$157.50
5g	\$420.00
10g	\$630.00

**2,4-Methanoglutamic acid**

MM44494

Price On Application

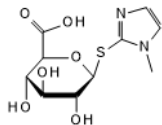
**Methimazole glucuronide**see *Methimazole thio-b-D-glucuronide*, MM16781 on page 361**Methimazole thio-b-D-glucuronide**

- 1-Methyl-1H-imidazol-2-yl 1-thio-b-D-glucopyranosiduronic acid
- Methimazole glucuronide

[39038-19-2] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub>S 290.29

MM16781

1mg	\$272.60
2mg	\$495.50
5mg	\$900.90

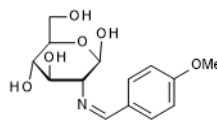


Refs: Sitar, D.S, et al, J. Pharmacol. Exp. Ther, 184, 432 (1973)

**6-(3-Methoxybenzylamino)-9-b-Dglucopyranosylpurine**see *m-Methoxytopolin-9-glucoside*, MM30296 on page 370**[6-(2-Methoxybenzylamino)-9-b-Dglucopyranosyl]purine**see *o-Methoxytopolin-9-glucoside*, MM30299 on page 371**N-(4-Methoxybenzylidene)-b-D-glucosamine**C<sub>14</sub>H<sub>19</sub>NO<sub>6</sub> 297.3

MM10313

Price On Application

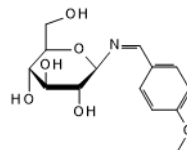
**N-(4-Methoxybenzylidene)-D-glucosamine**see *2-Amino-2-deoxy-N-(4-methoxybenzylidene)-D-glucopyranose*, MA08176 on page 61**N-(4-Methoxybenzylidene)-D-glucosamine**

- 2-Deoxy-2-[[[(4-methoxyphenyl)methylene]amino]-D-glucose

[51471-40-0] C<sub>14</sub>H<sub>19</sub>NO<sub>6</sub> 297.3

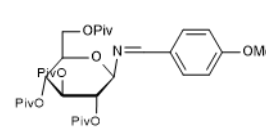
MM16783

500mg	\$60.00
1g	\$109.10
2g	\$198.20

**2-(4-Methoxybenzylidene)imino-2-deoxy-1,3,4,6-tetra-O-acetyl-b-D-glucopyranose**see *1,3,4,6-Tetra-O-acetyl-N-(4-methoxybenzylidene)-b-D-glucosamine*, MT08177 on page 536**N-(4-Methoxybenzylidene)-2,3,4,6-tetra-O-pivaloyl-D-glucosamine**C<sub>34</sub>H<sub>51</sub>NO<sub>10</sub> 633.77

MM08441

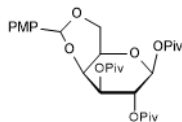
Price On Application



**Methoxybenzy****4,6-O-(4-Methoxybenzylidene)-1,2,3-tri-O-pivaloyl-b-D-galactopyranose**C<sub>29</sub>H<sub>42</sub>O<sub>10</sub> 550.65

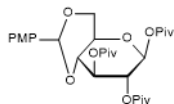
MM08743

Price On Application

**4,6-O-(4-Methoxybenzylidene)-1,2,3-tri-O-pivaloyl-b-D-glucopyranose**C<sub>29</sub>H<sub>42</sub>O<sub>10</sub> 550.65

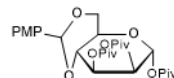
MM08744

Price On Application

**4,6-O-(4-Methoxybenzylidene)-1,2,3-tri-O-pivaloyl-a-D-mannopyranose**C<sub>29</sub>H<sub>42</sub>O<sub>10</sub> 550.65

MM08742

Price On Application

**(4R,5R)-5-(Methoxycarbonyl)-2,2-dimethyl-1,3-dioxolane-4-carboxylic acid**

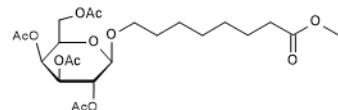
[67812-33-3]

MM139202

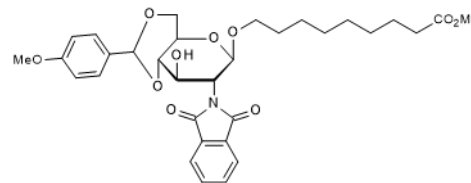
Price On Application

**8-Methoxycarbonyloctanoyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside**[93619-78-4] C<sub>23</sub>H<sub>36</sub>O<sub>12</sub> 504.52

MM05727

100mg  
250mg  
500mg\$100.00  
\$172.50  
\$265.00**8-Methoxycarbonyloctyl 2-deoxy-4,6-O-(4-methoxybenzylidene)-2-phthalimido-b-D-glucopyranoside**[359436-88-7] C<sub>32</sub>H<sub>39</sub>NO<sub>10</sub> 597.65

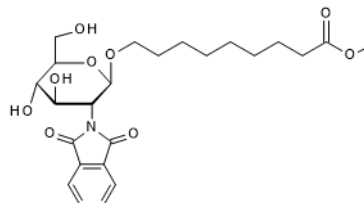
MM04778

10mg  
25mg  
50mg\$89.30  
\$168.00  
\$315.00

Refs: Lee HH, et al, Can. J. Chem 1986, 64, 1912

**8-Methoxycarbonyloctyl 2-deoxy-2-phthalimido-b-D-glucopyranoside**[106445-25-4] C<sub>24</sub>H<sub>33</sub>NO<sub>9</sub> 479.52

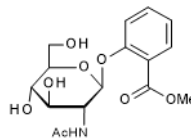
MM06782

5mg  
10mg  
25mg\$89.30  
\$168.00  
\$336.00

Refs: Lee HH, et al, Can. J. Chem. 1986, 64, p1912

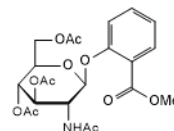
**2-Methoxycarbonylphenyl 2-acetamido-2-deoxy-b-D-glucopyranoside**C<sub>18</sub>H<sub>21</sub>NO<sub>8</sub> 355.34

MM02464

250mg  
500mg  
1g\$375.00  
\$600.00  
\$950.00**2-Methoxycarbonylphenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[6835-61-6] C<sub>18</sub>H<sub>21</sub>NO<sub>8</sub> 355.34

MM05434

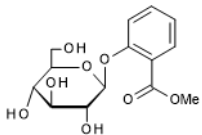
Price On Application



**2-Methoxycarbonylphenyl b-D-glucopyranoside**[10019-60-0] C<sub>14</sub>H<sub>16</sub>O<sub>8</sub> 314.29

MM01782

100mg	\$50.00
250mg	\$75.00
500mg	\$100.00

**2-(Methoxycarbonyl)phenyl b-D-glucopyranosiduronic Acid Methyl Ester**see *Methyl salicylate b-D-O-glucuronide methyl ester*, MM16797 on page 414**2-Methoxycarbonylphenyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside**[7791-66-4] C<sub>22</sub>H<sub>26</sub>O<sub>12</sub> 482.43

MM01927

25mg	\$150.00
50mg	\$240.00
100mg	\$400.00

**1,2-O-(1-Methoxyethylidene)-a-D-galactopyranose**see *a-D-Galactopyranose 1,2-(methyl orthoacetate)*, MG06097 on page 272**4,6-O-p-Methoxybenzylidene-D-glucal**

[312623-79-3]

MM04281

Price On Application

**1-[(a-S)-6-Methoxy-a-methyl-2-naphthaleneacetate]**see *(S)-Naproxen acyl-b-D-glucuronide*, MN07309 on page 436**1-[(a-S)-6-Methoxy-a-methyl-2-naphthaleneacetate] b-D-glucopyranuronic acid, phenylmethyl ester**see *(S)-Naproxen acyl-b-D-glucuronide benzyl ester*, MN16814 on page 437**6-Methoxy-2-oxo-2H-1-benzopyran-7-yl b-D-glucopyranosiduronic acid**see *Scopoletin b-D-glucuronide*, MS16852 on page 500**1-(4-methoxy-phenoxy)-a-D-talopyranose**

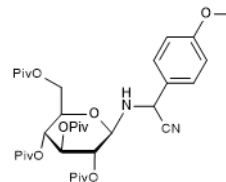
MM146382

Price On Application

**N-[2-(4'-Methoxyphenylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>35</sub>H<sub>52</sub>N<sub>2</sub>O<sub>10</sub> 660.79

MM08496

Price On Application

**4-Methoxyphenyl 4-O-Acetyl-3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside**

• GlcNPhth[36Bn,4Ac]-b-MP

[140615-77-6] C<sub>37</sub>H<sub>35</sub>NO<sub>9</sub> 637.68

MM60593

250mg	\$64.00
500mg	\$112.00
1g	\$195.00

**4-Methoxyphenyl 3-O-allyl-2-azido-4,6-O-benzylidene-2-deoxy-b-D-galactopyranoside**[889453-83-2] C<sub>23</sub>H<sub>25</sub>N<sub>3</sub>O<sub>6</sub> 439.46

MM34875

250mg	\$237.50
500mg	\$420.00
1g	\$777.00



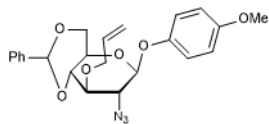
## Methoxypheny

## 4-Methoxyphenyl 3-O-allyl-2-azido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside

[889453-78-5] C<sub>23</sub>H<sub>25</sub>N<sub>3</sub>O<sub>6</sub> 439.47

MM07508

100mg	\$65.00
250mg	\$115.00
500mg	\$195.00



## 4-Methoxyphenyl 3-O-allyl-4,6-O-benzylidene-2-O-(4-methylbenzoyl)-b-D-galactopyranoside

C<sub>31</sub>H<sub>32</sub>O<sub>8</sub> 532.58

MM60589

100mg	\$39.00
250mg	\$78.00
500mg	\$136.00

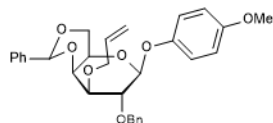


## 4-Methoxyphenyl 3-O-allyl-2-O-benzyl-4,6-O-benzylidene-2-deoxy-b-D-galactopyranoside

C<sub>30</sub>H<sub>32</sub>O<sub>7</sub> 504.59

MM07509

250mg	\$92.50
500mg	\$160.00
1g	\$262.50



## 4-Methoxyphenyl-3-O-allyl-b-D-galactopyranoside

Price On Application

MM45688



## 4-Methoxyphenyl 3-O-allyl-4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside

[889453-84-3] C<sub>31</sub>H<sub>29</sub>NO<sub>8</sub> 543.56

MM60592

500mg	\$41.00
1g	\$71.00
2g	\$124.00

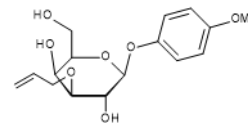


## 4-Methoxyphenyl 3-O-allyl-b-D-galactopyranoside

[144985-19-3] C<sub>18</sub>H<sub>22</sub>O<sub>7</sub> 326.34

MM07051

1g	\$70.00
2g	\$100.00
5g	\$200.00

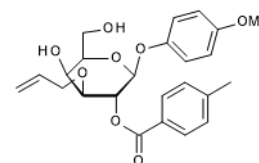


## 4-Methoxyphenyl 3-O-allyl-2-O-toluoyl-b-D-galactopyranoside

C<sub>24</sub>H<sub>28</sub>O<sub>8</sub> 444.49

MM07506

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

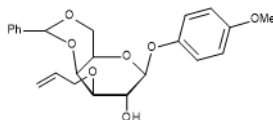


## 4-Methoxyphenyl 3-O-allyl-4,6-O-benzylidene-b-D-galactopyranoside

[400091-05-6] C<sub>23</sub>H<sub>26</sub>O<sub>7</sub> 414.45

MM07050

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

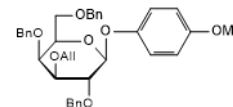


## 4-Methoxyphenyl-3-O-allyl-2,4,6-tri-O-benzyl-b-D-galactopyranoside

[247027-78-7] C<sub>37</sub>H<sub>40</sub>O<sub>7</sub> 596.71

MM45460

250mg	\$92.50
500mg	\$160.00
1g	\$262.50



**4-Methoxyphenyl 2-amino-3,6-di-O-benzyl-2-deoxy-b-D-glucopyranoside**[1272755-07-3] C<sub>27</sub>H<sub>31</sub>NO<sub>6</sub> 465.54

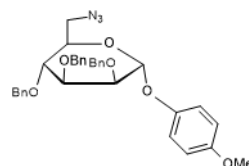
MM60616

100mg	\$55.00
250mg	\$109.00
500mg	\$190.00

**4-Methoxyphenyl 6-azido-2,3,4-tri-O-benzyl-6-deoxy-a-D-mannopyranoside**C<sub>34</sub>H<sub>35</sub>N<sub>3</sub>O<sub>6</sub> 581.66

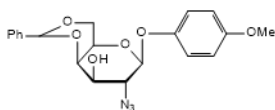
MM00210

Price On Application

**4-Methoxyphenyl 2-azido-4,6-O-benzylidene-2-deoxy-b-D-galactopyranose**[1340541-47-0] C<sub>20</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub> 399.4

MM30441

Price On Application

**4-Methoxyphenyl 2-O-benzoyl-3,6-di-O-benzyl-b-D-glucopyranoside**[1393898-89-9] C<sub>34</sub>H<sub>34</sub>O<sub>8</sub> 570.63

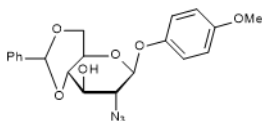
MM60613

Price On Application

**4-Methoxyphenyl 2-azido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside**C<sub>20</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub> 399.41

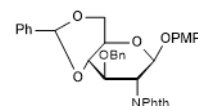
MM07507

100mg	\$90.00
250mg	\$172.50
500mg	\$265.00

**4-Methoxyphenyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside**[129575-88-8] C<sub>35</sub>H<sub>31</sub>NO<sub>8</sub> 593.62

MM07038

250mg	\$75.00
500mg	\$125.00
1g	\$210.00

**4-Methoxyphenyl 2-azido-3,6-di-O-benzyl-2-deoxy-b-D-glucopyranoside**[1272755-25-5] C<sub>27</sub>H<sub>29</sub>N<sub>3</sub>O<sub>6</sub> 491.54

MM34874

250mg	\$185.00
500mg	\$345.00
1g	\$598.50

**4-Methoxyphenyl 3-O-benzyl-4,6-O-benzylidene-b-D-glucopyranoside**[303127-81-3] C<sub>27</sub>H<sub>28</sub>O<sub>7</sub> 464.51

MM60611

250mg	\$95.00
500mg	\$165.00
1g	\$295.00



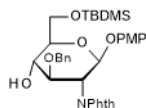
## Methoxypheny

## 4-Methoxyphenyl 3-O-benzyl-6-O-tert-butylidimethylsilyl-2-deoxy-2-phthalimido-b-D-glucopyranoside

C<sub>34</sub>H<sub>41</sub>NO<sub>8</sub>Si 619.78

MM11001

50mg	\$84.00
100mg	\$137.00
250mg	\$315.00



## 4-Methoxyphenyl 3-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside

[138906-44-2] C<sub>28</sub>H<sub>27</sub>NO<sub>8</sub> 505.52

MM60614

10g	\$44.00
25g	\$88.00
50g	\$150.00



## 4-Methoxyphenyl 3-O-benzyl-b-D-galactopyranoside

[383905-60-0] C<sub>20</sub>H<sub>24</sub>O<sub>7</sub> 376.4

MM60607

250mg	\$52.00
500mg	\$91.00
1g	\$159.00



## 4-Methoxyphenyl 3-O-benzyl-b-D-glucopyranoside

[303127-80-2] C<sub>20</sub>H<sub>24</sub>O<sub>7</sub> 376.4

MM60612

100mg	\$47.00
250mg	\$94.00
500mg	\$164.00

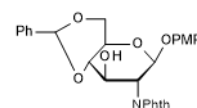


## 4-Methoxyphenyl 4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside

[138906-43-1] C<sub>28</sub>H<sub>25</sub>NO<sub>8</sub> 503.51

MM04570

1g	\$50.00
2g	\$100.00
5g	\$150.00



Refs: de Souza AC, Kuil J, Elizabeth C, Maljaars P, et al, Org. Biomolec. Chem. 2004, Vol2, No20, p2972-2987

## 4-Methoxyphenyl 4,6-O-Benzylidene-b-D-galactopyranoside

[176299-96-0] 374.38

MM60606

Price On Application

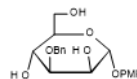


## 4-Methoxyphenyl 3-O-benzyl-a-D-mannopyranoside

C<sub>20</sub>H<sub>24</sub>O<sub>7</sub> 376.4

MM10911

100mg	\$210.00
250mg	\$395.00
500mg	\$630.00



## 4-Methoxyphenyl 6-O-tert-butylidimethylsilyl-2-deoxy-2-(2,2,2-trichloroethoxyformamido)-b-D-glucopyranoside

• 4-Methoxyphenyl 6-O-TBS-N-troc-b-D-glucosaminide

MM137442

Price On Application

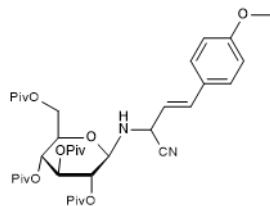


M

**N-[2-(4-Methoxyphenyl)-1-cyano-3-butene]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>37</sub>H<sub>54</sub>N<sub>2</sub>O<sub>10</sub> 686.83

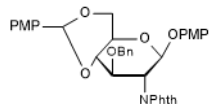
MM08497

Price On Application

**4-Methoxyphenyl 2-deoxy-3-benzyl-4,6-O-(4-methoxybenzylidene)-2-phthalimido-b-D-glucopyranoside**C<sub>36</sub>H<sub>33</sub>NO<sub>9</sub> 623.65

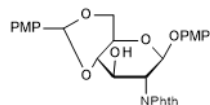
MM10916

5mg	\$94.50
10mg	\$157.50
25mg	\$315.00

**4-Methoxyphenyl 2-deoxy-4,6-O-(4-methoxybenzylidene)-2-phthalimido-b-D-glucopyranoside**C<sub>29</sub>H<sub>27</sub>NO<sub>9</sub> 533.53

MM10915

5mg	\$94.50
10mg	\$157.50
25mg	\$315.00

**4-Methoxyphenyl 3,6-Di-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside**[129575-89-9] C<sub>35</sub>H<sub>33</sub>NO<sub>8</sub> 595.64

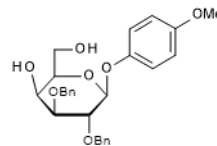
MM60615

250mg	\$75.00
500mg	\$130.00
1g	\$235.00

**4-Methoxyphenyl 2,3-di-O-benzyl-b-D-galactopyranoside**C<sub>27</sub>H<sub>30</sub>O<sub>7</sub> 466.52

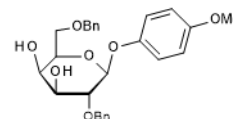
MM08846

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

**4-Methoxyphenyl 2,6-di-O-benzyl-b-D-galactopyranoside**[159922-50-6] C<sub>27</sub>H<sub>30</sub>O<sub>7</sub> 466.52

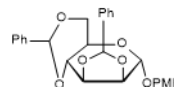
MM07048

250mg	\$80.00
500mg	\$135.00
1g	\$210.00

**4-Methoxyphenyl 2,3:4,6-di-O-benzylidene-a-D-mannopyranoside**C<sub>27</sub>H<sub>26</sub>O<sub>7</sub> 462.49

MM10940

1g	\$157.50
2g	\$262.50
5g	\$498.80

**4-Methoxyphenyl 2,3:4,6-di-O-benzylidene-b-D-mannopyranoside**

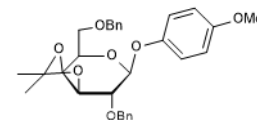
MM13175

100mg	\$158.00
250mg	\$315.00
500mg	\$525.00

**4-Methoxyphenyl 2,6-di-O-benzyl-3,4-O-isopropylidene-b-D-galactopyranose**[159922-68-6] C<sub>30</sub>H<sub>34</sub>O<sub>7</sub> 506.59

MM07047

250mg	\$80.00
500mg	\$135.00
1g	\$210.00



## Methoxyphenyl

## 4-Methoxyphenyl 3,4-di-O-benzyl-a-D-mannopyranoside

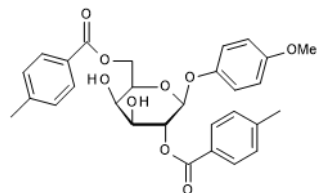
MM12467	1mg	\$73.50
	2mg	\$105.00
	5mg	\$199.50



## 4-Methoxyphenyl 2,6-di-O-toluoyl-b-D-galactopyranoside

C<sub>29</sub>H<sub>30</sub>O<sub>9</sub> 522.56

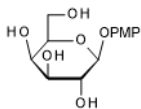
MM07503	250mg	\$92.50
	500mg	\$160.00
	1g	\$262.50



## 4-Methoxyphenyl b-D-galactopyranoside

[3150-20-7] C<sub>13</sub>H<sub>18</sub>O<sub>7</sub> 286.28

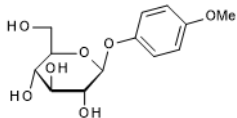
MM07501	1g	\$89.30
	2g	\$168.00
	5g	\$367.50



## 4-Methoxyphenyl b-D-glucopyranoside

[6032-32-2] C<sub>13</sub>H<sub>18</sub>O<sub>7</sub> 286.28

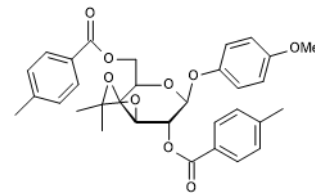
MM07132	1g	\$80.00
	2g	\$130.00
	5g	\$275.00



## 4-Methoxyphenyl 3,4-O-isopropylidene-2,6-di-O-toluoyl-b-D-galactopyranoside

C<sub>32</sub>H<sub>34</sub>O<sub>9</sub> 562.62

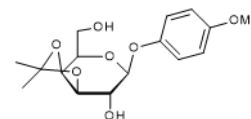
MM07504	250mg	\$92.50
	500mg	\$160.00
	1g	\$262.50



## 4-Methoxyphenyl 3,4-O-isopropylidene-b-D-galactopyranoside

[159922-67-5] C<sub>16</sub>H<sub>22</sub>O<sub>7</sub> 326.34

MM07049	250mg	\$92.50
	500mg	\$160.00
	1g	\$262.50



## 4-Methoxyphenyl 3,4-O-Isopropylidene-2,6-bis-O-(4-methylbenzoyl)-b-D-galactopyranoside

[1496536-69-6] C<sub>32</sub>H<sub>34</sub>O<sub>9</sub> 562.61

MM60590	500mg	\$52.00
	1g	\$90.00
	2g	\$153.00



## 4-Methoxyphenyl 3,4-O-Isopropylidene-6-O-(4-methylbenzoyl)-b-D-galactopyranoside

C<sub>24</sub>H<sub>28</sub>O<sub>8</sub> 444.47

MM60605	500mg	\$52.00
	1g	\$90.00
	2g	\$153.00



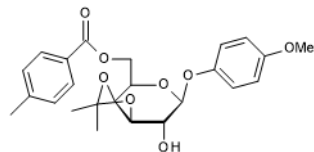
M



**4-Methoxyphenyl 3,4-O-isopropylidene-6-O-toluoyl-b-D-galactopyranoside**C<sub>24</sub>H<sub>28</sub>O<sub>8</sub> 444.49

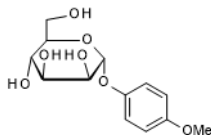
MM07505

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

**4-Methoxyphenyl a-D-mannopyranoside**[28541-75-5] C<sub>13</sub>H<sub>18</sub>O<sub>7</sub> 286.28

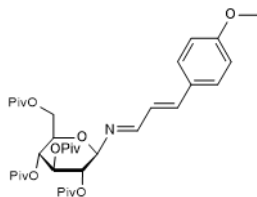
MM06218

250mg	\$67.50
500mg	\$105.00
1g	\$189.00

**3-(4-Methoxyphenyl)-4-oxo-4H-1-benzopyran-7-yl b-D-glucuronic acid**see *Formononetin-b-D-glucuronide sodium salt*, MF16377 on page 263**N-[(4'-Methoxyphenyl)-1-propenyl]imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>36</sub>H<sub>53</sub>NO<sub>10</sub> 659.81

MM08498

Price On Application

**4-Methoxyphenyl-D-ribofuranoside**

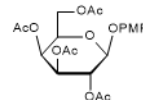
MM158813

50mg	\$50.00
100mg	\$90.00
250mg	\$200.00

**4-Methoxyphenyl 6-O-TBS-N-troc-b-D-glucosaminide**see *4-Methoxyphenyl 6-O-tert-butyltrimethylsilyl-2-deoxy-2-(2,2,2-trichloroethoxyformamido)-b-D-glucopyranoside*, MM137442 on page 366**4-Methoxyphenyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside**[2872-65-3] C<sub>21</sub>H<sub>26</sub>O<sub>11</sub> 454.42

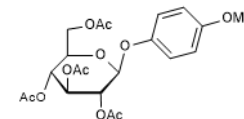
MM07045

5g	\$65.00
10g	\$95.00
25g	\$175.00

**4-Methoxyphenyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside**[14581-81-8] C<sub>21</sub>H<sub>26</sub>O<sub>11</sub> 454.42

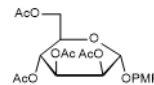
MM07502

5g	\$60.00
10g	\$110.00
25g	\$225.00

**4-Methoxyphenyl 2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside**[17042-40-9] C<sub>21</sub>H<sub>26</sub>O<sub>11</sub> 454.42

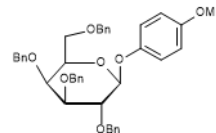
MM07021

1g	\$95.00
2g	\$170.00
5g	\$325.00

**4-Methoxyphenyl 2,3,4,6-tetra-O-benzyl-b-D-galactopyranoside**[143536-99-6] C<sub>41</sub>H<sub>42</sub>O<sub>7</sub> 646.77

MM07022

500mg	\$80.00
1g	\$147.00
2g	\$262.50



**Methoxypheny****p-Methoxyphenyl 1-thio-b-D-galactopyranoside**

[41341-62-2]

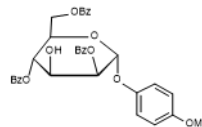
MM16105

Price On Application

**4-Methoxyphenyl 2,4,6-tri-O-benzoyl-a-D-mannopyranoside**C<sub>34</sub>H<sub>30</sub>O<sub>10</sub> 598.6

MM06594

Price On Application

**4-Methoxyphenyl 2,4,6-tri-O-acetyl-3-O-benzyl-b-D-glucopyranoside**[303127-79-9] C<sub>26</sub>H<sub>30</sub>O<sub>10</sub> 502.51

MM60591

100mg	\$55.00
250mg	\$90.00
500mg	\$140.00

**4-Methoxyphenyl-2,3,5-tri-O-benzoyl-D-ribofuranoside**

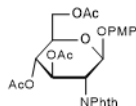
MM158814

2mg	\$50.00
5mg	\$110.00
10mg	\$200.00

**4-Methoxyphenyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside**[138906-41-9] C<sub>27</sub>H<sub>27</sub>NO<sub>11</sub> 541.52

MM06595

250mg	\$52.50
500mg	\$105.00
1g	\$157.50

**4-Methoxyphenyl 2,3,6-tri-O-benzyl-b-D-galactopyranoside**[869107-36-8] C<sub>34</sub>H<sub>36</sub>O<sub>7</sub> 556.65

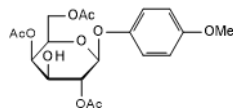
MM60608

Price On Application

**4-Methoxyphenyl 2,4,6-tri-O-acetyl-b-D-galactopyranoside**[383905-62-2] C<sub>19</sub>H<sub>24</sub>O<sub>10</sub> 412.39

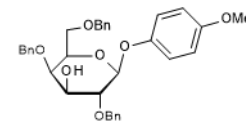
MM45693

Price On Application

**4-Methoxyphenyl 2,4,6-tri-O-benzyl-b-D-galactopyranoside**[247027-79-8] C<sub>34</sub>H<sub>36</sub>O<sub>7</sub> 556.65

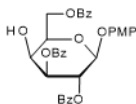
MM07046

250mg	\$75.00
500mg	\$100.00
1g	\$270.00

**4-Methoxyphenyl 2,3,6-tri-O-benzoyl-b-D-galactopyranoside**C<sub>34</sub>H<sub>30</sub>O<sub>10</sub> 598.6

MM10918

100mg	\$95.00
250mg	\$210.00
500mg	\$395.00

**m-Methoxytopolin-9-glucoside**

• 6-(3-Methoxybenzylamino)-9-b-Dglucopyranosylpurine

[1226978-21-7] C<sub>19</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 417.42

MM30296

5mg \$975.00



M

**o-Methoxytopolin-9-glucoside**

• [6-(2-Methoxybenzylamino)-9-b-Dglucopyranosyl]purine

[1226978-27-7] C<sub>19</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 417.42

MM30299

5mg

\$975.00

**p-Methoxytopolin-9-glucoside**C<sub>19</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 417.42

MM30300

5mg

\$975.00

**Methyl 2-deoxy-5-O-(4-phenylbenzoyl)-a-D-ribofuranoside**[125611-96-3] C<sub>18</sub>H<sub>20</sub>O<sub>5</sub> 328.36

MM32698

Price On Application

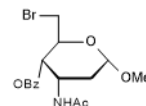
**Methyl 2,4,6-tri-O-methyl-a-D-glucopyranoside**

[35939-71-0]

MM157229

100mg  
250mg  
500mg\$1050.00  
\$1560.00  
\$1950.00**Methyl 5-acetamido-2,6-anhydro-3,5-dideoxy-D-glycero-D-galacto-non-2-enonate**see *N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid methyl ester, MA05288 on page 30***Methyl 3-acetamido-4-O-benzoyl-6-bromo-2,3,6-trideoxy-a-D-ribohexopyranoside**[57865-92-6] C<sub>16</sub>H<sub>20</sub>BrNO<sub>5</sub> 386.25

MM09727

25mg  
50mg  
100mg\$105.00  
\$189.00  
\$336.00**Methyl 2-acetamido-3-O-benzyl-4,6-O-benzylidene-b-D-glucopyranoside**

MM46869

50mg  
100mg  
250mg\$250.00  
\$395.00  
\$750.00**Methyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-glucopyranoside**[6619-04-1] C<sub>16</sub>H<sub>21</sub>NO<sub>6</sub> 323.34

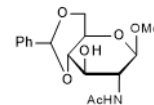
MM71462

500mg  
1g  
2g\$130.00  
\$215.00  
\$380.00**Methyl 2-acetamido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside**

• Methyl 2-acetamido-2-deoxy-4,6-O-benzylidene-O-b-D-glucopyranoside

[10300-76-2] C<sub>16</sub>H<sub>21</sub>NO<sub>6</sub> 323.34

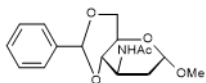
MM04772

100mg  
250mg  
500mg\$420.00  
\$630.00  
\$1025.00

**Methylacetam****Methyl 3-acetamido-4,6-O-benzylidene-2,3-dideoxy-a-D-arabino-hexopyranoside**[4115-63-3] C<sub>16</sub>H<sub>21</sub>NO<sub>5</sub> 307.35

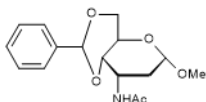
MM09728

50mg	\$210.00
100mg	\$179.00
250mg	\$315.00

**Methyl 3-acetamido-4,6-O-benzylidene-2,3-dideoxy-a-D-ribo-hexopyranoside**[23819-31-0] C<sub>16</sub>H<sub>21</sub>NO<sub>5</sub> 307.35

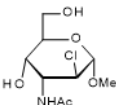
MM09715

50mg	\$105.00
100mg	\$189.00
250mg	\$367.50

**Methyl 3-acetamido-2-chloro-2,3-dideoxy-a-D-altropyranoside**C<sub>8</sub>H<sub>16</sub>ClNO<sub>5</sub> 253.68

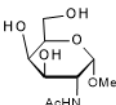
MM08883

Price On Application

**Methyl 2-acetamido-2-deoxy-4,6-O-benzylidene-O-b-D-glucopyranoside**see *Methyl 2-acetamido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside*, MM04772 on page 371**Methyl 2-acetamido-2-deoxy-3,6-di-O-benzyl-a-D-glucopyranoside**see *Methyl 2-acetamido-3,6-di-O-benzyl-2-deoxy-a-D-glucopyranoside*, MM06796 on page 373**Methyl 2-acetamido-2-deoxy-a-D-galactopyranoside**[6082-22-0] C<sub>9</sub>H<sub>17</sub>NO<sub>6</sub> 235.23

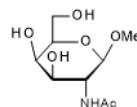
MM06786

100mg	\$53.00
250mg	\$105.00
500mg	\$160.00

**Methyl 2-acetamido-2-deoxy-b-D-galactopyranoside**[3055-46-7][22256-76-4] C<sub>9</sub>H<sub>17</sub>NO<sub>6</sub> 235.24

MM09714

5mg	\$105.00
10mg	\$175.00
25mg	\$350.00

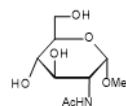
**Methyl 2-acetamido-2-deoxy-a-D-glucopyranoside**

- GlcNAc-a-OMe
- Methyl N-acetyl-a-D-glucosamine

[6082-04-8] C<sub>9</sub>H<sub>17</sub>NO<sub>6</sub> 235.23

MM04776

300mg	\$90.00
500mg	\$140.00
1g	\$260.00

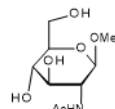
**Methyl 2-acetamido-2-deoxy-b-D-glucopyranoside**

- Methyl N-acetyl-b-D-glucosamine
- GlcNAc-b-OMe

[3946-01-8] C<sub>9</sub>H<sub>17</sub>NO<sub>6</sub> 235.24

MM05306

250mg	\$65.00
500mg	\$115.00
1g	\$195.00



Refs: Ljevakovic D, Tomic S, Tomasic J. Carbohydr. Res. 1988, No182, p197-205

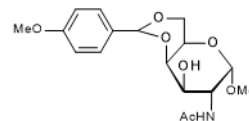
**Methyl 2-acetamido-2-deoxy-4,6-(4-methoxybenzylidene)-a-D-galactopyranoside**

- N-Acetyl-4,6-(p-methoxybenzylacetal)-2-deoxy-1-O-methyl-a-D-galactosamine

[78489-61-9] C<sub>17</sub>H<sub>23</sub>NO<sub>7</sub> 353.37

MM04462

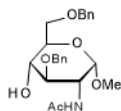
100mg	\$420.00
250mg	\$630.00
500mg	\$945.00



**Methyl 2-acetamido-3,6-di-O-benzyl-2-deoxy- $\alpha$ -D-glucopyranoside**• Methyl 2-acetamido-2-deoxy-3,6-di-O-benzyl- $\alpha$ -D-glucopyranoside[85193-92-6] C<sub>23</sub>H<sub>29</sub>NO<sub>6</sub> 415.48

MM06796

50mg	\$367.50
100mg	\$683.00
250mg	\$1050.00

**Methyl 5-acetamido-4,7,8,9-tetra-O-acetyl-3,5-dideoxy-2-thiophenyl-D-glycero- $\alpha$ -D-galacto-2-nonulopyranosylonate**[118977-26-7] C<sub>28</sub>H<sub>33</sub>NO<sub>12</sub>S 583.61

MM15741

50mg	\$210.00
100mg	\$315.00
250mg	\$525.00

**Methyl 2-acetamido-3,6-di-O-benzyl-2-deoxy- $\beta$ -D-glucopyranoside**[144685-11-0] C<sub>23</sub>H<sub>29</sub>NO<sub>6</sub> 415.48

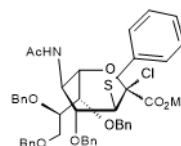
MM35327

10mg	\$199.50
25mg	\$394.00
50mg	\$630.00

**Methyl 5-acetamido-4,7,8,9-tetra-O-benzyl-2-chloro-2,3,5-trideoxy-3-phenylthio-D-erythro- $\beta$ -L-gluco-2-nonulopyranosonate**C<sub>46</sub>H<sub>49</sub>ClNO<sub>9</sub>S 810.39

MM06787

10mg	\$577.50
25mg	\$945.00
50mg	\$1470.00

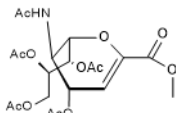
**Methyl 5-acetamido-3,5-dideoxy-D-glycero- $\beta$ -D-galacto-non-2-ulopyranosonate**see *N-Acetylneuraminic acid methyl ester*, MA04202 on page 39**Methyl 5-acetamido-2,4,7,8,9-penta-O-acetyl-3,5-dideoxy-3-fluoro-D-erythro- $\alpha$ -L-manno-2-nonulopyranulosate**see *2,4,7,8,9-Penta-O-acetyl-3-fluoro-N-acetyl-D-neuraminic acid methyl ester*, MM45150 on page 450**Methyl 5-acetamido-4,7,8,9-tetra-O-acetyl-2,6-anhydro-3,5-dideoxy-D-glycero-D-galacto-non-2-enonate**

- N-Acetyl-4,7,8,9-tetra-O-acetyl-2,3-dehydro-2-deoxyneuraminic acid, methyl ester
- Methyl 2,3-didehydro-4,7,8,9-tetra-O-acetyl-N-acetylneuraminatate

[73960-72-2] C<sub>20</sub>H<sub>27</sub>NO<sub>12</sub> 473.43

MM04188

5mg	\$50.00
10mg	\$85.00
25mg	\$140.00



Refs: Groves DR, Bradley SJ, Rose FJ, Kiefel MJ, et al. Glycoconjugate J. 1999, Vol16, No1, p13-17

**Methyl 5-Acetamido-7,8,9-tri-O-acetyl-5-N,4-O-carbonyl-3,5-dideoxy-2-S-phenyl-2-thio-D-glycero- $\beta$ -D-galacto-2-nonulopyranosylonate**• Methyl (Phenyl 5-Acetamido-7,8,9-tri-O-acetyl-5-N,4-O-carbonyl-3,5-dideoxy-2-thio-D-glycero- $\beta$ -D-galacto-2-nonulopyranosid)onate[934591-76-1] C<sub>25</sub>H<sub>29</sub>NO<sub>12</sub>S 567.56

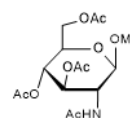
MM60570

25mg	\$50.00
50mg	\$87.00
100mg	\$152.00

**Methyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy- $\beta$ -D-glucopyranoside**[2771-48-4] C<sub>15</sub>H<sub>23</sub>NO<sub>9</sub> 361.34

MM01800

2g	\$157.50
5g	\$315.00
10g	\$525.00



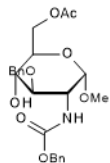
Refs: Evtushenko EV, Plisova EY, Ovodov YS, Chem. Nat. Compd. 1988, Vol23, No6, 651-653

**Methyl 5-Acetamido-4,7,8,9-tetra-O-acetyl-3,5-dideoxy- $\beta$ -D-glycero-D-galacto-2-nonulopyranosylonate**see *4,7,8,9-Tetra-O-acetyl-N-acetyl-D-neuraminic acid methyl ester*, MT07480 on page 513**Methyl 2-(acetylamino)-2-deoxy-4,6-O-[(4-methoxyphenyl)methylene]- $\alpha$ -D-galactopyranoside**see *N-Acetyl-4,6-(p-methoxybenzylidene)-2-deoxy-1-O-methyl- $\alpha$ -D-galactosamine*, MA16579 on page 38

**Methylacetyl****Methyl 6-O-acetyl-3-O-benzyl-2-benzoyloxycarbonylamino-2-deoxy-a-D-glucopyranoside**[114869-95-3] C<sub>24</sub>H<sub>29</sub>NO<sub>8</sub> 459.49

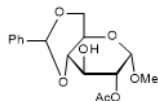
MM10325

Price On Application

**Methyl 2-O-acetyl-4,6-O-benzylidene-a-D-glucopyranoside**[25577-40-6] C<sub>16</sub>H<sub>20</sub>O<sub>7</sub> 324.33

MM08225

Price On Application

**Methyl N-acetyl-a-D-glucosamine**see *Methyl 2-acetamido-2-deoxy-a-D-glucopyranoside*, MM04776 on page 372**Methyl N-acetyl-b-D-glucosamine**see *Methyl 2-acetamido-2-deoxy-b-D-glucopyranoside*, MM05306 on page 372**Methyl-N-acetylneuraminate**

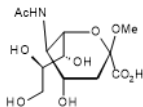
MM58665

1mg	\$87.78
2mg	\$140.44
5mg	\$340.95

**2-O-Methyl-a-D-N-acetylneuraminic acid**[50930-22-8] C<sub>12</sub>H<sub>21</sub>NO<sub>9</sub> 323.3

MM06671

5mg	\$85.00
10mg	\$115.00
25mg	\$200.00

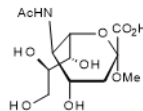


Refs: Czarniecki MF, Thornton ER, J. Am. Chem. Soc. 1976, p1023

**2-O-Methyl-b-D-N-acetylneuraminic acid**[23755-35-3] C<sub>12</sub>H<sub>21</sub>NO<sub>9</sub> 323.3

MM06496

5mg	\$175.00
10mg	\$300.00
25mg	\$650.00

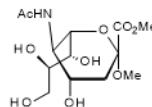
**2-O-Methyl-b-D-N-acetylneuraminic acid methyl ester**

• Methyl (methyl 5-acetamido-3,5-dideoxy-D-glycero-b-D-galacto-non-2-ulopyranosid)onate

[6730-43-4] C<sub>13</sub>H<sub>23</sub>NO<sub>9</sub> 337.32

MM04891

500mg	\$625.00
1g	\$1050.00
2g	\$1950.00

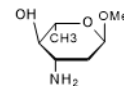
**Methyl a-L-acosamine**

• Methyl-L-acosaminide, acosamine methyl glycoside

[54623-23-3] C<sub>7</sub>H<sub>15</sub>NO<sub>3</sub> 161.2

MM06134

10 mg	\$105.00
25 mg	\$210.00
50 mg	\$367.50



Refs: Vovkulich PM, Uskokovic MR, J. Am. Chem. Soc. 1981, Vol103, p3956-3958

**Methyl-L-acosaminide, acosamine methyl glycoside**see *Methyl a-L-acosamine*, MM06134 on page 374**Methyl 5-aldo-2,3-O-isopropylidene-D-ribofuranoside**

MM46384

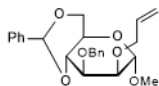
500mg	\$3000.00
1g	\$4800.00



**Methyl 2-O-allyl-3-O-benzyl-4,6-O-benzylidene-a-D-mannopyranoside**[210297-54-4] C<sub>24</sub>H<sub>28</sub>O<sub>6</sub> 412.48

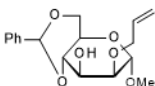
MM04890

250mg	\$367.50
500mg	\$475.00
1g	\$735.00

**Methyl 2-O-allyl-4,6-O-benzylidene-a-D-mannopyranoside**[82228-09-9] C<sub>17</sub>H<sub>22</sub>O<sub>6</sub> 322.35

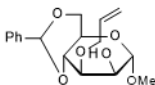
MM04894

250mg	\$262.50
500mg	\$370.00
1g	\$525.00

**Methyl 3-O-allyl-4,6-O-benzylidene-a-D-mannopyranoside**[82228-10-2] C<sub>17</sub>H<sub>22</sub>O<sub>6</sub> 322.35

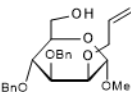
MM04893

250mg	\$420.00
500mg	\$525.00
1g	\$735.00

**Methyl 2-O-allyl-3,4-di-O-benzyl-a-D-mannopyranoside**[210297-56-6] C<sub>24</sub>H<sub>30</sub>O<sub>6</sub> 414.49

MM04892

250mg	\$367.50
500mg	\$475.00
1g	\$787.50

**Methyl a-D-altropyranoside**[29411-57-2] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM32004

1g	\$997.50
2g	\$1575.00
5g	\$2362.50

**Methyl b-D-altropyranoside**[51224-38-5] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

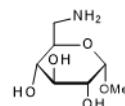
MM34073

1g	\$3500.00
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**Methyl 6-amino-7-chloro-6,7,8-trideoxy-1-thio-D-erythro-a-D-galactooctopyranoside**see *Methyl 7-chloro-7-deoxy-1-thiolincosaminide*, MM16794 on page 384**Methyl 6-amino-6-deoxy-a-D-glucopyranoside**[5155-47-5] C<sub>7</sub>H<sub>15</sub>NO<sub>5</sub> 193.2

MM08031

500mg	\$250.00
1g	\$325.00
2g	\$625.00

**Methyl 2-amino-2-deoxy-b-D-glucopyranoside HCl**C<sub>7</sub>H<sub>16</sub>ClNO<sub>5</sub> 229.66

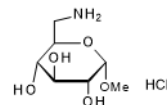
MM03160

500mg	\$75.00
1g	\$90.00
2g	\$150.00

**Methyl 6-amino-6-deoxy-a-D-glucopyranoside HCl**[14257-74-0] C<sub>7</sub>H<sub>15</sub>NO<sub>5</sub>·HCl 229.66

MM05076

250mg	\$262.50
500mg	\$475.00
1g	\$787.50



Refs: Benito JM, Mellet CO, Sadalapure K, Lindhorst T, Defaye J, Fernandez JMG, , Carbohydr. Res, 1999, 320, 1, p37

**Methylaminod****Methyl 2-amino-2-deoxy-a-D-mannopyranoside**[50991-93-0] C<sub>7</sub>H<sub>15</sub>NO<sub>5</sub> 193.2

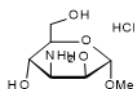
MM159058

Price On Application

**Methyl 3-amino-3-deoxy-a-D-mannopyranoside HCl**[14133-35-8] C<sub>7</sub>H<sub>15</sub>NO<sub>5</sub>·HCl 229.66

MM02512

1g	\$165.00
2g	\$260.00
5g	\$600.00

**Methyl 5-amino-5-deoxy-a-D-ribofuranoside**[262600-85-1] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub> 163.17

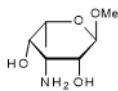
MM31934

Price On Application

**Methyl 3-amino-3,6-dideoxy-a-L-taloside**C<sub>7</sub>H<sub>13</sub>NO<sub>4</sub> 177.2

MM09026

1mg	\$262.50
2mg	\$420.00
5mg	\$787.50

**Methyl 6-amino-6,8-dideoxy-1-thio-D-erythro-a-D-galacto-octopyranoside**see *Methyl 1-thiolincosaminide*, MM16786 on page 417**1-a-Methylaminotriptyl-2-deoxy-3,5-di-O-toluoyl-D-ribose**

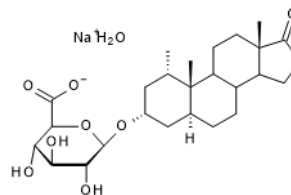
MM145898

10mg	\$50.00
25mg	\$115.00
50mg	\$210.00

**1-a-Methyl-5-a-androstan-3-a-ol-17-one glucuronide**C<sub>28</sub>H<sub>39</sub>O<sub>8</sub>·Na·H<sub>2</sub>O 520.59

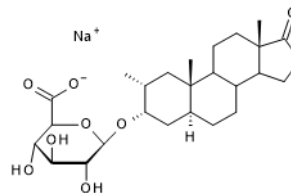
MM11461

1mg \$262.50

**2-a-Methyl-5-a-androstan-3-a-ol-17-one glucuronide**C<sub>28</sub>H<sub>39</sub>O<sub>8</sub>·Na 502.57

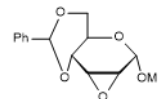
MM11462

1mg \$262.50

**Methyl 2,3-anhydro-4,6-O-benzylidene-a-D-allopyranose**[3150-15-0] C<sub>14</sub>H<sub>16</sub>O<sub>5</sub> 264.27

MM04020

1g	\$100.00
2g	\$180.00
5g	\$400.00

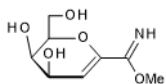




**Methyl 2,6-anhydro-3-deoxy-D-lyxo-hept-2-enonimidate**[180336-28-1] C<sub>8</sub>H<sub>13</sub>NO<sub>5</sub> 203.19

MM01920

1g	\$420.00
2g	\$682.50
5g	\$1365.00

**Methyl D-arabinofuranoside**[79083-42-4] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM31839

1g	\$50.00
2g	\$90.00
5g	\$200.00

**Methyl 3,6-anhydro-α-D-galactopyranoside**[5540-31-8] C<sub>7</sub>H<sub>12</sub>O<sub>5</sub> 176.17

MM05347

25mg	\$85.00
50mg	\$160.00
100mg	\$250.00

**Methyl α-L-arabinopyranoside**

[3945-28-6]

MM11474

500mg	\$1500.00
1g	\$1950.00

**Methyl 2,3-anhydro-β-D-ribose**[3150-13-8] C<sub>6</sub>H<sub>10</sub>O<sub>4</sub> 146.1

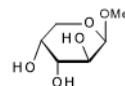
MM05248

5g	\$1312.50
10g	\$2100.00
25g	\$3937.50

**Methyl β-D-arabinopyranoside**[5328-63-2] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM04721

1g	\$50.00
2g	\$90.00
5g	\$175.00

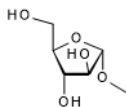


Refs: Sulphioe D, Choline A, Benzoate M, Organis Resonance, 5, 7, pA5

**Methyl α-D-arabinofuranoside**[56607-40-0] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM10675

1g	\$65.00
2g	\$105.00
5g	\$195.00

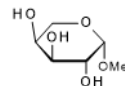
**Methyl β-L-arabinopyranoside**

• Methyl β-arabinoside

[1825-00-9] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM05638

500mg	\$50.00
1g	\$80.00
2g	\$120.00



Refs: Evtushenko EV, Ovodov YS, Chem. Nat. Compd. 1978, Vol13, No6, p634-636

**Methyl α-L-arabinofuranoside**

MM11909

Price On Application



## Methylarabin

## Methyl beta-L-arabinopyranoside

[3795-69-5] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM66639

500mg	\$65.00
1g	\$100.00
2g	\$170.00



## Methyl b-arabinoside

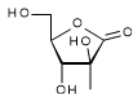
see *Methyl b-L-arabinopyranoside*, MM05638 on page 377

## 2-C-Methyl-D-arabono-1,4-lactone

C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MM10516

2g	\$672.00
5g	\$1365.00
10g	\$1680.00

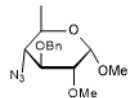


## Methyl 4-azido-3-O-benzyl-4,6-dideoxy-2-O-methyl-a-D-glucopyranoside

[861819-28-5] C<sub>15</sub>H<sub>21</sub>N<sub>3</sub>O<sub>4</sub> 307.35

MM09719

5mg	\$126.00
10mg	\$210.00
25mg	\$446.50



## Methyl 2-azido-2-deoxy-3-O-benzyl-6-O-benzoyl-a-D-glucopyranoside

[501088-17-1] C<sub>21</sub>H<sub>22</sub>N<sub>3</sub>O<sub>6</sub> 412.42

MM04158

Price On Application



## Methyl 6-azido-6-deoxy-2,3-di-O-benzyl-a-D-glucopyranoside

[54522-58-6] C<sub>21</sub>H<sub>25</sub>N<sub>3</sub>O<sub>5</sub> 399.18

MM03807

Price On Application

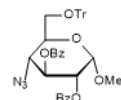


## Methyl 4-azido-2,3-di-O-benzoyl-4-deoxy-6-O-trityl-a-D-glucopyranoside

[28511-50-2] C<sub>40</sub>H<sub>35</sub>N<sub>3</sub>O<sub>7</sub> 669.72

MM08551

250mg	\$50.00
500mg	\$75.00
1g	\$100.00

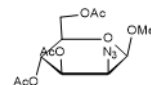


## Methyl 2-azido-3,4,6-tri-O-acetyl-2-deoxy-b-D-mannopyranoside

C<sub>13</sub>H<sub>19</sub>N<sub>3</sub>O<sub>8</sub> 345.31

MM06677

50mg	\$84.00
100mg	\$158.00
250mg	\$262.50



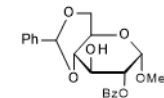
## Methyl 2-O-benzoyl-4,6-O-benzylidene-a-D-glucopyranoside

• Methyl 4,6-O-benzylidene-2-O-benzoyl-a-D-glucopyranoside

[28642-64-0] C<sub>21</sub>H<sub>22</sub>O<sub>7</sub> 386.4

MM04895

100mg	\$126.00
250mg	\$205.00
500mg	\$380.00



## Methyl-5-O-benzoyl-2-chloro-2,3-dideoxy-3-fluoro-D-ribofuranoside

C<sub>13</sub>H<sub>14</sub>ClFO<sub>4</sub> 288.7

MM30129

Price On Application

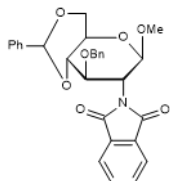


M

**Methyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranose**[97276-96-5] C<sub>29</sub>H<sub>27</sub>NO<sub>7</sub> 501.53

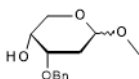
MM06785

250mg	\$197.50
500mg	\$265.00
1g	\$420.00

**Methyl 3-O-benzyl-2-deoxy-D-arabinopyranoside**C<sub>13</sub>H<sub>18</sub>O<sub>4</sub> 238.28

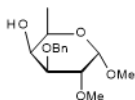
MM08075

Price On Application

**Methyl 3-O-benzyl-6-deoxy-2-O-methyl-a-D-galactopyranoside**[110594-91-7] C<sub>15</sub>H<sub>22</sub>O<sub>5</sub> 282.34

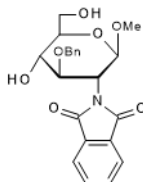
MM09720

5mg	\$99.80
10mg	\$189.00
25mg	\$394.00

**Methyl 3-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside**[97242-85-8] C<sub>22</sub>H<sub>23</sub>NO<sub>7</sub> 413.42

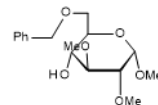
MM04896

25mg	\$420.00
50mg	\$630.00
100mg	\$840.00

**Methyl 6-O-benzyl-2,3-di-O-methyl-a-D-glucopyranoside**[106220-89-7] C<sub>18</sub>H<sub>24</sub>O<sub>6</sub> 312.37

MM07453

25g	\$367.50
50g	\$630.00
100g	\$1050.00

**Methyl 3-O-benzyl-D-glucopyranoside**

[81371-52-0]

MM44542

Price On Application

**Methyl-4,6-O-benzylidene-2-amino-b-D-mannopyranoside**

[26505-61-2]

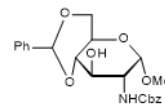
MM31845

Price On Application

**Methyl 4,6-O-benzylidene-2-O-benzoyl-a-D-glucopyranoside**see *Methyl 2-O-benzoyl-4,6-O-benzylidene-a-D-glucopyranoside*, MM04895 on page 378**Methyl 4,6-O-benzylidene-2-benzoyloxycarbonylamino-2-deoxy-a-D-glucopyranoside**C<sub>22</sub>H<sub>25</sub>NO<sub>7</sub> 415.44

MM10324

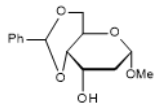
Price On Application



**Methylbenzyl****Methyl 4,6-O-benzylidene-2-deoxy- $\alpha$ -D-allopyranoside**C<sub>14</sub>H<sub>18</sub>O<sub>5</sub> 266.29

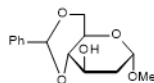
MM137436

Price On Application

**Methyl 4,6-O-benzylidene-2-deoxy- $\alpha$ -D-glucopyranoside**C<sub>14</sub>H<sub>18</sub>O<sub>5</sub> 266.3

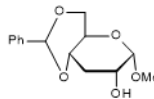
MM08070

Price On Application

**Methyl 4,6-O-benzylidene-3-deoxy- $\alpha$ -D-glucopyranoside**[65530-28-1] C<sub>14</sub>H<sub>18</sub>O<sub>5</sub> 266.29

MM03760

250mg	\$172.50
500mg	\$185.00
1g	\$262.50

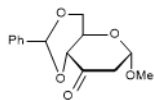


Refs: CL Stevens, KW Schultze, DJ Smith, PM Pillai, J. Org. Chem, 1975, 40, 25, p3704

**Methyl 4,6-O-benzylidene-2-deoxy- $\alpha$ -D-glucopyranosid-3-ulose**C<sub>14</sub>H<sub>16</sub>O<sub>5</sub> 264.27

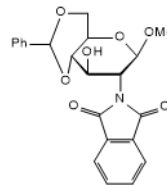
MM08072

Price On Application

**Methyl 4,6-O-benzylidene-2-deoxy-2-phthalimido- $\beta$ -D-glucopyranoside**[97276-95-4] C<sub>22</sub>H<sub>21</sub>NO<sub>7</sub> 411.42

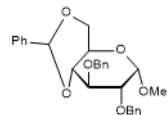
MM09724

100mg	\$95.00
250mg	\$172.50
500mg	\$265.00

**Methyl 4,6-O-benzylidene-2,3-di-O-benzyl- $\alpha$ -D-glucopyranoside**[13225-19-9] C<sub>28</sub>H<sub>30</sub>O<sub>6</sub> 462.53

MM06083

5g	\$210.00
10g	\$315.00
25g	\$525.00

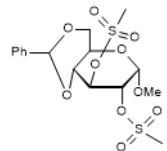


Refs: P Kapferer, F Sarabia, A Vasella, Helvetica Chimica Acta, 1999 Volume 82, Issue 5, Pages 645 - 656

**Methyl 4,6-O-benzylidene-2,3-di-O-methanesulfonyl- $\alpha$ -D-glucopyranoside**C<sub>18</sub>H<sub>22</sub>O<sub>10</sub>S<sub>2</sub> 438.47

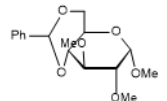
MM08067

Price On Application

**Methyl 4,6-O-benzylidene-2,3-di-O-methyl- $\alpha$ -D-glucopyranoside**[3051-89-6] C<sub>18</sub>H<sub>22</sub>O<sub>6</sub> 310.35

MM07452

2g	\$210.00
5g	\$420.00
10g	\$735.00

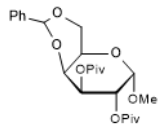


M

**Methyl 4,6-O-benzylidene-2,3-di-O-pivaloyl-a-D-galactopyranoside**C<sub>24</sub>H<sub>34</sub>O<sub>8</sub> 450.53

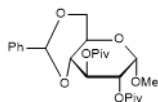
MM08897

Price On Application

**Methyl 4,6-O-benzylidene-2,3-di-O-pivaloyl-a-D-glucopyranoside**[112317-67-6] C<sub>24</sub>H<sub>34</sub>O<sub>8</sub> 450.53

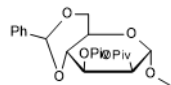
MM08898

Price On Application

**Methyl 4,6-O-benzylidene-2,3-di-O-pivaloyl-a-D-mannopyranoside**C<sub>24</sub>H<sub>34</sub>O<sub>8</sub> 450.53

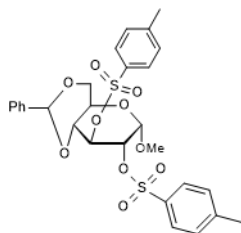
MM08899

Price On Application

**Methyl 4,6-O-benzylidene-2,3-di-O-p-toluenesulfonyl-a-D-glucopyranoside**[70774-92-4] C<sub>28</sub>H<sub>30</sub>O<sub>10</sub>S<sub>2</sub> 590.67

MM08066

5g	\$315.00
10g	\$525.00
25g	\$1050.00

**Methyl 4,6-O-benzylidene-2,3-di-O-(tosyl)-alpha-D-glucopyranoside**

[6884-01-1]

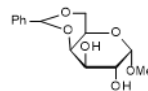
MM70328

1g	\$50.00
2g	\$90.00
5g	\$200.00

**Methyl 4,6-O-benzylidene-a-D-galactopyranoside**[72904-85-9] C<sub>14</sub>H<sub>18</sub>O<sub>6</sub> 282.29

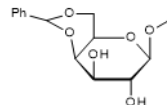
MM08064

1g	\$194.30
2g	\$252.00
5g	\$420.00

**Methyl 4,6-O-benzylidene-b-D-galactopyranoside**[6988-39-2] C<sub>14</sub>H<sub>18</sub>O<sub>6</sub> 282.29

MM06673

5g	\$136.50
10g	\$210.00
25g	\$399.00

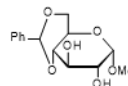
**Methyl 4,6-O-benzylidene-a-D-glucopyranoside**

• 4,6-O-Benzylidene methyl-a-D-glucopyranoside

[3162-96-7] C<sub>14</sub>H<sub>18</sub>O<sub>6</sub> 282.29

MM05176

25g	\$70.00
50g	\$120.00
100g	\$190.00



Refs: van Cleve JW, Carbohydr. Res. 1971, 17, p461-4



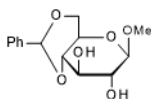
## Methylbenzyl

## Methyl 4,6-O-benzylidene-b-D-glucopyranoside

[14155-23-8] C<sub>14</sub>H<sub>18</sub>O<sub>6</sub> 282.29

MM02818

5g	\$115.50
10g	\$210.00
25g	\$446.50



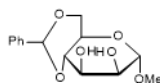
Refs: Khan R, Patel G, Carbohydr. Res. 1990, Sep 19, 205, 211-23

## Methyl 4,6-O-benzylidene-a-D-mannopyranoside

[4148-58-7] C<sub>14</sub>H<sub>18</sub>O<sub>6</sub> 282.29

MM05675

1g	\$126.00
2g	\$220.00
5g	\$420.00



Refs: Bhattacharyya T, Basu S, Indian J. Chem. Sect. B 1996, Vol35, No4, p397-398

## Methyl 4,6-benzylidene-3-O-methyl-a-D-mannopyranoside

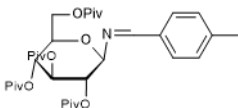
see 4,6-O-Benzylidene-1,3-di-O-methyl-a-D-mannopyranoside, MB06128 on page 113

## N-(4-Methylbenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside

C<sub>34</sub>H<sub>51</sub>NO<sub>9</sub> 617.77

MM08443

Price On Application

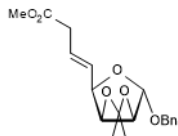


## Methyl 1-O-benzyl-2,3-O-isopropylidene-a-D-manno-hept-5-enofuranoside

C<sub>19</sub>H<sub>24</sub>O<sub>6</sub> 348.39

MM04897

250mg	\$367.50
500mg	\$525.00
1g	\$735.00

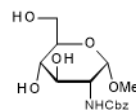


## Methyl 2-benzoyloxycarbonylamino-2-deoxy-a-D-glucopyranoside

C<sub>15</sub>H<sub>21</sub>NO<sub>7</sub> 327.33

MM10326

Price On Application

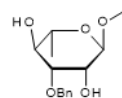


## Methyl 3-O-benzyl-a-L-rhamnopyranoside

[75336-82-2] C<sub>14</sub>H<sub>20</sub>O<sub>5</sub> 268.31

MM08857

Price On Application

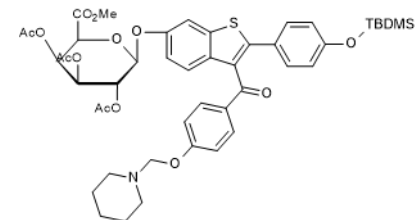


## Methyl 1-(4'-tert-butylidimethylsilyl-6-hydroxyraloxifene)-2,3,4-tri-O-acetyl-b-D-glycopyranuronate

C<sub>48</sub>H<sub>55</sub>NO<sub>13</sub>Si 890.08

MM04900

1mg	\$315.00
2mg	\$472.50
5mg	\$945.00

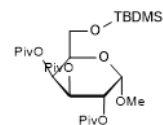


## Methyl 6-O-tert-butylidimethylsilyl-2,3,4-tri-O-pivaloyl-a-D-galactopyranoside

C<sub>28</sub>H<sub>52</sub>O<sub>9</sub>Si 560.81

MM09222

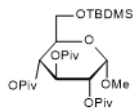
Price On Application



**Methyl 6-O-tert-butyltrimethylsilyl-2,3,4-tri-O-pivaloyl-a-D-glucopyranoside**C<sub>28</sub>H<sub>52</sub>O<sub>8</sub>Si 560.81

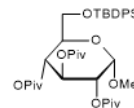
MM08867

Price On Application

**Methyl 6-O-tert-butyltrimethylsilyl-2,3,4-tri-O-pivaloyl-a-D-glucopyranoside**C<sub>38</sub>H<sub>56</sub>O<sub>8</sub>Si 684.95

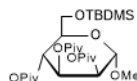
MM08870

Price On Application

**Methyl 6-O-tert-butyltrimethylsilyl-2,3,4-tri-O-pivaloyl-a-D-mannopyranoside**C<sub>28</sub>H<sub>52</sub>O<sub>8</sub>Si 560.81

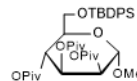
MM08868

Price On Application

**Methyl 6-O-tert-butyltrimethylsilyl-2,3,4-tri-O-pivaloyl-a-D-mannopyranoside**C<sub>38</sub>H<sub>56</sub>O<sub>8</sub>Si 684.95

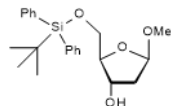
MM08871

Price On Application

**Methyl 5-O-(tert-butyltrimethylsilyl)-2-deoxy-b-D-ribofuranoside**[130144-86-4] C<sub>22</sub>H<sub>30</sub>O<sub>4</sub>Si 386.56

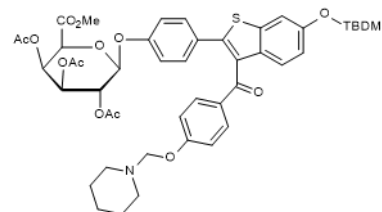
MM06067

Price On Application

**Methyl 1-(6-tert-butyltrimethylsilyl-4'-hydroxyaloxifene)-2,3,4-tri-O-acetyl-b-D-glycopyranuronate**C<sub>48</sub>H<sub>55</sub>NO<sub>13</sub>Si 890.08

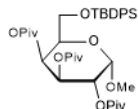
MM06693

1mg	\$315.00
2mg	\$525.00
5mg	\$840.00

**Methyl 6-O-tert-butyltrimethylsilyl-2,3,4-tri-O-pivaloyl-a-D-galactopyranoside**C<sub>38</sub>H<sub>56</sub>O<sub>8</sub>Si 684.95

MM08869

Price On Application

**Methyl 5-N,4-O-Carbonyl-3,5-dideoxy-2-S-phenyl-2-thio-D-glycero-b-D-galacto-2-nonulopyranosylonate**

• Methyl (Phenyl 5-N,4-O-Carbonyl-3,5-dideoxy-2-thio-D-glycero-b-D-galacto-2-nonulopyranosid)onate

[934591-79-4] C<sub>17</sub>H<sub>21</sub>NO<sub>8</sub>S 399.42

MM60571

50mg	\$48.00
100mg	\$84.00
250mg	\$168.00

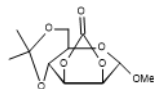


## Methylcarbon

Methyl 2,3-O-carbonyl-4,6-O-isopropylidene- $\alpha$ -D-mannopyranoside[74948-73-5] C<sub>11</sub>H<sub>16</sub>O<sub>7</sub> 260.25

MM09718

100mg	\$95.00
250mg	\$157.50
500mg	\$265.00

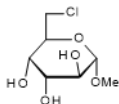


## 3-O-Methyl-D-chiro-inositol

see *D-Pinitol*, MP04042 on page 476Methyl 6-chloro-6-deoxy- $\alpha$ -D-altropyranosideC<sub>7</sub>H<sub>13</sub>ClO<sub>5</sub> 212.63

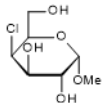
MM08880

Price On Application

Methyl 4-chloro-4-deoxy- $\alpha$ -D-galactopyranosideC<sub>7</sub>H<sub>13</sub>ClO<sub>5</sub> 212.63

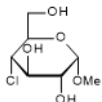
MM08844

Price On Application

Methyl 4-chloro-4-deoxy- $\alpha$ -D-glucopyranosideC<sub>7</sub>H<sub>13</sub>ClO<sub>5</sub> 212.63

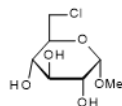
MM08845

Price On Application

Methyl 6-chloro-6-deoxy- $\alpha$ -D-glucopyranosideC<sub>7</sub>H<sub>13</sub>ClO<sub>5</sub> 212.63

MM08881

Price On Application

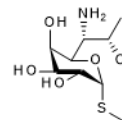


## Methyl 7-chloro-7-deoxy-1-thiolicosaminide

• Methyl 6-amino-7-chloro-6,7,8-trideoxy-1-thio-D-erythro- $\alpha$ -D-galacto-octopyranoside[22965-79-3] C<sub>9</sub>H<sub>16</sub>ClNO<sub>4</sub>S 271.76

MM16794

10mg	\$80.00
25mg	\$125.00
50mg	\$150.00



Refs: Alexander, J, et al, J. Med. Chem, 39, 480 (1996)

Methyl 1-C-[4-chloro-3-[[4-[[[(3S)-tetrahydro-3-furanyl]oxy]phenyl]methyl]phenyl]- $\alpha$ -D-glucopyranoside[1279691-36-9] C<sub>24</sub>H<sub>29</sub>ClO<sub>8</sub> 480.93

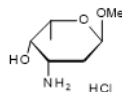
MM137435

10g	\$195.00
20g	\$300.00

Methyl 7-Chloro-6,7,8-trideoxy-6-[[[(2S)-2,3-dihydro-1-methyl-4-propyl-1H-pyrrol-2-yl]carbonyl]amino]-1-thio-L-threo- $\alpha$ -D-galactooctopyranosidesee *Dehydroclindamycin*, MD46888 on page 161Methyl  $\alpha$ -L-daunosamide HCl[32385-06-1] C<sub>7</sub>H<sub>15</sub>NO<sub>3</sub>·HCl 197.66

MM05343

10mg	\$185.00
25mg	\$425.00
50mg	\$800.00



Refs: Wovkulich PM, Uskokovic MR, J. Am. Chem. Soc. 1981, Vol103, p3956-3958

## Methyl L-daunosamine HCl

see *L-Daunosamine-b-methylglycoside hydrochloride*, MD44774 on page 159

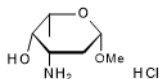
M



**Methyl b-L-daunosaminide HCl**[115388-97-1] C<sub>7</sub>H<sub>13</sub>NO<sub>3</sub>·HCl 197.66

MM04967

25mg	\$163.00
50mg	\$294.00
100mg	\$536.00

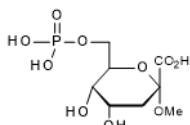


Refs: Wovkulich PM, Uskokovic MR, J. Am. Chem. Soc. 1981, Vol103, p3956-3958

**Methyl 3-deoxy-D-arabino-heptulopyranoside-7-phosphate**CaH<sub>15</sub>O<sub>10</sub>P 302.17

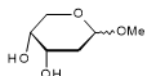
MM06777

10mg	\$577.50
25mg	\$892.50
50mg	\$1260.00

**Methyl 2-deoxy-D-arabinopyranoside**[96038-80-1] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM08074

Price On Application

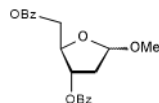
**Methyl 2-deoxy-3,5-di-O-benzoyl-D-erythro-pentofuranoside**see *Methyl 2-deoxy-3,5-di-O-benzoyl-D-ribofuranoside*, MM04117 on page 385**Methyl 2-deoxy-3,5-di-O-benzoyl-D-ribofuranoside**

• Methyl 2-deoxy-3,5-di-O-benzoyl-D-erythro-pentofuranoside

[108647-88-7] C<sub>20</sub>H<sub>20</sub>O<sub>6</sub> 356.37

MM04117

1g	\$145.00
2g	\$270.00
5g	\$600.00

**Methyl 2-deoxy-3,5-bis-O-(3,5-dichlorophenyl)-2E-(fluoromethylene)-a-D-erythro-pentofuranoside**[159944-91-9] C<sub>19</sub>H<sub>15</sub>Cl<sub>4</sub>FO<sub>4</sub> 468.13

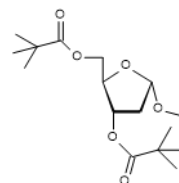
MM06048

Price On Application

**Methyl 2-deoxy-3,5-di-O-pivaloyl-a-D-ribofuranoside**C<sub>16</sub>H<sub>28</sub>O<sub>6</sub> 316.39

MM06171

100mg	\$137.00
200mg	\$210.00
500mg	\$420.00

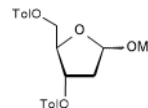
**Methyl 2-deoxy-3,5-di-O-toluoyl-D-ribofuranoside**

• Dicitabine impurity 2

[4330-34-1] C<sub>22</sub>H<sub>24</sub>O<sub>6</sub> 384.42

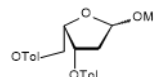
MM04120

1g	\$45.00
2g	\$70.00
5g	\$120.00

**Methyl 2-deoxy-3,5-di-O-toluoyl-L-ribofuranoside**C<sub>22</sub>H<sub>24</sub>O<sub>6</sub> 384.43

MM09368

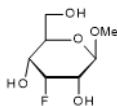
1g	\$84.00
2g	\$157.50
5g	\$262.50

**Methyl 2-deoxy-D-erythro-pentofuranoside**see *Methyl 2-deoxy-D-ribofuranoside*, MM05314 on page 388

**Methyldeoxyf****Methyl 3-deoxy-3-fluoro-b-D-allopyranoside**C<sub>7</sub>H<sub>13</sub>FO<sub>5</sub> 196.18

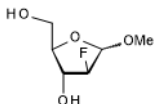
MM09028

Price On Application

**Methyl 2-deoxy-2-fluoro-D-arabinofuranoside**C<sub>6</sub>H<sub>11</sub>FO<sub>4</sub> 166.15

MM09315

Price On Application

**Methyl 2-deoxy-2-fluoro-L-arabinofuranoside**[913370-23-7][442514-57-0] C<sub>6</sub>H<sub>11</sub>FO<sub>4</sub> 166.15

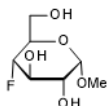
MM30534

10mg	\$75.00
25mg	\$130.00
50mg	\$210.00

**Methyl 4-deoxy-4-fluoro-a-D-glucose**[56926-53-5] C<sub>7</sub>H<sub>13</sub>FO<sub>5</sub> 196.17

MM04964

5mg	\$60.00
10mg	\$96.00
25mg	\$190.00

**Methyl 2-deoxy-2-fluoro-a-D-mannopyranoside**

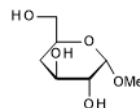
MM45602

Price On Application

**Methyl 6-deoxy-a-D-galactopyranoside**see *Methyl a-D-fucopyranoside*, MM06682 on page 398**Methyl 6-deoxy-a-L-galactopyranoside**see *Methyl a-L-fucopyranoside*, MM02387 on page 398**Methyl 4-deoxy-a-D-glucopyranoside**[13241-00-4] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.19

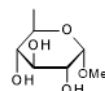
MM09716

5mg	\$157.50
10mg	\$262.50
25mg	\$472.50

**Methyl 6-deoxy-a-D-glucopyranoside**[5155-43-1][42214-11-9] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18

MM06845

500mg	\$100.00
1g	\$157.50
2g	\$262.50

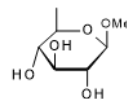


Refs: Jakinovich Jr W, . . Chemical Senses, 1985, 10, p591

**Methyl 6-deoxy-b-D-glucopyranoside**[6340-52-9] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18

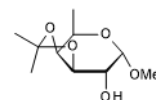
MM04982

25mg	\$150.00
50mg	\$250.00
100mg	\$450.00

**Methyl 6-deoxy-3,4-O-isopropylidene-a-D-galactopyranoside**[71772-35-5] C<sub>10</sub>H<sub>18</sub>O<sub>5</sub> 218.25

MM09722

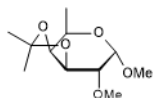
25mg	\$100.00
50mg	\$163.00
100mg	\$294.00



**Methyl 6-deoxy-3,4-O-isopropylidene-2-O-methyl- $\alpha$ -D-galactopyranoside**[74135-23-2] C<sub>11</sub>H<sub>20</sub>O<sub>5</sub> 232.28

MM09723

10mg	\$94.50
25mg	\$157.50
50mg	\$220.50

**Methyl 5-deoxy-2,3-O-isopropylidene- $\alpha$ -D-ribofuranoside**C<sub>8</sub>H<sub>16</sub>O<sub>4</sub> 188.22

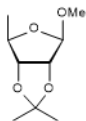
MM03972

Price On Application

**Methyl 5-deoxy-2,3-O-isopropylidene- $\beta$ -D-ribofuranoside**[23202-81-5] C<sub>9</sub>H<sub>16</sub>O<sub>4</sub> 188.22

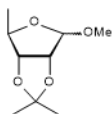
MM05297

Price On Application

**Methyl 5-deoxy-2,3-O-isopropylidene-D-ribofuranoside**[78341-97-6] C<sub>9</sub>H<sub>16</sub>O<sub>4</sub> 188.22

MM05349

25g	\$1625.00
50g	\$2750.00
100g	\$4500.00



Refs: Burnett LA, Howie RA, Garden SJ, Rufiano H, J. Chem. Res, 1998, p418

**Methyl 4-deoxy-2,3-O-isopropylidene-L-threonate**

- 4-Deoxy-2,3-O-isopropylidene-L-threonic acid methyl ester
- Methyl (2R,3S)-2,3-O-isopropylidene-2,3-dihydroxybutyrate
- Methyl (4R,5S)-2,2,5-trimethyl-1,3-dioxolane-4-carboxylate

[78086-72-3] C<sub>8</sub>H<sub>14</sub>O<sub>4</sub> 174.19

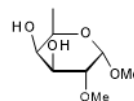
MM63236

1g	\$75.00
2g	\$120.00
5g	\$195.00

**Methyl 6-deoxy- $\alpha$ -D-mannopyranoside**see 1-O-Methyl  $\alpha$ -D-rhamnopyranoside, MM05367 on page 413**Methyl 6-deoxy- $\alpha$ -L-mannopyranoside**see Methyl  $\alpha$ -L-rhamnopyranoside, MM05579 on page 413**Methyl 6-deoxy-2-O-methyl- $\alpha$ -D-galactopyranoside**[59981-27-0] C<sub>8</sub>H<sub>16</sub>O<sub>5</sub> 192.21

MM09721

5mg	\$94.50
10mg	\$157.50
25mg	\$105.00

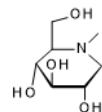
**N-Methyldeoxynojirimycin**

- 1,5-Dideoxy-1,5-imino-1-methyl-D-sorbitol
- N-Me-DNJ

[69567-10-8] C<sub>7</sub>H<sub>15</sub>NO<sub>4</sub> 177.2

MM04904

1mg	\$65.00
2mg	\$90.00
5mg	\$150.00

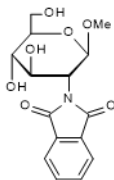


Refs: Karpas A, Fleet GW, Dwek RA, Petursson S, et al, Proc. Natl. Acad. Sci. USA 1988, Dec 85(23), 9229-9233

**Methyldeoxyp****Methyl 2-deoxy-2-phthalimido-b-D-glucopyranoside**[76101-14-9] C<sub>15</sub>H<sub>17</sub>NO<sub>7</sub> 323.3

MM04905

50mg	\$90.00
100mg	\$160.00
250mg	\$315.00

**Methyl 2-deoxy-2-N-phthalimido-3,4,6-tri-O-acetyl-b-D-glucopyranoside**see *Methyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside*, MM04928 on page 419

M

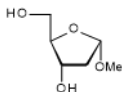
**Methyl 2-deoxy-a-D-ribofuranoside**

• Decitabine Impurity 1

[51255-17-5] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MM02893

Price On Application

**Methyl 2-deoxy-a-L-ribofuranoside**[144301-84-8] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MM02896

Price On Application

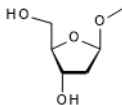
**Methyl 2-deoxy-b-D-ribofuranoside**

• (2R,3S,5S)-2-(Hydroxymethyl)-5-methoxyoxolan-3-ol

[51255-18-6] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MM02890

500mg	\$1800.00
1g	\$2340.00
2g	\$4290.00



Refs: Raap J, Van Boom JH, Van Lieshout HC, Haasnoot CAG, J. Am. Chem. Soc. 1988, 110, p2736

**Methyl 2-deoxy-b-L-ribofuranoside**[144301-85-9] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MM02895

Price On Application

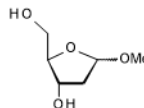
**Methyl 2-deoxy-D-ribofuranoside**

- Methyl 2-deoxy-D-erythro-pentofuranoside
- Methyl 2-deoxy-D-ribose

[60134-26-1] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MM05314

1g	\$45.00
2g	\$70.00
5g	\$140.00

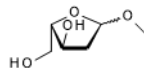


Refs: Hennen WJ, Sweers HM, Wang YF, Wong CH, J. Org. Chem. 1988, No53, p4939-4945

**Methyl 2-deoxy-L-ribofuranoside**[446251-73-6] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MM02891

500mg	\$100.00
1g	\$183.80
2g	\$315.00

**Methyl 2-deoxy-a-D-ribofuranoside diacetate**

MM03967

Price On Application



**Methyl 2-deoxy-a-D-ribofuranoside**

• Dicitabine Impurity 4

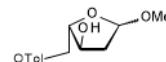
[6160-56-1] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MM74821

Price On Application

**Methyl 2-deoxy-5-O-toluoyl-L-ribofuranoside**C<sub>14</sub>H<sub>18</sub>O<sub>5</sub> 266.3

MM09369

1g \$84.00  
2g \$157.50  
5g \$262.50**Methyl 2-deoxy-b-D-ribofuranoside**

• Dicitabine Impurity 4

[17676-20-9] C<sub>6</sub>H<sub>12</sub>O<sub>4</sub> 148.16

MM74822

Price On Application

**Methyl 2-deoxy-2- (trifluoromethyl)-a-D-arabinofuranoside-diacetate**[159945-02-5] C<sub>11</sub>H<sub>15</sub>F<sub>3</sub>O<sub>6</sub> 300.23

MM03969

100mg \$2000.00  
250mg \$2600.00  
500mg \$4030.00**Methyl 2-deoxy-D-ribose**see *Methyl 2-deoxy-D-ribofuranoside*, MM05314 on page 388**Methyl 2-deoxy-2-sulfamino-a-D-glucopyranoside sodium salt**

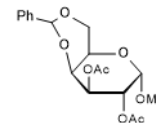
MM31292

Price On Application

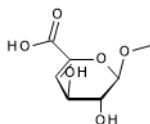
**Methyl 2,3-di-O-acetyl-4,6-O-benzylidene-a-D-galactopyranoside**[15451-81-7] C<sub>18</sub>H<sub>22</sub>O<sub>8</sub> 366.37

MM08890

Price On Application

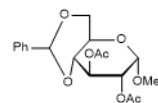
**Methyl-4-deoxy-a-L-threo-hex-4-enopyranosiduronic acid**[31718-88-4] C<sub>7</sub>H<sub>10</sub>O<sub>6</sub> 190.15

MM71673

1g \$1950.00  
2g \$2900.00**Methyl 2,3-di-O-acetyl-4,6-O-benzylidene-a-D-glucopyranoside**[4141-45-1] C<sub>18</sub>H<sub>22</sub>O<sub>8</sub> 366.37

MM08891

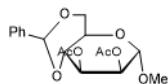
Price On Application



**Methyldiacet****Methyl 2,3-di-O-acetyl-4,6-O-benzylidene-a-D-mannopyranoside**[6748-84-1] C<sub>18</sub>H<sub>22</sub>O<sub>8</sub> 366.37

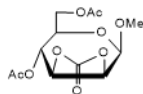
MM08892

Price On Application

**Methyl 4,6-di-O-acetyl-2,3-carbonyl-b-D-mannopyranoside**[53958-22-8] C<sub>12</sub>H<sub>16</sub>O<sub>9</sub> 304.25

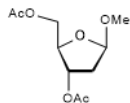
MM04926

250mg	\$210.00
500mg	\$315.00
1g	\$472.50

**Methyl 3,5-di-O-acetyl-2-deoxy-b-D-ribofuranoside**[62853-55-8] C<sub>10</sub>H<sub>16</sub>O<sub>6</sub> 232.23

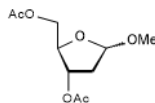
MM03696

Price On Application

**Methyl 3,5-di-O-acetyl-2-deoxy-D-ribofuranoside**[151767-35-0] C<sub>10</sub>H<sub>16</sub>O<sub>6</sub> 232.23

MM02889

Price On Application

**Methyl 3,5-di-O-acetyl-2-deoxy-2-(trifluoromethyl)-a-D-ribofuranoside**

[59945-02-5]

MM03971

Price On Application

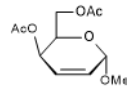
**Methyl 4,6-di-O-acetyl-2,3-didehydro-2,3-dideoxy-a-D-galactopyranoside**

• Methyl 4,6-di-O-acetyl-2,3-dideoxy-a-D-threo-hex-2-enopyranoside

[6605-29-4] C<sub>11</sub>H<sub>16</sub>O<sub>6</sub> 244.24

MM10398

250mg	\$172.50
500mg	\$265.00
1g	\$420.00

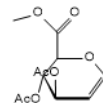
**Methyl 4,6-di-O-acetyl-2,3-dideoxy-a-D-threo-hex-2-enopyranoside**see *Methyl 4,6-di-O-acetyl-2,3-didehydro-2,3-dideoxy-a-D-galactopyranoside*, MM10398 on page 390**Methyl 3,4-di-O-acetyl-D-glucuronal**

• D-lyxo-Hex-5-enoic acid, 2,6-anhydro-5-deoxy-, methyl ester, 3,4-diacetate

[57690-62-7] C<sub>11</sub>H<sub>14</sub>O<sub>7</sub> 258.22

MM04027

100mg	\$90.00
250mg	\$157.50
500mg	\$265.00

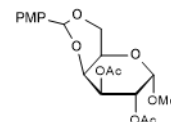


Refs: Lundt I, Thiem J, Prahst A, J. Org. Chem. 1984, Vol49, p3063-3069

**Methyl 2,3-di-O-acetyl-4,6-O-(4-methoxybenzylidene)-a-D-galactopyranoside**C<sub>19</sub>H<sub>24</sub>O<sub>9</sub> 396.4

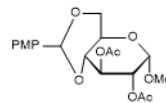
MM08901

Price On Application

**Methyl 2,3-di-O-acetyl-4,6-O-(4-methoxybenzylidene)-a-D-glucopyranoside**[52526-77-9] C<sub>19</sub>H<sub>24</sub>O<sub>9</sub> 396.4

MM08902

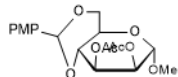
Price On Application



**Methyl 2,3-di-O-acetyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranoside**C<sub>19</sub>H<sub>24</sub>O<sub>9</sub> 396.4

MM08903

Price On Application

**Methyl 3,5-di-O-acetyl-2-C-(trifluoromethyl)-a-D-ribofuranoside**[159944-99-7] C<sub>11</sub>H<sub>15</sub>F<sub>3</sub>O<sub>7</sub> 316.23

MM03968

Price On Application

**Methyl 2,3-di-O-acetyl-b-D-xylopyranoside**[70003-50-8] C<sub>10</sub>H<sub>16</sub>O<sub>7</sub> 248.2

MM05742

5g	\$1837.50
10g	\$3150.00
25g	\$6037.50

**Methyl 2,4-di-O-acetyl-b-D-xylopyranoside**[74162-08-6] C<sub>10</sub>H<sub>16</sub>O<sub>7</sub> 248.2

MM05240

5g	\$1575.00
10g	\$2625.00
25g	\$5906.50

**Methyl 3,4-di-O-acetyl-b-D-xylopyranoside**[63629-70-9] C<sub>10</sub>H<sub>16</sub>O<sub>7</sub> 248.2

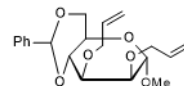
MM05245

5g	\$1575.00
10g	\$2625.00
25g	\$5906.50

**Methyl 2,3-di-O-allyl-4,6-O-benzylidene-a-D-mannopyranoside**[359437-00-6] C<sub>20</sub>H<sub>26</sub>O<sub>6</sub> 362.42

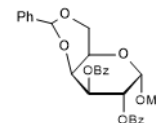
MM06791

1g	\$577.50
2g	\$840.00
5g	\$1260.00

**Methyl 2,3-di-O-benzoyl-4,6-O-benzylidene-a-D-galactopyranoside**[6953-72-6] C<sub>28</sub>H<sub>26</sub>O<sub>8</sub> 490.51

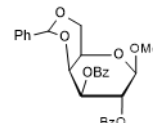
MM08893

Price On Application

**Methyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-galactopyranoside**[53598-03-1] C<sub>28</sub>H<sub>26</sub>O<sub>8</sub> 490.5

MM04181

50mg	\$210.00
100mg	\$315.00
250mg	\$630.00

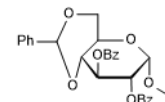


Refs: Hu G, Vasella A, Helv. Chim. Acta 2002, Vol85, Issue 12, p4369-4391

**Methyl 2,3-di-O-benzoyl-4,6-O-benzylidene-a-D-glucopyranoside**[6748-91-0] C<sub>28</sub>H<sub>26</sub>O<sub>8</sub> 490.5

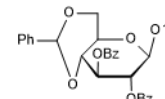
MM07937

2g	\$99.80
5g	\$210.00
10g	\$367.50

**Methyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-glucopyranoside**[56253-32-8] C<sub>28</sub>H<sub>26</sub>O<sub>8</sub> 490.5

MM07120

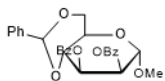
2g	\$105.00
5g	\$210.00
10g	\$367.50



**Methylidibenz****Methyl 2,3-di-O-benzoyl-4,6-O-benzylidene-a-D-mannopyranoside**[6748-85-2] C<sub>28</sub>H<sub>26</sub>O<sub>8</sub> 490.51

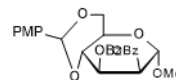
MM08894

1g	\$588.00
2g	\$798.00
5g	\$1102.50

**Methyl 2,3-di-O-benzoyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranoside**C<sub>29</sub>H<sub>28</sub>O<sub>9</sub> 520.54

MM08906

Price On Application

**Methyl (1,2-Di-O-benzoyl-3-O-benzyl-a-L-idopyranosyluronate)**C<sub>28</sub>H<sub>26</sub>O<sub>9</sub> 506.5

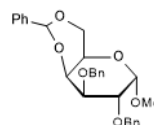
MM29794

Price On Application

**Methyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-galactopyranoside**[29600-81-5] C<sub>28</sub>H<sub>30</sub>O<sub>6</sub> 462.55

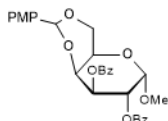
MM08895

Price On Application

**Methyl 2,3-di-O-benzoyl-4,6-O-(4-methoxybenzylidene)-a-D-galactopyranoside**C<sub>29</sub>H<sub>28</sub>O<sub>9</sub> 520.54

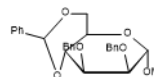
MM08904

Price On Application

**Methyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-mannopyranoside**[51842-18-3] C<sub>28</sub>H<sub>30</sub>O<sub>6</sub> 462.55

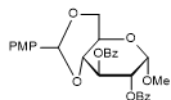
MM08896

1g	\$585.00
2g	\$1000.00
5g	\$1235.00

**Methyl 2,3-di-O-benzoyl-4,6-O-(4-methoxybenzylidene)-a-D-glucopyranoside**[273397-25-4] C<sub>29</sub>H<sub>28</sub>O<sub>9</sub> 520.54

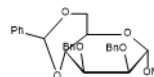
MM08905

Price On Application

**Methyl 2,3-di-O-benzyl-6-deoxy-a-D-glucopyranoside**[56750-58-4] C<sub>21</sub>H<sub>26</sub>O<sub>5</sub> 358.18

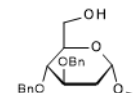
MM03801

Price On Application

**Methyl 3,4-di-O-benzyl-2-deoxy-a-D-glucopyranoside**C<sub>21</sub>H<sub>26</sub>O<sub>5</sub> 358.43

MM08078

Price On Application

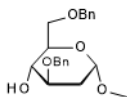




**Methyl 3,6-di-O-benzyl-2-deoxy-a-D-glucopyranoside**C<sub>21</sub>H<sub>26</sub>O<sub>5</sub> 358.43

MM08077

Price On Application

**Methyl 2,3-di-O-benzyl-5-deoxy-5-iodo-D-xylofuranoside**

[869476-25-5]

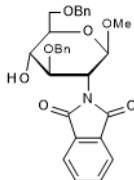
MM31842

Price On Application

**Methyl 3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside**[97242-79-0] C<sub>29</sub>H<sub>29</sub>NO<sub>7</sub> 503.54

MM04933

250mg	\$367.50
500mg	\$525.00
1g	\$735.00

**Methyl 3,5-di-O-benzyl-2-deoxy-D-threo-pentofuranoside**see *Methyl 3,5-di-O-benzyl-D-xylofuranoside*, MM04127 on page 394**Methyl 2,3-di-O-benzyl-a-D-galactopyranoside**

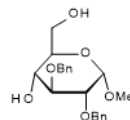
MM46570

Price On Application

**Methyl 2,3-di-O-benzyl-a-D-glucopyranoside**[17791-36-5] C<sub>21</sub>H<sub>26</sub>O<sub>6</sub> 374.43

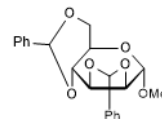
MM03796

1g	\$70.00
2g	\$90.00
5g	\$175.00

**Methyl 2,3:4,6-di-O-benzylidene-a-D-mannopyranoside**[4148-71-4][71484-87-2] C<sub>21</sub>H<sub>22</sub>O<sub>6</sub> 370.4

MM06663

2g	\$100.00
5g	\$150.00
10g	\$225.00

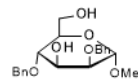


Refs: Grishkovets VI, Zemlyakov AE, Chirva VY, Chem. Nat. Compd. 1983, Vol18, No1, p112-113

**Methyl 2,4-di-O-benzyl-a-D-mannopyranoside**[67381-29-7] C<sub>21</sub>H<sub>26</sub>O<sub>6</sub> 374.43

MM00257

250mg	\$420.00
500mg	\$790.00
1g	\$1207.50

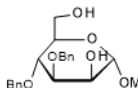


Refs: Mikkelsen LM, Krintel SL, Jimenez-Barbero J, et al, Chem. Commun. R. Soc. Chem. 2000, Pt23, p2319-2320

**Methyl 3,4-di-O-benzyl-a-D-mannopyranoside**[79218-87-4] C<sub>21</sub>H<sub>26</sub>O<sub>6</sub> 374.43

MM04899

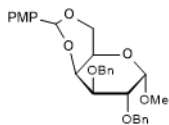
50mg	\$125.00
100mg	\$210.00
250mg	\$490.00



**Methylidibenz****Methyl 2,3-di-O-benzyl-4,6-O-(4-methoxybenzylidene)-a-D-galactopyranoside**[94902-59-7] C<sub>29</sub>H<sub>32</sub>O<sub>7</sub> 492.57

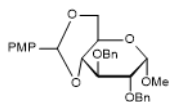
MM08907

Price On Application

**Methyl 2,3-di-O-benzyl-4,6-O-(4-methoxybenzylidene)-a-D-galcopyranoside**[94902-60-0] C<sub>29</sub>H<sub>32</sub>O<sub>7</sub> 492.57

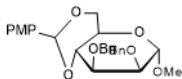
MM08908

Price On Application

**Methyl 2,3-di-O-benzyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranoside**[211231-57-1] C<sub>29</sub>H<sub>32</sub>O<sub>7</sub> 492.57

MM08909

Price On Application

**Methyl 3,5-di-O-benzyl-D-ribofuranoside**[55775-39-8] C<sub>20</sub>H<sub>24</sub>O<sub>5</sub> 344.4

MM15527

250mg	\$60.00
500mg	\$90.00
1g	\$140.00

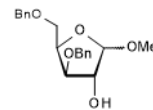
**Methyl 3,5-di-O-benzyl-D-xylofuranoside**

• Methyl 3,5-di-O-benzyl-2-deoxy-D-threo-pentofuranoside

[132487-16-2] C<sub>20</sub>H<sub>24</sub>O<sub>5</sub> 344.4

MM04127

1g	\$50.00
2g	\$90.00
5g	\$200.00

**Methyl 3,5-di-O-(p-chlorobenzoyl)-2-deoxy-b-D-ribofuranoside**

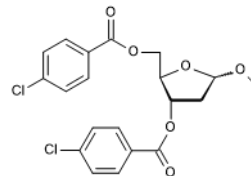
Price On Application

MM15142

**Methyl 3,5-di-O-(p-chlorobenzoyl)-2-deoxy-D-ribofuranoside**[99886-53-0] C<sub>20</sub>H<sub>18</sub>Cl<sub>2</sub>O<sub>6</sub> 425.26

MM03360

25g	\$1375.00
50g	\$1950.00
100g	\$2600.00

**Methyl 3,5-di-O-(p-chlorobenzoyl)-2-keto-a-D-ribofuranoside**

MM145908

50mg	\$50.00
100mg	\$96.00
250mg	\$230.00

**Methyl 3,5-di-O-(p-chlorobenzoyl)-a-D-ribofuranoside**

MM158767

500mg	\$50.00
1g	\$80.00
2g	\$140.00



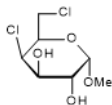
M

**Methyl 3,5-di-O-(p-chlorobenzyl)-2-deoxy-a-D-ribofuranoside**

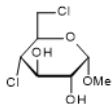
MM145907	1g	\$50.00
	2g	\$92.00
	5g	\$215.00

**Methyl 4,6-dichloro-4,6-dideoxy-a-D-galactopyranoside**[4990-82-3] C<sub>7</sub>H<sub>12</sub>Cl<sub>2</sub>O<sub>4</sub> 231.08

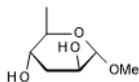
MM08882	5g	\$2750.00
	10g	\$3950.00

**Methyl 4,6-dichloro-4,6-dideoxy-a-D-glucopyranoside**C<sub>7</sub>H<sub>12</sub>Cl<sub>2</sub>O<sub>4</sub> 231.08

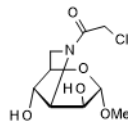
MM08900	5mg	\$94.50
	10mg	\$168.00
	25mg	\$367.50

**Methyl 2,3-didehydro-4,7,8,9-tetra-O-acetyl-N-acetylneuraminat**see *Methyl 5-acetamido-4,7,8,9-tetra-O-acetyl-2,6-anhydro-3,5-dideoxy-D-glycero-D-galacto-non-2-enonate*, MM04188 on page 373**Methyl 3,6-dideoxy-a-D-arabino-hexopyranoside**[6154-71-8] C<sub>7</sub>H<sub>14</sub>O<sub>4</sub> 162.19

MM09726	5mg	\$99.80
	10mg	\$178.50
	25mg	\$315.00

**Methyl 3,6-dideoxychloroacetamido-a-D-mannopyranoside**C<sub>9</sub>H<sub>14</sub>ClNO<sub>5</sub> 251.66

MM04557	1g	\$525.00
	2g	\$892.50
	5g	\$1470.00

**Methyl 2,3-dideoxy-5-O-(2,2-dimethylpropanoyl)-3-fluoro-a-D-erythro-pentofuranoside**[138168-22-6] C<sub>11</sub>H<sub>19</sub>FO<sub>4</sub> 234.26

MM101424

Price On Application

**Methyl-2,3-dideoxy-3-fluoro-5-O-(4-phenylbenzoyl)-a-D-erythro-pentofuranoside**

[168786-98-9]

MM31055

Price On Application

**Methyl 2,3-dideoxy-3-fluoro-5-O-(4-phenylbenzoyl)-beta-D-erythro-pentofuranoside**

[129468-51-5]

MM29484

Price On Application

**Methyl 2,3-dideoxy-3-fluoro-5-O-pivaloyl-a-D-ribofuranoside**

MM01860

Price On Application



**Methylideox****Methyl 2,3-dideoxy-3-fluoro-5-O-pivaloyl-L-ribofuroside**

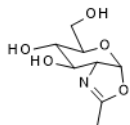
MM02694

Price On Application

**2-Methyl-(1,2-dideoxy-a-D-glucopyrano)-[2,1-d]-2-oxazoline**C<sub>8</sub>H<sub>13</sub>NO<sub>5</sub> 203.19

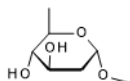
MM10955

25mg	\$50.00
50mg	\$75.00
100mg	\$120.00

**Methyl 2,6-dideoxy-a-D-glucopyranoside**C<sub>7</sub>H<sub>14</sub>O<sub>4</sub> 162.18

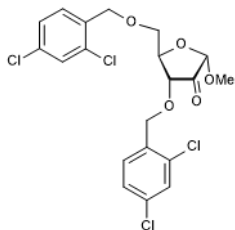
MM08079

Price On Application

**Methyl 3,5-dideoxy-5-glycolamido-a-D-glycero-D-galactonulopyranosidonic acid**see *N*-(Hydroxyacetyl)-2-O-methyl-a-neuraminic acid, MH58732 on page 310**Methyl 3,5-di-O-(2,4-dichlorobenzyl)-2-keto-a-D-ribofuranoside**[443642-30-6] C<sub>20</sub>H<sub>18</sub>Cl<sub>4</sub>O<sub>5</sub> 480.16

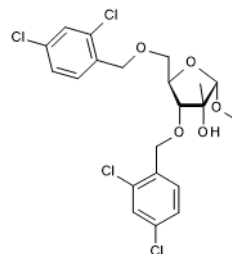
MM02900

50mg	\$73.50
100mg	\$108.00
250mg	\$185.00

**Methyl 3,5-di-O-(2,4-dichlorobenzyl)-2-C-methyl-a-D-ribofuranoside**[443642-31-7] C<sub>21</sub>H<sub>22</sub>Cl<sub>4</sub>O<sub>5</sub> 496.21

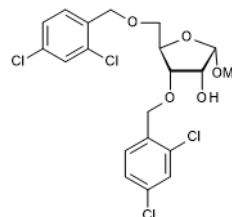
MM02898

100mg	\$60.00
250mg	\$95.00
500mg	\$160.00

**Methyl 3,5-di-O-(2,4-dichlorobenzyl)-a-D-ribofuranoside**[168427-35-8] C<sub>20</sub>H<sub>20</sub>Cl<sub>4</sub>O<sub>5</sub> 482.18

MM08401

250mg	\$45.00
500mg	\$75.00
1g	\$135.00

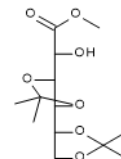
**Methyl 3,4:5,6-di-O-isopropylidene-D-gluconate**

• 3,4:5,6-Di-O-isopropylidene-D-gluconic acid methyl ester

[114743-85-0] C<sub>13</sub>H<sub>22</sub>O<sub>7</sub> 290.31

MM08183

1g	\$262.50
2g	\$420.00
5g	\$840.00

**Methyl 2,3-di-O-methyl-D-glucopyranoside**

see 1,2,3-Tri-O-methyl-D-glucopyranoside, MT04559 on page 593

**Methyl 2,6-di-O-methyl-D-glucopyranoside**

see 1,2,6-Tri-O-methyl-D-glucopyranoside, MT06950 on page 593

**Methyl 2,3,4,6-di-O-isopropylidene-D-mannopyranoside**[50705-56-1] C<sub>13</sub>H<sub>22</sub>O<sub>6</sub> 274.31

MM159127

250mg	\$100.00
500mg	\$150.00
1g	\$250.00

**Methyl 2,6-di-O-p-toluenesulfonyl-D-glucopyranoside**[54497-89-1] C<sub>21</sub>H<sub>26</sub>O<sub>10</sub>S<sub>2</sub> 502.56

MM44540

Price On Application

**6-Methyldiosgenin Acetate**[6877-73-2] C<sub>30</sub>H<sub>46</sub>O<sub>4</sub> 470.68

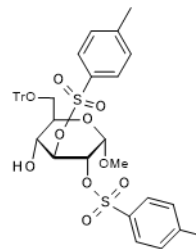
MM64925

500mg	\$50.00
1g	\$85.00
2g	\$160.00

**Methyl 2,3-di-O-p-toluenesulfonyl-6-O-trityl-a-D-glucopyranoside**C<sub>40</sub>H<sub>40</sub>O<sub>10</sub>S<sub>2</sub> 744.87

MM08069

Price On Application

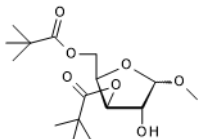
**Methyl 3,5-di-O-pivaloyl-D-threo-pentofuranoside**see *Methyl 3,5-di-O-pivaloyl-D-xylofuranoside*, MM04130 on page 397**Methyl 3,5-di-O-pivaloyl-D-xylofuranoside**

• Methyl 3,5-di-O-pivaloyl-D-threo-pentofuranoside

C<sub>18</sub>H<sub>26</sub>O<sub>7</sub> 332.39

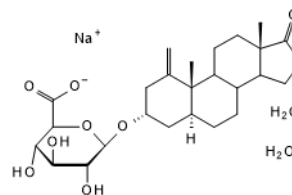
MM04130

100mg	\$105.00
250mg	\$210.00
500mg	\$370.00

**1-Methylene-5-a-androstan-3-a-ol-17-one glucuronide**C<sub>28</sub>H<sub>37</sub>O<sub>8</sub>·Na·2H<sub>2</sub>O 536.59

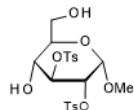
MM11463

1mg \$262.50

**Methyl 2,3-di-O-p-toluenesulfonyl-a-D-glucopyranoside**C<sub>21</sub>H<sub>26</sub>O<sub>10</sub>S<sub>2</sub> 502.56

MM08068

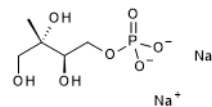
Price On Application

**2-C-Methyl-D-erythritol 4-phosphate**

[206440-72-4]

MM29716

1mg	\$155.00
2mg	\$290.00
5mg	\$625.00



## Methylethyla

**(R)-1-[[[(1-Methylethyl)amino]methyl]-2-(1-naphthalenyloxy)ethyl b-D-glucopyranosiduronic acid monosodium salt**

see (R)-Propranolol b-D-glucuronide sodium salt, MP16840 on page 482

**(S)-1-[[[(1-Methylethyl)amino]methyl]-2-(1-naphthalenyloxy)ethyl b-D-glucopyranosiduronic acid monosodium salt**

see (S)-Propranolol b-D-glucuronide sodium salt, MP16841 on page 482

**3,4-O-(1-Methylethylidene)-b-L-erythro-pentopyranosid-2-ulose**

see Methyl 3,4-O-isopropylidene-b-L-erythro-pentopyranosid-2-ulose, MM16791 on page 403

**2,3-O-(1-Methylethylidene)-b-D-fructopyranose 1-sulfamate**

see 4,5-Desisopropylidene topiramate, MD16687 on page 188

**4,5-O-(1-Methylethylidene)-b-D-fructopyranose 1-sulfamate**

see 2,3-Desisopropylidene topiramate, MD21212 on page 188

**1,2-O-(1-Methylethylidene)-3-O-(phenylmethyl)-b-L-lyxofuranose**

see 3-O-Benzyl-1,2-O-isopropylidene-b-L-lyxofuranose, MB29297 on page 115

**1-[2,3-O-(1-Methylethylidene)-b-D-ribofuranosyl]-1H-1,2,4-triazole-3-carboxamide**

see 2',3'-Isopropylidene ribavirin, MI16766 on page 338

**2,3-O-(1-Methylethylidene)-a-L-sorbofuranose 6-(4-methylbenzenesulfonate)**

see 6-O-Tosyl-2,3-O-isopropylidene-a-L-sorbofuranose, MT16871 on page 561

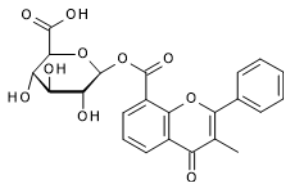
**1,2-O-(1-Methylethylidene)-a-D-xylofuranose**

see 1,2-O-Isopropylidene-a-D-xylofuranose, MI05303 on page 340

**3-Methylflavone-8-carboxylic acid acyl-b-D-glucuronide**[60218-13-5] C<sub>23</sub>H<sub>20</sub>O<sub>10</sub> 456.4

MM10459

1mg	\$189.00
2mg	\$367.50
5mg	\$787.50

**Methyl b-D-fructofuranoside**[13403-14-0] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM15655

5mg	\$425.00
10mg	\$750.00
25mg	\$1500.00

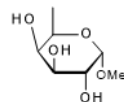
**Methyl a-D-fucopyranoside**

• Methyl 6-deoxy-a-D-galactopyranoside

[1128-40-1] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18

MM06682

500mg	\$105.00
1g	\$168.00
5g	\$682.50

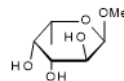
**Methyl a-L-fucopyranoside**

• Methyl 6-deoxy-a-L-galactopyranoside

[14687-15-1] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18

MM02387

500mg	\$55.00
1g	\$89.30
2g	\$157.50

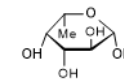


Refs: Millqvist-Fureby A, MacManus DA, Davies S, Vulfson EN, Biotechnol. Bioeng. Vol60, Issue 2, p197-203

**Methyl b-L-fucopyranoside**[24332-98-7] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18

MM05588

1g	\$67.20
2g	\$105.00
5g	\$210.00



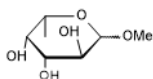
Refs: Hirsch J, et al, J. Mass Spectrom. Vol36, Issue 4, p379-383



**Methyl L-fucopyranoside**[65310-00-1] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18

MM02378

1g	\$47.30
2g	\$89.30
5g	\$168.00



Refs: Hockett RC, Mowery Jr DF, J. Am. Chem. Soc. 1943, March, p403

**Methyl α-D-galactopyranoside - Crude**[3396-99-4] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

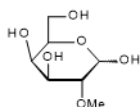
MM10084

5g	\$59.50
10g	\$95.00
25g	\$190.00

**2-O-Methyl-D-galactopyranose**C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM10505

1mg	\$787.50
2mg	\$1260.00
5mg	\$2625.00

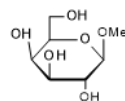
**Methyl β-D-galactopyranoside**

• 1-OMe-β-D-Gal

[1824-94-8] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM01482

10g	\$75.00
25g	\$150.00
50g	\$250.00

**6-O-Methyl-D-galactopyranose**

• 6-O-Methyl-D-galactose

[6779-91-5] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

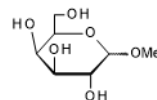
MM67693

1g	\$50.00
2g	\$90.00
5g	\$200.00

**Methyl D-galactopyranoside**[93302-26-2] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM06627

10g	\$75.00
25g	\$150.00
50g	\$250.00

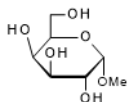


Refs: Takagi S, Jeffrey GA, Acta Crystallogr. 1978, B34, p2006-2010

**Methyl α-D-galactopyranoside**[3396-99-4] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM05301

25g	\$55.00
50g	\$105.00
100g	\$195.00



Refs: Mulard LA, Kovac P, Glaudemans CP, Carbohydr. Res. 1994, 2, p117-29

**6-O-Methyl-D-galactose**

see 6-O-Methyl-D-galactopyranose, MM67693 on page 399

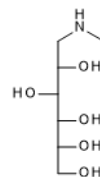
**N-Methyl-D-glucamine**

- 1-Deoxy-1-methylamino-D-glucitol
- Meglumine

[6284-40-8] C<sub>7</sub>H<sub>17</sub>NO<sub>5</sub> 195.21

MM07027

500g	\$50.00
1kg	\$90.00
2kg	\$150.00



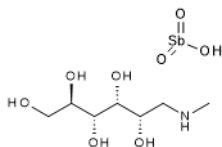
**Methylglucam****N-Methylglucamine antimonate**

- 1-Deoxy-1-(methylamino)-D-glucitol antimonate
- Meglumine antimonate

[133-51-7] C<sub>7</sub>H<sub>17</sub>NO<sub>5</sub>·HSbO<sub>3</sub> 365.98

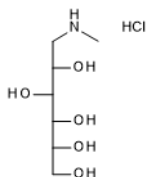
MM44354

10g	\$65.00
25g	\$95.00
50g	\$150.00

**N-Methyl-D-glucamine HCl**[35564-86-4] C<sub>7</sub>H<sub>17</sub>NO<sub>5</sub>·HCl 231.67

MM07028

5g	\$84.00
10g	\$136.50
25g	\$262.50

**3-O-Methyl-a-D-glucopyranose**

see 3-O-Methyl-D-glucopyranose, MM05766 on page 400

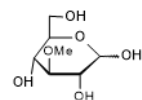
**3-O-Methyl-D-glucopyranose**

- 3-O-Methyl-a-D-glucopyranose

[3370-81-8][13224-94-7] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM05766

5g	\$55.00
10g	\$85.00
25g	\$157.50



**Refs:** Cortés S, Gromova M, Evrard A, Roby C, Heyraud A, Rolin DB, Raymond P, Brouquisse RM, Plant Physiol. 2003, Vol131, Feb, p824-837; Edimecheva IP, Kisel RM, Shadyro OI, Kazem K, Murase H, Kagiya T, J. Radiat. Res. (Tokyo) 2005, 46, p319-24; Takemoto DJ, Harris R, Brightman A, McGill J, Vet. Ophthalmology 2004, Vol7, May, p163

**Methyl-D-glucopyranoside**

[3149-68-6]

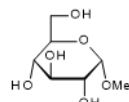
MM05348

Price On Application

**Methyl a-D-glucopyranoside**[97-30-3] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM03961

500g	\$45.00
1kg	\$85.00
2kg	\$150.00

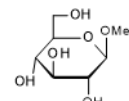


**Refs:** van Rooijen JJA, Voskamp AF, Kamerling JP, Vliegenthart JFG, Glycobiology Vol9, No1, p21-30

**Methyl b-D-glucopyranoside**[709-50-2] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM03162

5g	\$60.00
10g	\$105.00
25g	\$190.00

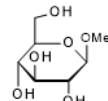


**Refs:** Jeffrey GA, Takagi S, Acta Crystallogr. 1977, B33, 738-742; Weaver JW, Schroeder LR, Thompson NS, Inst. Paper Chem. (Appleton Wis.), Jan 1978, No47

**Methyl b-D-glucopyranoside hemihydrate**[7000-27-3] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub>·½H<sub>2</sub>O 203.19

MM06681

5g	\$60.00
10g	\$105.00
25g	\$195.00

**Methyl b-D-glucopyranoside tetraacetate**

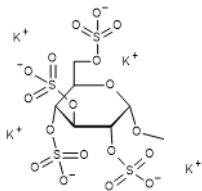
see Methyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranose, MM05441 on page 414



**Methyl  $\alpha$ -D-glucopyranoside 2,3,4,6-tetrasulfate potassium salt**[210357-34-9]  $C_7H_{10}K_4O_{18}S_4$  666.8

MM05204

50mg	\$315.00
100mg	\$473.00
250mg	\$710.00

**N-Methyl- $\beta$ -D-glucopyranosylamine (hydrochloride or other salt)**[114761-39-6]  $C_7H_{15}NO_5 \cdot HCl$  229.7

MM01929

Price On Application

**3-O-Methyl-D-glucosamine**

see 2-Amino-2-deoxy-3-O-methyl-D-glucose, MA153447 on page 61

**N-Methyl-D-glucosamine**

• 2-Deoxy-2-(methylamino)-D-glucose

[3329-30-4]  $C_7H_{15}NO_5$  193.2

MM66747

1mg	\$90.00
2mg	\$170.00
5mg	\$375.00

**N-Methyl-L-glucosamine**

• 2-Deoxy-2-(methylamino)-L-glucose

[42852-95-9]  $C_7H_{15}NO_5$  193.2

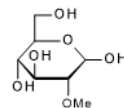
MM157100

Price On Application

**2-O-Methyl-D-glucose**[2140-41-2]  $C_7H_{14}O_6$  194.18

MM28994

2mg	\$60.00
5mg	\$95.00
10mg	\$160.00

**4-O-Methyl-D-glucose**[4132-38-1]  $C_7H_{14}O_6$  194.18

MM153283

Price On Application

**6-O-Methyl-D-glucose**[10287-49-7][2461-70-3]  $C_7H_{14}O_6$  194.18

MM153284

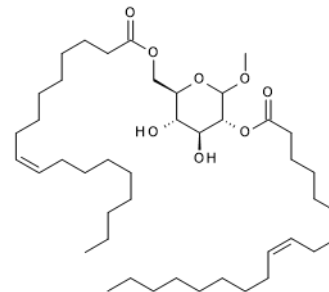
Price On Application

**Methyl glucoside dioleate**

[82933-91-3]

MM44404

Price On Application

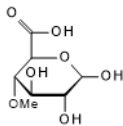
**Methyl D-glucuronate**

see D-Glucuronic acid methyl ester, MG16795 on page 301

**Methylglucur****4-O-Methyl-D-glucuronic acid**[2463-49-2][4120-73-4] C<sub>7</sub>H<sub>12</sub>O<sub>7</sub> 208.17

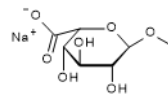
MM46686

5mg	\$75.00
10mg	\$120.00
25mg	\$230.00

**Methyl α-L-idopyranosiduronic acid sodium salt**[134355-31-0] C<sub>7</sub>H<sub>11</sub>O<sub>7</sub>-Na 230.15

MM10711

2mg	\$94.50
5mg	\$157.50
10mg	\$231.00

**Methyl β-D-glucuronide**

[4356-84-7]

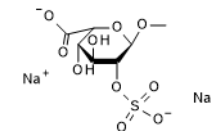
MM28859

50mg	\$94.50
100mg	\$132.00
250mg	\$262.50

**Methyl α-L-idopyranosiduronic acid 2-sulfate sodium salt**C<sub>7</sub>H<sub>10</sub>O<sub>10</sub>Na<sub>2</sub>S 332.19

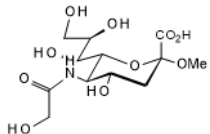
MM31130

Price On Application

**2-O-Methyl-α-D-N-glycolylneuraminic acid**[14206-42-9] C<sub>12</sub>H<sub>21</sub>NO<sub>10</sub> 339.3

MM31467

Price On Application

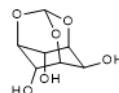
**1,3,5-O-Methylidyne-myo-inositol**

• myo-Inositol monoorthoformate

[98510-20-4] C<sub>7</sub>H<sub>10</sub>O<sub>6</sub> 190.15

MM11232

1g	\$145.00
2g	\$230.00
5g	\$475.00

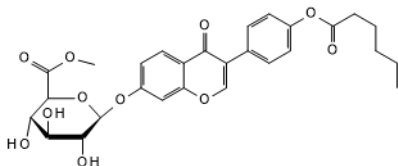
**Methyl (4'-O-hexanoyldaidzein-7-yl-β-D-2'',3'',4''-tri-O-acetylglucopyranosid)urate**

• 4-Oxo-3-[4-[(1-oxohexyl)oxy]phenyl]-4H-1-benzopyran-7-yl β-D-glucopyranosiduronic acid methyl ester, 2,3,4-triacetate

[918158-55-1] C<sub>34</sub>H<sub>36</sub>O<sub>14</sub> 668.64

MM16785

5mg	\$150.00
10mg	\$272.60
25mg	\$496.00



Refs: Al-Maharik, N, et al, Tetrahedron Lett, 47, 8703 (2006).

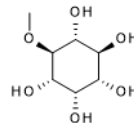
**1-Methyl-1H-imidazol-2-yl 1-thio-β-D-glucopyranosiduronic acid**see *Methimazole thio-β-D-glucuronide*, MM16781 on page 361**1-D-4-O-Methyl-myo-inositol**

• D-Ononitol

[6090-97-7][484-69-5] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM10123

10mg	\$85.00
25mg	\$150.00
50mg	\$290.00



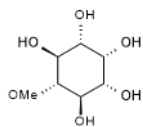
**5-O-Methyl-myo-inositol**

• Sequoyitol

[523-92-2] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

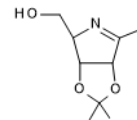
MM10128

5mg	\$70.00
10mg	\$110.00
25mg	\$225.00

**1-Methyl-2,3-O-isopropylidene-1,4-dideoxy-1,4-imino-1-N-dehydro-D-ribose**[909703-52-2] C<sub>9</sub>H<sub>15</sub>NO<sub>3</sub> 185.22

MM46124

Price On Application

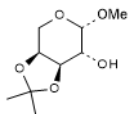
**Methyl 3,4-isopropylidene-b-L-arabinopyranoside**

- Methyl 3,4-O-(1-methylethylidene)-b-L-arabinopyranoside
- NSC 69871

[6960-39-0] C<sub>9</sub>H<sub>16</sub>O<sub>5</sub> 204.22

MM16790

50mg	\$140.00
100mg	\$255.00
250mg	\$462.50

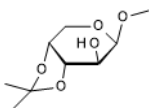


Refs: Tsuda, Y, et al, Chem. Pharm. Bull, 38, 1983 (1991); Akagi, M, et al, Chem. Pharm. Bull, 50, 866 (2002)

**Methyl 3,4-O-isopropylidene-b-D-arabinopyranoside**[4594-60-9] C<sub>9</sub>H<sub>16</sub>O<sub>5</sub> 204.22

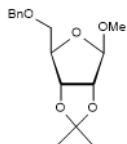
MM07131

1g	\$89.30
2g	\$147.00
5g	\$189.00

**Methyl 2,3-O-isopropylidene-5-O-benzyl-b-D-ribofuranoside**[33019-63-5] C<sub>16</sub>H<sub>22</sub>O<sub>5</sub> 294.34

MM04542

1g	\$577.50
5g	\$840.00
10g	\$1260.00

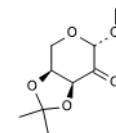
**Methyl (2R,3S)-2,3-O-isopropylidene-2,3-dihydroxybutyrate**see *Methyl 4-deoxy-2,3-O-isopropylidene-L-threonate*, MM63236 on page 387**Methyl 3,4-O-isopropylidene-b-L-erythro-pentopyranosid-2-ulose**

- 3,4-O-(1-Methylethylidene)-b-L-erythro-pentopyranosid-2-ulose
- methyl 3,4-O-isopropylidene-L-erythro-pentopyranosidulose

[4096-62-2] C<sub>9</sub>H<sub>14</sub>O<sub>5</sub> 202.2

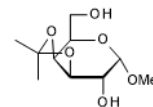
MM16791

25mg	\$110.00
50mg	\$200.50
100mg	\$364.00

**methyl 3,4-O-isopropylidene-L-erythro-pentopyranosidulose**see *Methyl 3,4-O-isopropylidene-b-L-erythro-pentopyranosid-2-ulose*, MM16791 on page 403**Methyl 3,4-O-isopropylidene-a-D-galactopyranoside**[40269-01-0] C<sub>10</sub>H<sub>18</sub>O<sub>6</sub> 234.25

MM09492

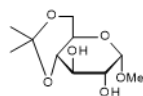
50mg	\$131.50
100mg	\$210.00
250mg	\$420.00



**Methylisopro****Methyl 4,6-O-isopropylidene- $\alpha$ -D-glucopyranoside**C<sub>10</sub>H<sub>18</sub>O<sub>6</sub> 234.25

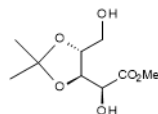
MM08065

Price On Application

**Methyl 3,4-O-isopropylidene-D-lyxonate**[359437-02-8] C<sub>9</sub>H<sub>16</sub>O<sub>6</sub> 220.22

MM04943

250mg	\$420.00
500mg	\$630.00
1g	\$945.00

**Methyl-2,3-O-isopropylidene- $\alpha$ -D-mannopyranoside**

[63167-69-1]

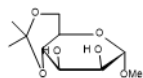
MM46569

Price On Application

**Methyl 4,6-O-isopropylidene- $\alpha$ -D-mannopyranoside**[63167-67-9] C<sub>10</sub>H<sub>18</sub>O<sub>6</sub> 234.25

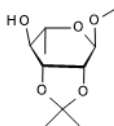
MM04859

1g	\$157.50
5g	\$514.50
10g	\$871.50

**Methyl 2,3-O-isopropylidene- $\alpha$ -L-rhamnopyranoside**[14133-63-2] C<sub>10</sub>H<sub>18</sub>O<sub>5</sub> 218.25

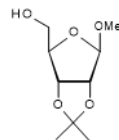
MM06587

100mg	\$50.00
250mg	\$80.00
500mg	\$120.00

**Methyl 2,3-O-isopropylidene- $\beta$ -D-ribofuranoside**[4099-85-8] C<sub>9</sub>H<sub>16</sub>O<sub>5</sub> 204.22

MM03771

5g	\$45.00
10g	\$75.00
25g	\$125.00

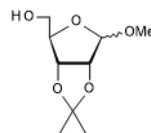


Refs: Griffon JF, Dukhan D, Pierra C, Benzaria S, Loi AG, et al, Nucleosides Nucleotides & Nucleic Acids 2003, Vol22, No5-8, p707-709

**Methyl 2,3-O-isopropylidene-D-ribofuranoside**[72402-14-3] C<sub>9</sub>H<sub>16</sub>O<sub>5</sub> 204.2

MM03973

5g	\$52.50
10g	\$84.00
25g	\$136.50

**Methyl 3,4-O-isopropylidene-L-threonate**

- (aR,4S)-2,2-Dimethyl- $\alpha$ -hydroxy-1,3-dioxolane-4-acetic acid methyl ester
- 3,4-O-Isopropylidene-L-threonic acid methyl ester

[92973-40-5] C<sub>8</sub>H<sub>14</sub>O<sub>5</sub> 190.19

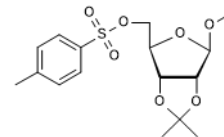
MM63237

1g	\$150.00
2g	\$270.00
5g	\$475.00

**Methyl 2,3-O-isopropylidene-5-O-p-toluenesulfonyl- $\beta$ -D-ribofuranoside**[4137-56-8] C<sub>16</sub>H<sub>22</sub>O<sub>7</sub>S 358.41

MM06732

1g	\$85.00
2g	\$125.00
5g	\$225.00



Refs: Abdel-Rahman AAH, Abdel-Megied AES, Goda AES, et al, Nucleosides Nucleotides & Nucleic Acids 2003, Vol22, No11, p2027-2038

**Methyl 2,3-O-isopropylidene-5-O-(4-toluenesulfonyl)-b-D-ribofuranoside**

[13007-50-6]

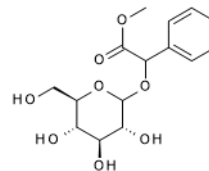
MM31933

Price On Application

**Methyl mandelate glucoside**

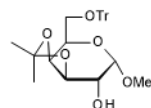
MM44401

Price On Application

**Methyl 3,4-O-isopropylidene-6-O-trityl-a-D-galactopyranoside**[53685-07-7] C<sub>29</sub>H<sub>32</sub>O<sub>6</sub> 476.57

MM09495

100mg	\$95.00
250mg	\$157.50
500mg	\$265.00

**3-O-Methyl-D-mannopyranose**[27552-10-9] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM159159

100mg	\$900.00
250mg	\$1575.00
500mg	\$2500.00

**Methyl-3,5-O-isopropylidene-D-xylofuranose**[112245-59-7] C<sub>9</sub>H<sub>16</sub>O<sub>5</sub> 204.22

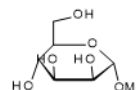
MM31967

10g \$1950.00

**Methyl a-D-mannopyranoside**[617-04-9] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MM06730

50g	\$50.00
100g	\$85.00
250g	\$170.00



Refs: Derewenda Z, et al, EMBO J. 1989, 8, 2189; Takahashi S, et al, Biochim. Biophys. Acta 1974, 371, 71-5

**Methyl b-D-maltopyranoside**[744-05-8] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

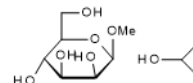
MM71932

1g	\$395.00
2g	\$700.00
5g	\$1250.00

**Methyl b-D-mannopyranoside isopropylate**[911673-07-9] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub>·C<sub>3</sub>H<sub>8</sub>O 254.28

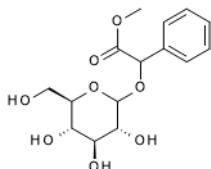
MM04937

25mg	\$60.00
50mg	\$95.00
100mg	\$170.00

**Methyl mandelate glucoside**

MM44368

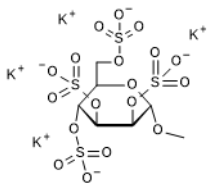
Price On Application



**Methylmannop****Methyl  $\alpha$ -D-mannopyranoside 2,3,4,6-tetra-sulfate potassium salt**[359437-03-9]  $C_7H_{10}K_4O_{18}S_4$  666.81

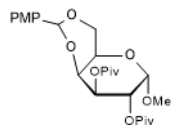
MM04908

10mg	\$140.00
25mg	\$220.00
50mg	\$360.00

**Methyl 4,6-O-(4-methoxybenzylidene)-2,3-di-O-pivaloyl- $\alpha$ -D-galactopyranoside** $C_{25}H_{36}O_9$  480.56

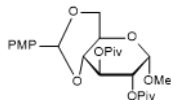
MM08910

Price On Application

**Methyl 4,6-O-(4-methoxybenzylidene)-2,3-di-O-pivaloyl- $\alpha$ -D-glucopyranoside** $C_{25}H_{36}O_9$  480.56

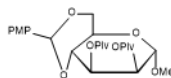
MM08911

Price On Application

**Methyl 4,6-O-(4-methoxybenzylidene)-2,3-di-O-pivaloyl- $\alpha$ -D-mannopyranoside** $C_{25}H_{36}O_9$  480.56

MM08912

Price On Application

**Methyl (methyl 5-acetamido-3,5-dideoxy-D-glycero- $\beta$ -D-galacto-non-2-ulopyranosid)onate**see 2-O-Methyl- $\beta$ -D-N-acetylneuraminic acid methyl ester, MM04891 on page 374**Methyl(methyl-5-acetamido-4,7,8,9-tetra-D-acetyl-3,5-dideoxy-D-glycero- $\alpha$ -D-galacto-2-nonulopyranoside)onate**see *N-Acetyl-2-O-methyl- $\alpha$ -neuraminic acid methyl ester 4,7,8,9-tetraacetate*, MA16577 on page 38**Methyl (methyl 5-acetamido-4,7,8,9-tetra-O-acetyl-3,5-dideoxy-2-thio-D-glycero-D-galacto-2-nonulopyranosid)onate** $C_{23}H_{31}NO_{12}S$  545.56

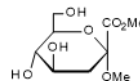
MM58737

1g	\$750.00
2g	\$1380.00
5g	\$2875.00

**Methyl (methyl 3-deoxy-D-arabino-hept-2-ulopyranosid)onate**[85549-51-5]  $C_9H_{16}O_7$  236.22

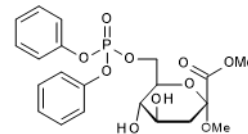
MM04932

25mg	\$525.00
50mg	\$892.50
100mg	\$1470.00

**Methyl (methyl 3-deoxy-D-arabino-hept-2-ulopyranosid)onate-7-(diphenyl phosphate)**[91382-79-5]  $C_{21}H_{25}O_{10}P$  468.39

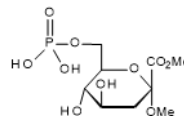
MM04902

10mg	\$525.00
25mg	\$840.00
50mg	\$1102.50

**Methyl (methyl 3-deoxy-D-arabino-hept-2-ulopyranosid)onate-7-phosphate**[91382-80-8]  $C_9H_{17}O_{10}P$  316.2

MM06132

10mg	\$525.00
25mg	\$840.00
50mg	\$1155.00



**Methyl (methyl-4-deoxy-alpha-L-threo-hex-4-enopyranosid)uronate**[24909-33-9] C<sub>8</sub>H<sub>12</sub>O<sub>6</sub> 204.18

MM71674

Price On Application

**Methyl 3,4-O-(1-methylethylidene)-b-L-arabinopyranoside**see *Methyl 3,4-isopropylidene-b-L-arabinopyranoside*, MM16790 on page 403**3-O-Methyl-1,2:5,6-bis-O-(1-methylethylidene)-a-D-glucofuranose**see *1,2:5,6-Di-O-isopropylidene-3-O-methyl-a-D-glucofuranose*, MD32503 on page 223**3-O-Methyl-1,2-O-(1-methylethylidene)-a-D-ribofuranose**

[35506-61-7]

MM32208

Price On Application

**Methyl 4-O-methyl-D-glucopyranosyluronate**C<sub>8</sub>H<sub>14</sub>O<sub>7</sub> 222.2

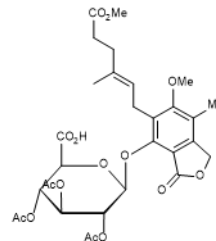
MM05244

500mg	\$500.00
1g	\$670.00
2g	\$1170.00

**Methyl 6-[methyl-2,3,4-tri-O-acetyl-b-D-glucuronato]mycophenolate**C<sub>30</sub>H<sub>36</sub>O<sub>15</sub> 636.6

MM04556

10mg	\$525.00
25mg	\$840.00
50mg	\$1365.00

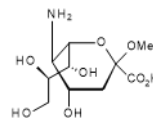
**Methyl (4-methylumbelliferyl 2,3,4-tri-O-acetyl-a-L-idopyranosid)uronate**see *4-Methylumbelliferyl 2,3,4-tri-O-acetyl-a-L-idopyranosiduronic acid methyl ester*, MM06792 on page 429**Methyl b-neuraminic acid**

• Neuraminic acid b-methylglycoside

[56144-08-2] C<sub>10</sub>H<sub>19</sub>NO<sub>8</sub> 281.26

MM04550

2mg	\$60.00
5mg	\$105.00
10mg	\$185.00

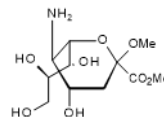
**Methyl b-neuraminic acid methyl ester**

• Neuraminic acid b-methylglycoside methyl ester

[56070-37-2] C<sub>11</sub>H<sub>21</sub>NO<sub>8</sub> 295.29

MM06098

5mg	\$89.30
10mg	\$168.00
25mg	\$336.00



Refs: Mester L, et al, Carbohydr. Nucleosides Nucleotides 1977, 4, 5, p249; Szabo L, et al, J. Org. Chem. 1998, 63, p1074

**2-(2-Methyl-5-nitro-1H-imidazol-1-yl)ethyl b-D-glucopyranosiduronic acid**see *Metronidazole b-D-glucuronide*, MM31785 on page 430

**Methylnitrop****Methyl 4,6-O-(4-nitrophenyl)methylene-a-D-galactopyranoside**

[849366-08-1]

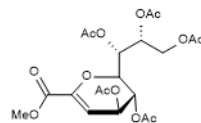
MM61577

5g	\$1375.00
10g	\$1950.00
25g	\$2925.00

**Methyl 4,5,7,8,9-penta-O-acetyl-2,6-anhydro-3-deoxy-D-glycero-D-galacto-non-2-enonate**[136737-07-0] C<sub>22</sub>H<sub>26</sub>O<sub>13</sub> 498.43

MM04909

2mg	\$90.00
5mg	\$160.00
10mg	\$300.00

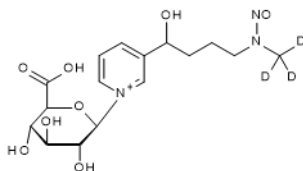


Refs: Norton A, Kok G, Itzstein M, J. Carbohydr. Chem 2001, 20, 7-8, p507

**4-(Methyl-D3-nitrosamino)-1-(3-pyridyl)-1-butanol-N-b-D-glucuronide**[131119-04-5] C<sub>16</sub>H<sub>21</sub>D<sub>3</sub>N<sub>3</sub>O<sub>8</sub> 389.39

MM04552

1mg	\$2100.00
2mg	\$3990.00
5mg	\$6300.00



Refs: Hecht SS, et al, Chem. Res. Toxicol. 2001, 14, p555

**4-Methylphenyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucoopyranoside**[28244-94-2] C<sub>21</sub>H<sub>26</sub>O<sub>9</sub>S 454.49

MM76621

Price On Application

**4-Methylphenyl 2,3,4,6-tetra-O-benzyl-b-D-thiogalactopyranoside**[211678-08-9] C<sub>41</sub>H<sub>42</sub>O<sub>5</sub>S 646.84

MM76698

Price On Application

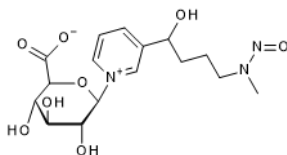
**4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol-N-b-D-glucuronide**

• Nnal-N-b-D-glucuronide

[350508-29-1] C<sub>16</sub>H<sub>23</sub>N<sub>3</sub>O<sub>8</sub> 385.37

MM04545

500ug	\$945.00
1mg	\$1575.00
2mg	\$2835.00

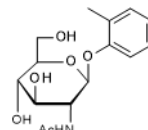


Refs: Hecht SS, et al, Chem. Res. Toxicol. 2001, 14, p555

**2-Methylphenyl 2-acetamido-2-deoxy-b-D-glucoopyranoside**[263746-45-8] C<sub>15</sub>H<sub>21</sub>NO<sub>6</sub> 311.33

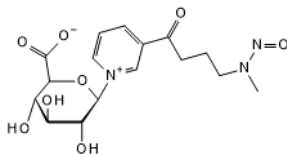
MM00867

100mg	\$50.00
250mg	\$75.00
500mg	\$120.00

**4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone-N-b-D-glucuronide**[350508-26-8] C<sub>16</sub>H<sub>21</sub>N<sub>3</sub>O<sub>8</sub> 383.35

MM07253

1mg	\$370.00
2mg	\$640.00
5mg	\$1330.00

**(2R,3S,4R,5S)-2-methylolpiperidine-3,4,5-triol hydrochloride**

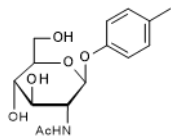
see 1-Deoxygalactonojirimycin HCl, MD06196 on page 173



**4-Methylphenyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[35694-99-6] C<sub>15</sub>H<sub>21</sub>NO<sub>6</sub> 311.33

MM00960

1g	\$210.00
5g	\$840.00
10g	\$1470.00

**Methyl (Phenyl 5-Acetamido-7,8,9-tri-O-acetyl-5-N,4-O-carbonyl-3,5-dideoxy-2-thio-D-glycero-b-D-galacto-2-nonulopyranosid)onate**see *Methyl 5-Acetamido-7,8,9-tri-O-acetyl-5-N,4-O-carbonyl-3,5-dideoxy-2-S-phenyl-2-thio-D-glycero-b-D-galacto-2-nonulopyranosylonate*, MM60570 on page 373**2-Methylphenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[263746-44-7] C<sub>21</sub>H<sub>27</sub>NO<sub>9</sub> 437.44

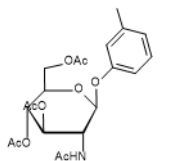
MM02210

1g	\$210.00
5g	\$840.00
10g	\$1470.00

**3-Methylphenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[50729-96-9] C<sub>21</sub>H<sub>27</sub>NO<sub>9</sub> 437.44

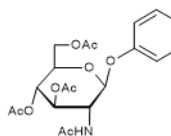
MM06588

1g	\$210.00
5g	\$840.00
10g	\$1470.00

**4-Methylphenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[38229-73-1] C<sub>21</sub>H<sub>27</sub>NO<sub>9</sub> 437.44

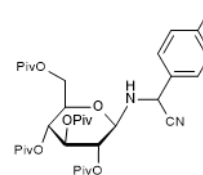
MM05433

1g	\$210.00
5g	\$840.00
10g	\$1470.00

**N-[2-(4'-Methylphenylacetonitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>35</sub>H<sub>52</sub>N<sub>2</sub>O<sub>9</sub> 644.8

MM08499

Price On Application

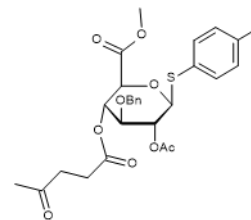
**4-Methylphenyl 2-O-acetyl-3-O-benzyl-4-O-levulinoyl-b-D-thioglucuronide methyl ester**

• Toly 2-O-acetyl-3-O-benzyl-4-O-levulinoyl-1-thio-b-D-glucuronic acid methyl ester

C<sub>28</sub>H<sub>32</sub>O<sub>9</sub>S 544.62

MM08916

Price On Application

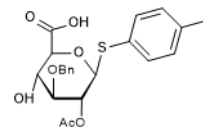
**4-Methylphenyl 2-O-acetyl-3-O-benzyl-b-D-thioglucuronide**

• Toluoyl 2-O-acetyl-3-O-benzyl-1-thio-b-D-glucuronic acid

C<sub>22</sub>H<sub>24</sub>O<sub>7</sub>S 432.49

MM08179

Price On Application

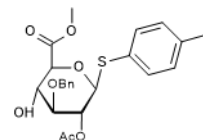
**4-Methylphenyl 2-O-acetyl-3-O-benzyl-b-D-thioglucuronide methyl ester**

• Toluoyl 2-O-acetyl-3-O-benzyl-1-thio-b-D-glucuronide methyl ester

C<sub>23</sub>H<sub>26</sub>O<sub>7</sub>S 446.51

MM08184

Price On Application



## Methylphenyl

## 4-Methylphenyl 2-azido-2-deoxy-3,4,6-tri-O-(4-chlorobenzyl)-1-thio-b-D-galactopyranoside

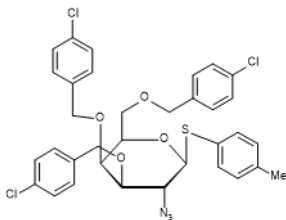
see 4-Methylphenyl 2-azido-3,4,6-tri-O-(4-chlorobenzyl)-2-deoxy-b-D-thiogalactopyranoside, MM04941 on page 410

## 4-Methylphenyl 2-azido-3,4,6-tri-O-(4-chlorobenzyl)-2-deoxy-b-D-thiogalactopyranoside

• 4-Methylphenyl 2-azido-2-deoxy-3,4,6-tri-O-(4-chlorobenzyl)-1-thio-b-D-galactopyranoside

[117153-30-7] C<sub>34</sub>H<sub>32</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>4</sub>S 685.06

MM04941 2mg \$89.30  
5mg \$168.00  
10mg \$315.00



## Methyl (phenyl 2-O-benzoyl-3-O-benzyl-1-thio-a-L-idopyranoside)uronate

see Methyl (phenyl 2-O-benzoyl-3-O-benzyl-1-thio-a-L-idopyranosyluronate), MM29653 on page 410

## Methyl (phenyl 2-O-benzoyl-3-O-benzyl-1-thio-a-L-idopyranosyluronate)

• Methyl (phenyl 2-O-benzoyl-3-O-benzyl-1-thio-a-L-idopyranoside)uronate

[616876-73-4] C<sub>27</sub>H<sub>26</sub>O<sub>7</sub>S 494.56

MM29653

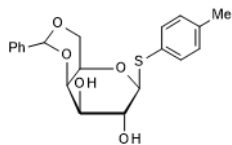
Price On Application



## 4-Methylphenyl 4,6-O-benzylidene-b-D-thiogalactopyranoside

[161007-96-1] C<sub>20</sub>H<sub>22</sub>O<sub>5</sub>S 374.45

MM04563 500mg \$80.00  
1g \$157.50  
2g \$262.50

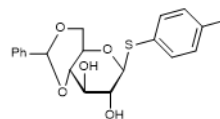


## 4-Methylphenyl 4,6-O-benzylidene-b-D-thioglucoopyranoside

[868241-49-0] C<sub>20</sub>H<sub>22</sub>O<sub>5</sub>S 374.45

MM08174

500mg \$60.00  
1g \$110.00  
2g \$180.00



## Methylphenyl 2-O-benzyl-b-D-thiogalactopyranoside

C<sub>20</sub>H<sub>24</sub>O<sub>5</sub>S 376.47

MM76701

Price On Application



## 2-Methylphenyl 4-O-benzyl-a-L-thiorhamnopyranoside

MM76449

Price On Application



## Methyl (Phenyl 5-N,4-O-Carbonyl-3,5-dideoxy-2-thio-D-glycero-b-D-galacto-2-nonulopyranosid)onate

see Methyl 5-N,4-O-Carbonyl-3,5-dideoxy-2-S-phenyl-2-thio-D-glycero-b-D-galacto-2-nonulopyranosylonate, MM60571 on page 383

## 4-Methylphenyl 3,4-di-O-acetyl-2-O-benzyl-1-thio-b-L-fucopyranoside

see 4-Toluyll 3,4-di-O-acetyl-2-O-benzyl-a-L-thiofucopyranoside, MT74880 on page 560

## 4-Methylphenyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-thioglucoopyranoside

MM76623

Price On Application



M

**4-Methylphenyl 2,3-di-O-benzyl-4,6-O-benzylidene-b-D-thioglucofuranoside**

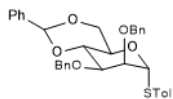
MM76622

Price On Application

**4-Methylphenyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside**[922523-12-4] C<sub>34</sub>H<sub>34</sub>O<sub>5</sub>S 554.7

MM10132

50mg	\$50.00
100mg	\$90.00
250mg	\$187.50

**Methyl (phenyl 2,3-di-O-benzyl-1-thio-b-D-glucopyranoside)uronate**

[819798-56-6]

Price On Application

MM46593

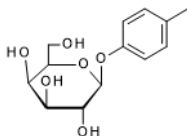
**4-Methylphenyl b-D-galactopyranoside**

• p-Tolyl-b-D-galactopyranoside

[3150-22-9] C<sub>13</sub>H<sub>18</sub>O<sub>6</sub> 270.28

MM04901

500mg	\$185.00
1g	\$315.00
2g	\$525.00

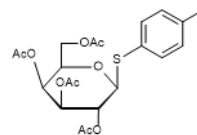
**Methyl 6-O-(phenylmethyl)-a-D-glucopyranoside 2,3-diacetate**

see 6-O-Benzyl-2,3-di-O-acetyl-methyl-a-D-glucopyranoside, MB16626 on page 108

**4-Methylphenyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside**[28244-99-7] C<sub>21</sub>H<sub>26</sub>O<sub>9</sub>S 454.49

MM04724

1g	\$90.00
2g	\$150.00
5g	\$300.00

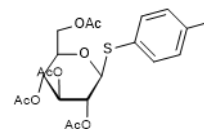
**4-Methylphenyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucofuranoside**

• Toluoyl 2,3,4,6-tetra-O-acetyl-1-thio-b-D-glucopyranoside

[28244-94-2] C<sub>21</sub>H<sub>26</sub>O<sub>9</sub>S 454.5

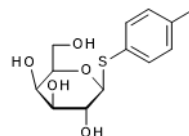
MM08173

Price On Application

**4-Methylphenyl b-D-thiogalactopyranoside**[28244-98-6] C<sub>13</sub>H<sub>18</sub>O<sub>5</sub>S 286.35

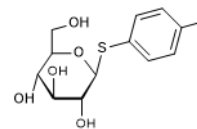
MM04946

2g	\$89.30
5g	\$168.00
10g	\$315.00

**4-Methylphenyl b-D-thioglucofuranoside**[1152-39-2] C<sub>13</sub>H<sub>18</sub>O<sub>5</sub>S 286.35

MM08175

1g	\$75.00
2g	\$130.00
5g	\$225.00



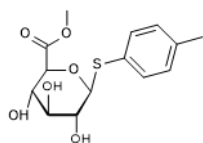
**Methylphenyl****4-Methylphenyl b-D-thioglucuronide methyl ester**

• Toluoyl 1-thio-b-D-glucuronide methyl ester

C<sub>14</sub>H<sub>16</sub>O<sub>6</sub>S 314.36

MM08181

Price On Application

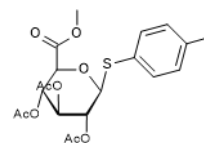
**4-Methylphenyl 2,3,4-tri-O-acetyl-b-D-thioglucuronide methyl ester**

• Toluoyl 1-thio-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester

C<sub>20</sub>H<sub>24</sub>O<sub>9</sub>S 440.47

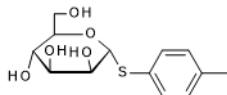
MM08182

Price On Application

**4-Methylphenyl-a-D-thiomannopyranoside**[457931-46-3] C<sub>13</sub>H<sub>18</sub>O<sub>5</sub>S 286.35

MM10122

1g	\$157.50
2g	\$262.50
5g	\$420.00

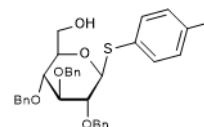
**4-Methylphenyl 2,3,4-tri-O-benzyl-b-D-thioglucopyranoside**

• Toluoyl 1-thio-2,3,4-tri-O-benzyl-b-D-glucopyranoside

C<sub>34</sub>H<sub>36</sub>O<sub>5</sub>S 556.71

MM08171

Price On Application

**4-Methylphenyl 3,4,6-tri-O-acetyl-2-O-benzyl-b-D-thiogalactopyranoside**[189744-09-0] C<sub>26</sub>H<sub>30</sub>O<sub>8</sub>S 502.58

MM76700

Price On Application

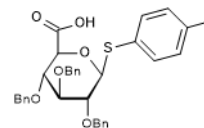
**4-Methylphenyl 2,3,4-tri-O-benzyl-b-D-thioglucuronide**

• Toluoyl 1-thio-2,3,4-tri-O-benzyl-b-D-glucuronic acid

C<sub>34</sub>H<sub>34</sub>O<sub>6</sub>S 570.71

MM08172

Price On Application

**Methyl (Phenyl 7,8,9-Tri-O-acetyl-5-N,4-O-carbonyl-3,5-dideoxy-2-thio-D-glycero-b-D-galacto-2-nonulopyranosid)onate**see *Methyl 7,8,9-Tri-O-acetyl-5-N,4-O-carbonyl-3,5-dideoxy-2-S-phenyl-2-thio-D-glycero-b-D-galacto-2-nonulopyranosylonate*, MM60572 on page 418**Methyl (Phenyl 2,3,4-Tri-O-acetyl-1-thio-b-D-glucopyranosid)uronate**

• GlcA[234Ac,6Me]-b-SPh

[62812-42-4] C<sub>19</sub>H<sub>22</sub>O<sub>9</sub>S 426.44

MM60569

250mg	\$67.00
500mg	\$117.00
1g	\$204.00

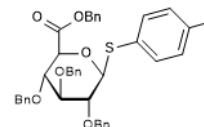
**4-Methylphenyl 2,3,4-tri-O-benzyl-b-D-thioglucuronide benzyl ester**

• Toluoyl 1-thio-2,3,4-tri-O-benzyl-b-D-glucuronide benzyl ester

C<sub>41</sub>H<sub>40</sub>O<sub>6</sub>S 660.82

MM08185

Price On Application



## Methylphenyl 2,3,4-tri-O-benzyl-b-L-thiorhamnopyranose

MM35413

Price On Application



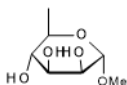
## 1-O-Methyl a-D-rhamnopyranoside

• Methyl 6-deoxy-a-D-mannopyranoside

[15814-59-2] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18

MM05367

Price On Application



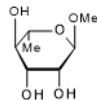
## Methyl a-L-rhamnopyranoside

• Methyl 6-deoxy-a-L-mannopyranoside

[14917-55-6] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18

MM05579

1g	\$47.30
2g	\$73.50
5g	\$131.30



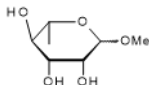
Refs: Shalaby MA, Fronczek FR, Younathan ES, Carbohydr. Res. 1994, 258, p267-74

## Methyl L-rhamnopyranoside

[63864-94-8] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub> 178.18

MM04935

250mg	\$95.00
500mg	\$160.00
1g	\$275.00



Refs: Gorshkova RP, Kalmykova EN, Isakov VV, Ovodov YS, Eur. J. Biochem. 1986, 156, p391

## Methyl a-D-ribofuranoside - 95% oil

[52485-92-4] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM16236

500mg	\$135.00
1g	\$250.00
2g	\$450.00

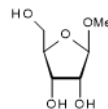


## Methyl b-D-ribofuranoside

[7473-45-2] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM04081

5g	\$55.00
10g	\$95.00
25g	\$175.00



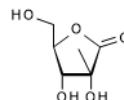
Refs: Buchini S, Leumann CJ, Nucleosides Nucleotides &amp; Nucleic Acids 2003, 22, 5-8, p1199; Heath O, et al, J. Chem. Soc. Perkin Trans. 1, 1983, p2675

## 2-C-Methyl-D-ribo-1,4-lactone

[492-30-8] C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 162.14

MM05250

5g	\$60.00
10g	\$100.00
25g	\$200.00



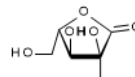
Refs: Lopez-Herrera FJ, Sarabia-Garcia F, et al, J. Carbohydr. Chem. 1994, 13, 5, p767

## 2-C-Methyl-L-ribo-1,4-lactone

C<sub>6</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MM08547

Price On Application

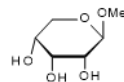


## Methyl b-D-ribofuranoside

[17289-61-1] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM06684

1g	\$65.00
2g	\$115.00
5g	\$210.00



## Methylsalicy

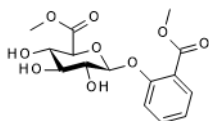
## Methyl salicylate b-D-O-glucuronide methyl ester

• 2-(Methoxycarbonyl)phenyl b-D-glucopyranosiduronic Acid Methyl Ester

[226932-59-8] C<sub>15</sub>H<sub>16</sub>O<sub>9</sub> 342.3

MM16797

5mg	\$150.00
10mg	\$272.60
25mg	\$496.00



Refs: Grootveld, M, et al, Biochem. Pharmacol, 37, 271

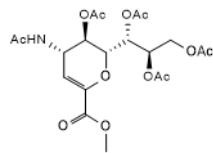
## Methyl 5,7,8,9-tetra-O-acetyl-4-acylamino-2,6-anhydro-3,4-dideoxy-D-glycero-D-galacto-2-enonate

• 4-(Acetylamino)-2,6-anhydro-3,4-dideoxy-D-glycero-D-galacto-non-2-enonic acid methyl ester 5,7,8,9-tetraacetate

[173467-18-0] C<sub>20</sub>H<sub>27</sub>NO<sub>12</sub> 473.43

MM16793

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10



## 4-Methyl-7-[(2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl)oxy]-2H-1-benzopyran-2-one

see 4-Methylumbelliferyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside, MM16800 on page 429

## Methyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranose

• Methyl b-D-glucopyranoside tetraacetate

[4860-85-9] C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

MM05441

2g	\$400.00
5g	\$650.00
10g	\$975.00

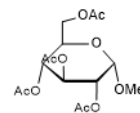


## Methyl 2,3,4,6-tetra-O-acetyl-a-D-glucopyranoside

[604-70-6] C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

MM05340

100mg	\$50.00
250mg	\$105.00
500mg	\$175.00



Refs: J. Am. Chem. Soc. 1957, 47, p700



## Methyl(1,2,3,4-tetra-O-acetyl-b-D-glucopyranoside)uronate

see 1,2,3,4-Tetra-O-acetyl-b-D-glucuronide methyl ester, MT06631 on page 532

## Methyl 1,2,3,4-tetra-O-acetyl-D-glucopyranosiduronate

see 1,2,3,4-Tetra-O-acetyl-D-glucuronide methyl ester, MT04862 on page 532

## Methyl 1,2,3,4-tetra-O-acetyl-a-D-glucopyranuronate

see 1,2,3,4-Tetra-O-acetyl-a-D-glucuronide methyl ester, MT01646 on page 532

## Methyl 1,2,3,4-tetra-O-acetyl-b-D-glucopyranuronate

see 1,2,3,4-Tetra-O-acetyl-b-D-glucuronide methyl ester, MT06631 on page 532

## Methyl 1,2,3,4-tetra-O-acetyl-D-glucopyranuronate

see 1,2,3,4-Tetra-O-acetyl-D-glucuronide methyl ester, MT04862 on page 532

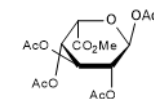
## Methyl 1,2,3,4-tetra-O-acetyl-a-L-idopyranuronate

• Methyl 1,2,3,4-tetra-O-acetyl-a-L-iduronate

[108032-41-3] C<sub>15</sub>H<sub>20</sub>O<sub>11</sub> 376.31

MM04944

10mg	\$73.50
25mg	\$157.50
50mg	\$276.00



## Methyl 1,2,3,4-tetra-O-acetyl-a-L-iduronate

see Methyl 1,2,3,4-tetra-O-acetyl-a-L-idopyranuronate, MM04944 on page 414

M

**Methyl-2,3,4,6-tetra-O-acetyl-alpha-D-mannopyranoside**[5019-24-9][5019-25-0] C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

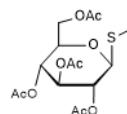
MM70926

1g	\$44.00
2g	\$70.00
5g	\$140.00

**Methyl 2,3,4,6-tetra-O-acetyl-beta-D-thioglucopyranoside**[13350-45-3] C<sub>15</sub>H<sub>22</sub>O<sub>9</sub>S 378.4

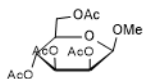
MM05202

50mg	\$42.00
100mg	\$79.00
250mg	\$157.50

**Methyl 2,3,4,6-tetra-O-acetyl-beta-D-mannopyranoside**[5019-25-0] C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

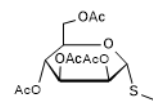
MM04927

100mg	\$450.00
250mg	\$650.00
500mg	\$950.00

**Methyl 2,3,4,6-tetra-O-acetyl-alpha-D-thiomannopyranoside**[64550-71-6] C<sub>15</sub>H<sub>22</sub>O<sub>9</sub>S 378.4

MM05215

250mg	\$95.00
500mg	\$160.00
1g	\$260.00

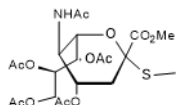


Refs: Mori M, Ito Y, Ogawa T, Carbohydr. Res. 1990, Jan 15, 195(2), 199-224

**Methyl 4,7,8,9-tetra-O-acetyl-2-thio-N-acetyl-alpha-D-neuraminic acid methyl ester**[116450-06-7] C<sub>21</sub>H<sub>31</sub>NO<sub>12</sub>S 521.54

MM06151

25mg	\$136.50
50mg	\$210.00
100mg	\$368.00

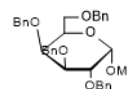


Refs: Hasegawa A, et al, J. Carbohydr. Chem. 1991, 10, 493; Hasegawa A, et al, Carbohydr. Res. 1991, 212, 277

**Methyl 2,3,4,6-tetra-O-benzyl-alpha-D-galactopyranoside**[53008-63-2] C<sub>38</sub>H<sub>38</sub>O<sub>6</sub> 554.67

MM04924

5g	\$50.00
10g	\$85.00
25g	\$150.00

**Methyl 2,3,4,6-tetra-O-benzyl-beta-D-galactopyranoside**

[19488-61-0]

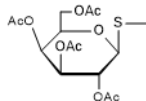
MM01457

Price On Application

**Methyl 2,3,4,6-tetra-O-acetyl-beta-D-thiogalactopyranoside**[55722-48-0] C<sub>15</sub>H<sub>22</sub>O<sub>9</sub>S 378.4

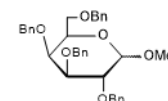
MM05217

50mg	\$150.00
100mg	\$275.00
250mg	\$450.00

**Methyl 2,3,4,6-tetra-O-benzyl-D-galactopyranoside**[195827-82-8] C<sub>38</sub>H<sub>38</sub>O<sub>6</sub> 554.67

MM02503

5g	\$105.00
10g	\$195.00
25g	\$375.00

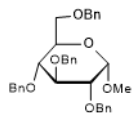


Refs: Denekamp C, Sanders Y, J. Mass Spectrom. Vol 40, No8, p1055-1063

**Methyltetrab****Methyl 2,3,4,6-tetra-O-benzyl- $\alpha$ -D-glucopyranoside**[17791-37-6] C<sub>35</sub>H<sub>38</sub>O<sub>6</sub> 554.67

MM06624

2g	\$89.30
5g	\$157.50
10g	\$288.80



Refs: Lecourt T, Herault A, Pearce AJ, Sollogoub M, Eur. J. Chem. 10, 12, p2863

**Methyl 2,3,4,6-tetra-O-benzyl- $\beta$ -D-glucopyranoside**

MM30083

1g	\$682.50
2g	\$997.50
5g	\$1706.30

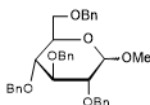
**Methyl 2,3,4,6-tetra-O-benzyl-D-glucopyranoside**

• Perbenzylated methylglucoside

[84799-77-9][3879-79-6] C<sub>35</sub>H<sub>38</sub>O<sub>6</sub> 554.67

MM06071

50g	\$60.00
100g	\$87.00
250g	\$175.00

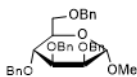


Refs: Nikolaev AV, Kochetkov NK, Russ. Chem. Bull. Vol 35, No111986, p2342-2350

**Methyl 2,3,4,6-tetra-O-benzyl- $\alpha$ -D-mannopyranoside**[61330-62-9] C<sub>35</sub>H<sub>38</sub>O<sub>6</sub> 554.67

MM05339

1g	\$60.00
2g	\$100.00
5g	\$210.00



Refs: Lin CC, Moris-Varas F, Weitz-Schmidt G, Wong CH, Bioorg. Med. Chem. 1999, 7, p425

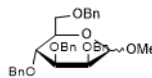
**Methyl 2,3,4,6-tetra-O-benzyl-D-mannopyranoside**

• Methyl 2,3,4,6-tetrakis-O-(phenylmethyl)-D-mannopyranoside

[83462-67-3] C<sub>35</sub>H<sub>38</sub>O<sub>6</sub> 554.67

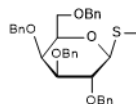
MM16787

500mg	\$115.00
1g	\$199.90
2g	\$363.40

**Methyl 2,3,4,6-tetra-O-benzyl- $\beta$ -D-thiogalactopyranoside**[97205-08-8] C<sub>35</sub>H<sub>38</sub>O<sub>5</sub>S 570.74

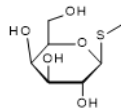
MM05400

5g	\$52.50
10g	\$78.80
25g	\$157.50

**Methyl 2,3,4,6-tetrakis-O-(phenylmethyl)-D-mannopyranoside**see *Methyl 2,3,4,6-tetra-O-benzyl-D-mannopyranoside*, MM16787 on page 416**Methyl 1,2,3,4-tetra-O-pivaloyl- $\beta$ -D-glucopyranosyluronate**see *1,2,3,4-Tetra-O-pivaloyl- $\beta$ -D-glucuronide methyl ester*, MT10321 on page 554**Methyl  $\beta$ -D-thiogalactopyranoside**• Methyl-1-thio- $\beta$ -D-galactoside[155-30-6] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub>S 210.25

MM03852

500mg	\$85.00
1g	\$150.00
2g	\$250.00



Refs: Barkley MD, et al, Biochem. 1975, 14, p1700; Gonzalez JB, Biotechnol. Lett. 1982, 4, p369

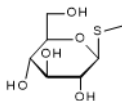
**Methyl-1-thio- $\beta$ -D-galactoside**see *Methyl  $\beta$ -D-thiogalactopyranoside*, MM03852 on page 416



**Methyl b-D-thioglucopyranoside**[30760-09-9] C<sub>7</sub>H<sub>14</sub>O<sub>5</sub>S 210.25

MM03850

50mg	\$50.00
100mg	\$80.00
250mg	\$150.00



Refs: Oscarson S, Svahnberg P, Perkin 1, 2001, p873-879

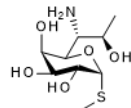
**Methyl 1-thiolicosaminide**

- Methyl 6-amino-6,8-dideoxy-1-thio-D-erythro-a-D-galacto-octopyranoside
- Methyl a-thiolicosaminide

[14810-93-6] C<sub>9</sub>H<sub>19</sub>NO<sub>5</sub>S 253.32

MM16786

25mg	\$140.00
50mg	\$255.00
100mg	\$460.00



Refs: Horton, D, et al, Anal. Biochem, 59, 452 (1974)

**Methyl a-thiolicosaminide**see *Methyl 1-thiolicosaminide*, MM16786 on page 417**Methyl a-D-thiomannopyranoside**

[80734-76-5]

MM00136

100g \$2500.00

**Methyl b-D-thioxylopyranoside**

[2595-45-1]

MM03853

Price On Application

**Methyl 6-O-p-toluenesulfonyl-a-D-glucopyranoside**

[6619-9-6]

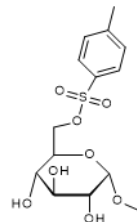
MM58371

250mg	\$230.00
500mg	\$370.00
1g	\$590.51

**Methyl 6-O-p-toluenesulfonyl-a-D-glucopyranoside**C<sub>14</sub>H<sub>20</sub>O<sub>8</sub>S 348.37

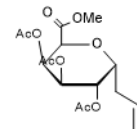
MM07121

Price On Application

**Methyl 3,4,5-tri-O-acetyl-2,6-anhydro-7,8,9-trideoxy-D-glycero-L-galactonon-8-enonate**C<sub>18</sub>H<sub>22</sub>O<sub>9</sub> 358.35

MM05756

100mg	\$126.00
250mg	\$262.50
500mg	\$420.00

**Methyl 2,3,5-tri-O-acetyl-D-arabinofuranoside**

[90244-44-3]

MM31838

Price On Application



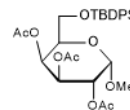
**Methyltriace****Methyl 2,3,4-tri-O-acetyl-6-azido-6-deoxy-a-D-glucopyranoside**[21893-05-0] C<sub>13</sub>H<sub>19</sub>N<sub>3</sub>O<sub>8</sub> 345.31

MM44427

250mg \$125.00  
500mg \$200.00  
1g \$325.00**Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidiphenylsilyl-a-D-galactopyranoside**[169686-81-1] C<sub>29</sub>H<sub>38</sub>O<sub>9</sub>Si 558.71

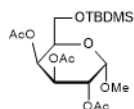
MM08872

Price On Application

**Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidimethylsilyl-a-D-galactopyranoside**[594841-23-3] C<sub>19</sub>H<sub>34</sub>O<sub>9</sub>Si 434.56

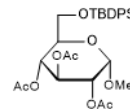
MM08858

Price On Application

**Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidiphenylsilyl-a-D-glucopyranoside**[790685-09-5] C<sub>29</sub>H<sub>38</sub>O<sub>9</sub>Si 558.71

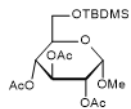
MM08873

Price On Application

**Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidimethylsilyl-a-D-glucopyranoside**[63734-11-2] C<sub>19</sub>H<sub>34</sub>O<sub>9</sub>Si 434.56

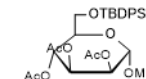
MM08859

Price On Application

**Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidiphenylsilyl-a-D-mannopyranoside**C<sub>29</sub>H<sub>38</sub>O<sub>9</sub>Si 558.71

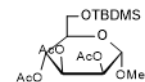
MM08874

Price On Application

**Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidimethylsilyl-a-D-mannopyranoside**C<sub>19</sub>H<sub>34</sub>O<sub>9</sub>Si 434.56

MM08860

Price On Application

**Methyl 7,8,9-Tri-O-acetyl-5-N,4-O-carbonyl-3,5-dideoxy-2-S-phenyl-2-thio-D-glycero-b-D-galacto-2-nonulopyranosylonate**

• Methyl (Phenyl 7,8,9-Tri-O-acetyl-5-N,4-O-carbonyl-3,5-dideoxy-2-thio-D-glycero-b-D-galacto-2-nonulopyranosid)onate

525.53

MM60572

Price On Application

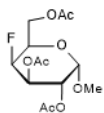


M

**Methyl 2,3,6-tri-O-acetyl-4-deoxy-4-fluoro- $\alpha$ -D-galactopyranoside**[32934-08-0] C<sub>13</sub>H<sub>19</sub>FO<sub>8</sub> 322.28

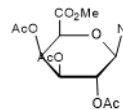
MM06781

5mg	\$89.30
10mg	\$168.00
25mg	\$315.00

**Methyl 2,3,4-tri-O-acetyl- $\beta$ -D-galactopyranuronosyl azide**C<sub>13</sub>H<sub>17</sub>N<sub>3</sub>O<sub>9</sub> 359.29

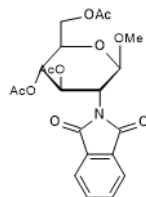
MM06581

50mg	\$50.00
100mg	\$80.00
250mg	\$162.50

**Methyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido- $\beta$ -D-glucopyranoside**• Methyl 2-deoxy-2-N-phthalimido-3,4,6-tri-O-acetyl- $\beta$ -D-glucopyranoside[76101-13-8] C<sub>21</sub>H<sub>23</sub>NO<sub>10</sub> 449.41

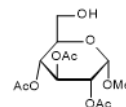
MM04928

25mg	\$45.00
50mg	\$75.00
100mg	\$100.00

**Methyl 2,3,4-tri-O-acetyl- $\alpha$ -D-glucopyranoside**C<sub>13</sub>H<sub>20</sub>O<sub>9</sub> 320.3

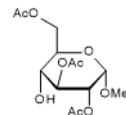
MM08843

10mg	\$105.00
25mg	\$210.00
50mg	\$315.00

**Methyl 2,3,6-tri-O-acetyl- $\alpha$ -D-glucopyranoside**[18031-51-1] C<sub>13</sub>H<sub>20</sub>O<sub>9</sub> 320.29

MM06731

5mg	\$89.30
10mg	\$168.00
25mg	\$315.00



Refs: Sofian A, Lee C, J. Carbohydr. Chem. 2001, 20, 6, p431

**Methyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido- $\beta$ -D-thioglucopyranoside**[79528-48-6] C<sub>21</sub>H<sub>23</sub>NO<sub>8</sub>S 465.47

MM60568

250mg	\$49.00
500mg	\$85.00
1g	\$148.00

**Methyl 2,4,6-tri-O-acetyl- $\beta$ -D-glucopyranoside**

[92008-11-2]

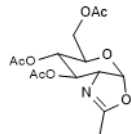
MM45622

2g	\$700.00
5g	\$1375.00
10g	\$2050.00

**2-Methyl-(3,4,6-tri-O-acetyl-1,2-dideoxy- $\alpha$ -D-glucopyrano)-[2,1-d]-2-oxazoline**[35954-65-5] C<sub>14</sub>H<sub>19</sub>NO<sub>8</sub> 329.31

MM07263

100mg	\$95.00
250mg	\$210.00
500mg	\$370.00



## Methyltriace

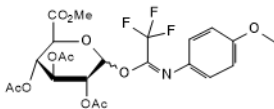
## Methyl 2,3,4-triacetyl-D-glucopyranosiduronyl 1-(N-(4-methoxyphenyl)-2,2,2-trifluoroacetimidate)

• D-Glucopyranuronic acid methyl ester 2,3,4-triacetate-1-[2,2,2-trifluoro-N-(4-methoxyphenyl)ethanimidate]

[918158-52-8] C<sub>22</sub>H<sub>24</sub>F<sub>3</sub>NO<sub>11</sub> 535.42

MM16788

10mg \$120.10  
25mg \$218.50  
50mg \$396.50



## Methyl-(2,3,4-tri-O-acetyl-a-D-glucopyranosyl trichloroacetimidate)uronate

see 2,3,4-Tri-O-acetyl-a-D-glucuronide methyl ester trichloroacetimidate, MT04878 on page 572

M

## Methyl-(2,3,4-tri-O-acetyl-b-D-glucopyranosyl trichloroacetimidate)uronate

see 2,3,4-Tri-O-acetyl-b-D-glucuronide methyl ester trichloroacetimidate, MT16883 on page 572

## Methyl-(2,3,4-tri-O-acetyl-a-D-glucopyranosyl)uronate

see 2,3,4-Tri-O-acetyl-a-D-glucuronic acid methyl ester, MT16881 on page 571

## Methyl-(2,3,4-tri-O-acetyl-D-glucopyranosyl)uronate

see 2,3,4-Tri-O-acetyl-D-glucuronide methyl ester, MT05111 on page 572

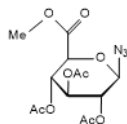
## Methyl 2,3,4-tri-O-acetyl-b-D-glucopyranuronosyl azide

• 1-Azido-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester

[67776-38-9] C<sub>13</sub>H<sub>17</sub>N<sub>3</sub>O<sub>9</sub> 359.29

MM04012

100mg \$95.00  
250mg \$150.00  
500mg \$250.00

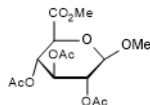


## Methyl 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester

[34213-34-8] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.31

MM09617

5mg \$99.80  
10mg \$157.50  
25mg \$236.50

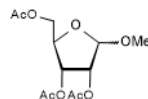


## Methyl 2,3,5-tri-O-acetyl-D-ribofuranoside

[52554-28-6] C<sub>12</sub>H<sub>18</sub>O<sub>8</sub> 290.27

MM01878

250mg \$92.50  
500mg \$160.00  
1g \$315.00

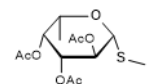


## Methyl 2,3,4-tri-O-acetyl-b-L-thiofucopyranoside

[84635-54-1] C<sub>13</sub>H<sub>20</sub>O<sub>7</sub>S 320.36

MM07042

250mg \$92.50  
500mg \$160.00  
1g \$262.50



## Methyl 2,3,4-tri-O-acetyl-b-D-thiogalactopyranosiduronic acid methyl ester

see Methyl 2,3,4-tri-O-acetyl-b-D-thiogalacturonide methyl ester, MM45843 on page 420

## Methyl 2,3,4-tri-O-acetyl-b-D-thiogalacturonide methyl ester

• Methyl 2,3,4-tri-O-acetyl-b-D-thiogalactopyranosiduronic acid methyl ester

[129541-34-0] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub>S 364.37

MM45843

Price On Application

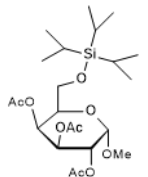


## Methyl 2,3,4-tri-O-acetyl-6-O-triisopropylsilyl-a-D-galactopyranoside

C<sub>22</sub>H<sub>40</sub>O<sub>9</sub>Si 476.64

MM09030

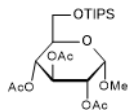
Price On Application



**Methyl 2,3,4-tri-O-acetyl-6-O-triisopropylsilyl-a-D-glucopyranoside**C<sub>22</sub>H<sub>40</sub>O<sub>9</sub>Si 476.64

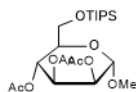
MM09031

Price On Application

**Methyl 2,3,4-tri-O-acetyl-6-O-triisopropylsilyl-a-D-mannopyranoside**C<sub>22</sub>H<sub>40</sub>O<sub>9</sub>Si 476.64

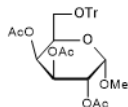
MM09032

Price On Application

**Methyl 2,3,4-tri-O-acetyl-6-O-trityl-a-D-galactopyranoside**[38982-56-8] C<sub>32</sub>H<sub>34</sub>O<sub>9</sub> 562.62

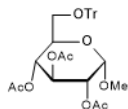
MM09041

Price On Application

**Methyl 2,3,4-tri-O-acetyl-6-O-trityl-a-D-glucopyranoside**[18031-49-7] C<sub>32</sub>H<sub>34</sub>O<sub>9</sub> 562.62

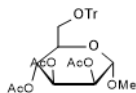
MM09042

Price On Application

**Methyl 2,3,4-tri-O-acetyl-6-O-trityl-a-D-mannopyranoside**[7511-40-2] C<sub>32</sub>H<sub>34</sub>O<sub>9</sub> 562.62

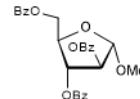
MM09043

Price On Application

**Methyl 2,3,5-tri-O-benzoyl-a-D-arabinofuranoside**[7473-42-9] C<sub>27</sub>H<sub>24</sub>O<sub>8</sub> 476.47

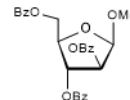
MM06686

1g	\$60.00
2g	\$90.00
5g	\$175.00

**Methyl 2,3,5-tri-O-benzoyl-b-D-arabinofuranoside**C<sub>27</sub>H<sub>24</sub>O<sub>8</sub> 476.47

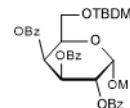
MM06330

1g	\$84.00
2g	\$136.50
5g	\$288.80

**Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butyltrimethylsilyl-a-D-galactopyranoside**C<sub>34</sub>H<sub>40</sub>O<sub>9</sub>Si 620.78

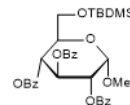
MM08861

Price On Application

**Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butyltrimethylsilyl-a-D-glucopyranoside**[128142-70-1] C<sub>34</sub>H<sub>40</sub>O<sub>9</sub>Si 620.78

MM08862

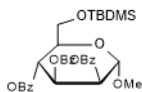
1g	\$262.50
2g	\$420.00
5g	\$945.00



**Methyltriben****Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butyl dimethylsilyl-a-D-mannopyranoside**[853879-39-7] C<sub>34</sub>H<sub>40</sub>O<sub>9</sub>Si 620.78

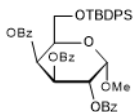
MM08863

Price On Application

**Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butyl diphenylsilyl-a-D-galactopyranoside**C<sub>44</sub>H<sub>44</sub>O<sub>9</sub>Si 744.92

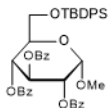
MM08875

Price On Application

**Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butyl diphenylsilyl-a-D-glucopyranoside**C<sub>44</sub>H<sub>44</sub>O<sub>9</sub>Si 744.92

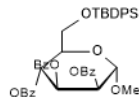
MM08876

Price On Application

**Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butyl diphenylsilyl-a-D-mannopyranoside**C<sub>44</sub>H<sub>44</sub>O<sub>9</sub>Si 744.92

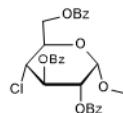
MM08877

Price On Application

**Methyl 2,3,6-tri-O-benzoyl-4-deoxy-4-chloro-a-D-glucopyranoside**[41881-07-6] C<sub>28</sub>H<sub>25</sub>ClO<sub>8</sub> 524.96

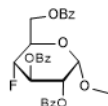
MM07156

2g	\$48.30
5g	\$91.90
10g	\$157.50

**Methyl 2,3,6-tri-O-benzoyl-4-deoxy-4-fluoro-a-D-glucopyranoside**C<sub>28</sub>H<sub>25</sub>FO<sub>8</sub> 508.49

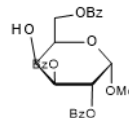
MM06982

5g	\$99.80
10g	\$157.50
25g	\$262.50

**4-Methyl-7-[[2,3,4-tri-O-benzoyl-6-O-[(1,1-dimethylethyl)diphenylsilyl]-b-D-galactopyranosyl]oxy]-2H-1-benzopyran-2-one**see *4-Methylumbelliferyl 2,3,4-tri-O-benzoyl-6-O-(tert-butyl diphenylsilyl)-b-D-galactopyranoside*, MM16801 on page 429**Methyl 2,3,6-tri-O-benzoyl-a-D-galactopyranoside**[3601-36-3] C<sub>28</sub>H<sub>26</sub>O<sub>9</sub> 506.5

MM04918

2g	\$44.10
5g	\$78.80
10g	\$105.00

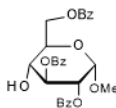


Refs: Lopes DP, Taylor NF, Carbohydr. Res. 1979, 73, p125-34

**Methyl 2,3,6-tri-O-benzoyl-a-D-glucopyranoside**[34234-44-1] C<sub>28</sub>H<sub>26</sub>O<sub>9</sub> 506.5

MM07023

250mg	\$95.00
1g	\$168.00
2g	\$320.00



**Methyl-(2,3,4-tri-O-benzoyl-a-D-glucopyranosyl trichloroacetimidate)uronate**

see 2,3,4-Tri-O-benzoyl-a-D-glucuronide methyl ester trichloroacetimidate, MT05731 on page 577

**Methyl-2,3,6-tri-O-benzoyl-a-D-mannopyranose monohydrate**

MM58372

250mg	\$195.00
500mg	\$310.00
1g	\$492.96

**Methyl 2,3,6-tri-O-benzoyl-a-D-mannopyranoside**[3396-68-7] C<sub>28</sub>H<sub>26</sub>O<sub>9</sub> 506.5

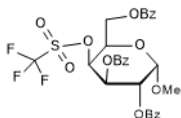
MM45074

1g	\$100.00
2g	\$170.00
5g	\$325.00

**Methyl 2,3,6-tri-O-benzoyl-4-O-trifluoromethanesulfonyl-a-D-galactopyranoside**[79580-70-4] C<sub>29</sub>H<sub>25</sub>F<sub>3</sub>O<sub>11</sub>S 638.56

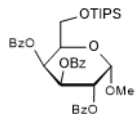
MM06780

250mg	\$262.50
500mg	\$420.00
1g	\$630.00

**Methyl 2,3,4-tri-O-benzoyl-6-O-triisopropylsilyl-a-D-galactopyranoside**[356060-82-7] C<sub>37</sub>H<sub>46</sub>O<sub>9</sub>Si 662.84

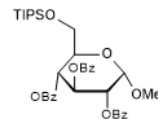
MM09033

Price On Application

**Methyl 2,3,4-tri-O-benzoyl-6-O-triisopropylsilyl-a-D-glucopyranoside**[356060-80-5] C<sub>37</sub>H<sub>46</sub>O<sub>9</sub>Si 662.86

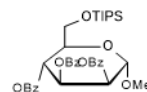
MM09725

Price On Application

**Methyl 2,3,4-tri-O-benzoyl-6-O-triisopropylsilyl-a-D-mannopyranoside**C<sub>37</sub>H<sub>46</sub>O<sub>9</sub>Si 662.86

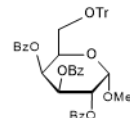
MM09034

Price On Application

**Methyl 2,3,4-tri-O-benzoyl-6-O-trityl-a-D-galactopyranoside**[130163-39-2] C<sub>47</sub>H<sub>40</sub>O<sub>9</sub> 748.84

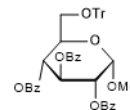
MM09044

Price On Application

**Methyl 2,3,4-tri-O-benzoyl-6-O-trityl-a-D-glucopyranoside**[20231-39-4] C<sub>47</sub>H<sub>40</sub>O<sub>9</sub> 748.84

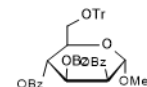
MM09045

Price On Application

**Methyl 2,3,4-tri-O-benzoyl-6-O-trityl-a-D-mannopyranoside**[198338-59-9] C<sub>47</sub>H<sub>40</sub>O<sub>9</sub> 748.84

MM09046

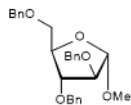
Price On Application



**Methyltriben****Methyl 2,3,5-tri-O-benzyl-a-D-arabinofuranoside**C<sub>27</sub>H<sub>30</sub>O<sub>5</sub> 434.52

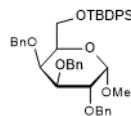
MM06848

10g	\$294.00
25g	\$577.50
50g	\$945.00

**Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidiphenylsilyl-a-D-galactopyranoside**C<sub>44</sub>H<sub>50</sub>O<sub>6</sub>Si 702.95

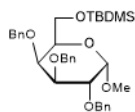
MM09223

Price On Application

**Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidimethylsilyl-a-D-galactopyranoside**[862730-60-7] C<sub>34</sub>H<sub>46</sub>O<sub>6</sub>Si 578.83

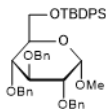
MM08864

Price On Application

**Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidiphenylsilyl-a-D-glucopyranoside**[58479-67-7] C<sub>44</sub>H<sub>50</sub>O<sub>6</sub>Si 702.97

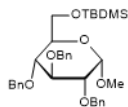
MM08878

Price On Application

**Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidimethylsilyl-a-D-glucopyranoside**[166592-73-0] C<sub>34</sub>H<sub>46</sub>O<sub>6</sub>Si 578.83

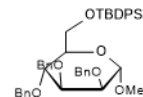
MM08865

Price On Application

**Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidiphenylsilyl-a-D-mannopyranoside**[186540-03-4] C<sub>44</sub>H<sub>50</sub>O<sub>6</sub>Si 702.97

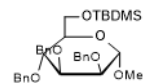
MM08879

Price On Application

**Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidimethylsilyl-a-D-mannopyranoside**[206186-94-9] C<sub>34</sub>H<sub>46</sub>O<sub>6</sub>Si 578.83

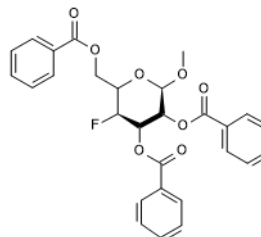
MM08866

Price On Application

**Methyl 2,3,6-tri-O-benzyl-4-deoxy-4-fluoro-a-D-glucopyranoside**[84065-98-5] C<sub>28</sub>H<sub>28</sub>FO<sub>8</sub> 508.49

MM16792

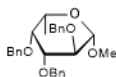
25mg	\$110.00
50mg	\$200.50
100mg	\$364.00





**Methyl 2,3,4-tri-O-benzyl-L-fucopyranoside**[74841-88-6] C<sub>28</sub>H<sub>32</sub>O<sub>5</sub> 448.55

MM04938

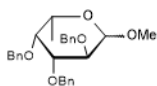
1g \$89.30  
2g \$168.00  
5g \$315.00**Methyl 2,4,6-tri-O-benzyl-α-D-glucopyranoside**

[35303-86-7]

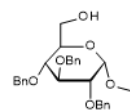
MM58370

500mg \$90.00  
1g \$114.75  
2g \$183.60**Methyl 2,3,4-tri-O-benzyl-L-fucopyranoside**[67576-77-6] C<sub>28</sub>H<sub>32</sub>O<sub>5</sub> 448.55

MM02178

2g \$157.50  
5g \$262.50  
10g \$420.00**Methyl 2,3,4-tri-O-benzyl-α-D-glucopyranoside**[53008-65-4] C<sub>28</sub>H<sub>32</sub>O<sub>6</sub> 464.55

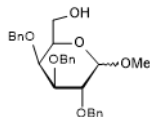
MM06962

500mg \$80.00  
1g \$140.00  
2g \$240.00

Refs: Robertson AAB, Botting NP, J. Labelled Comp. Radiopharm, 2006, 49, 13, p1201

**Methyl 2,3,4-tri-O-benzyl-D-galactopyranoside**[641635-63-4] C<sub>28</sub>H<sub>32</sub>O<sub>6</sub> 464.56

MM07262

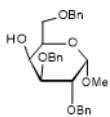
500mg \$200.00  
1g \$300.00  
2g \$500.00**Methyl 2,3,4-tri-O-benzyl-β-D-glucopyranoside**

MM46208

Price On Application

**Methyl 2,3,6-tri-O-benzyl-α-D-galactopyranoside**C<sub>28</sub>H<sub>32</sub>O<sub>6</sub> 464.55

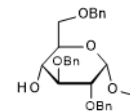
MM03827

1g \$147.00  
5g \$420.00  
10g \$630.00

Refs: Liptak A, Balla E, Janossy L, Sajtos F, Szilagy L, Tetrahedron Lett. 2004, Vol45, No4, p839-842

**Methyl 2,3,6-tri-O-benzyl-α-D-glucopyranoside**[19488-48-3] C<sub>28</sub>H<sub>32</sub>O<sub>6</sub> 464.22

MM03805

1g \$500.00  
2g \$900.00  
5g \$1500.00**Methyl 3,5,6-tri-O-benzyl-D-glucufuranoside**

[55902-93-7]

MM04026

Price On Application

**Methyl 2,3,6-tri-O-benzyl-β-D-glucopyranoside**[19488-49-4] C<sub>28</sub>H<sub>32</sub>O<sub>6</sub> 464.55

MM30072

1g \$1653.80  
2g \$2625.00  
5g \$4147.50

## MethylTriben

## Methyl 2,3,4-Tri-O-benzyl-a-D-glucuronic acid benzyl Ester

see Methyl 2,3,4-tri-O-benzyl-a-D-glucuronide benzyl ester, MM04936 on page 426

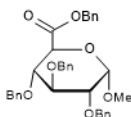
## Methyl 2,3,4-tri-O-benzyl-a-D-glucuronide benzyl ester

- Benzyl (methyl 2,3,4-tri-O-benzyl-a-D-glucopyranosid)uronate
- Methyl 2,3,4-Tri-O-benzyl-a-D-glucuronic acid benzyl Ester

[142797-33-9] C<sub>36</sub>H<sub>36</sub>O<sub>7</sub> 568.66

MM04936

25mg	\$184.00
50mg	\$262.50
100mg	\$420.00



## Methyl 2,3,5-tri-O-benzyl-D-ribofuranoside

[64363-77-5]

MM31847

500mg	\$100.00
1g	\$185.00
2g	\$350.00



## Methyl 2,3,4-tri-O-benzyl ribopyranose

[20787-20-6]

MM45913

1g	\$60.00
2g	\$100.00
5g	\$225.00



M

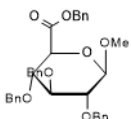
## Methyl 2,3,4-tri-O-benzyl-b-D-glucuronide benzyl ester

- Benzyl (methyl 2,3,4-tri-O-benzyl-b-D-glucopyranosid)uronate

[4356-83-6][142797-33-9] C<sub>36</sub>H<sub>36</sub>O<sub>7</sub> 568.66

MM04945

25mg	\$131.50
50mg	\$210.00

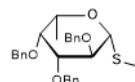


## Methyl 2,3,4-tri-O-benzyl-b-L-thiofucopyranoside

[107802-80-2] C<sub>28</sub>H<sub>32</sub>O<sub>4</sub>S 464.62

MM07043

250mg	\$105.00
500mg	\$185.00
1g	\$336.00

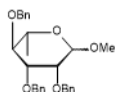


## Methyl 2,3,4-tri-O-benzyl-L-rhamnopyranoside

C<sub>28</sub>H<sub>32</sub>O<sub>5</sub> 448.55

MM06788

100mg	\$90.00
250mg	\$172.50
500mg	\$265.00

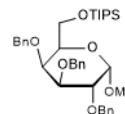


## Methyl 2,3,4-tri-O-benzyl-6-O-triisopropylsilyl-a-D-galactopyranoside

[162147-37-7] C<sub>37</sub>H<sub>52</sub>O<sub>6</sub>Si 620.89

MM09035

Price On Application

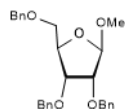


## Methyl 2,3,5-tri-O-benzyl-b-D-ribofuranoside

[55725-85-4] C<sub>27</sub>H<sub>30</sub>O<sub>5</sub> 434.52

MM05732

250mg	\$110.00
500mg	\$200.00
1g	\$300.00

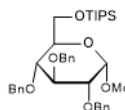


## Methyl 2,3,4-tri-O-benzyl-6-O-triisopropylsilyl-a-D-glucopyranoside

C<sub>37</sub>H<sub>52</sub>O<sub>6</sub>Si 620.91

MM09036

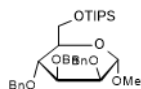
Price On Application



**Methyl 2,3,4-tri-O-benzyl-6-O-triisopropylsilyl-a-D-mannopyranoside**C<sub>37</sub>H<sub>52</sub>O<sub>6</sub>Si 620.91

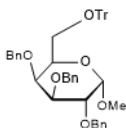
MM09037

Price On Application

**Methyl 2,3,4-tri-O-benzyl-6-O-trityl-a-D-galactopyranoside**[2595-06-4] C<sub>47</sub>H<sub>46</sub>O<sub>6</sub> 706.89

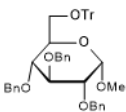
MM09047

Price On Application

**Methyl 2,3,4-tri-O-benzyl-6-O-trityl-a-D-glucopyranoside**[18685-19-3] C<sub>47</sub>H<sub>46</sub>O<sub>6</sub> 706.89

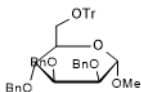
MM09048

Price On Application

**Methyl 2,3,4-tri-O-benzyl-6-O-trityl-a-D-mannopyranoside**[40653-13-2] C<sub>47</sub>H<sub>46</sub>O<sub>6</sub> 706.89

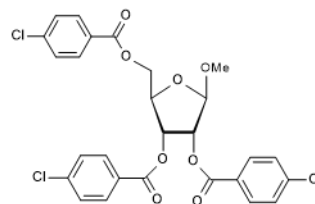
MM09049

Price On Application

**Methyl 2,3,5-tri-O-(p-chlorobenzoyl)-b-D-ribofuranoside**[29755-00-8] C<sub>27</sub>H<sub>21</sub>Cl<sub>3</sub>O<sub>8</sub> 579.81

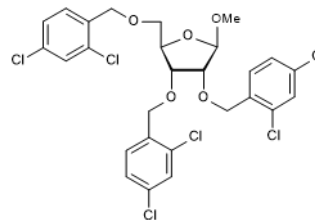
MM06794

500mg	\$80.00
1g	\$126.00
2g	\$199.50

**Methyl 2,3,6-trideoxy-3-[(2,2,2-trifluoroacetyl)amino]-L-lyxo-hexopyranoside**see *Methyl N-trifluoroacetyl-daunosaminide*, MM16796 on page 427**Methyl 2,3,5-tri-O-(2,4-dichlorobenzyl)-b-D-ribofuranoside**C<sub>27</sub>H<sub>24</sub>Cl<sub>6</sub>O<sub>5</sub> 641.21

MM08400

Price On Application

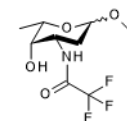
**Methyl N-trifluoroacetyl-daunosaminide**

• Methyl 2,3,6-trideoxy-3-[(2,2,2-trifluoroacetyl)amino]-L-lyxo-hexopyranoside

[51996-41-9] C<sub>9</sub>H<sub>14</sub>F<sub>3</sub>NO<sub>4</sub> 257.21

MM16796

10mg	\$149.90
25mg	\$272.50
50mg	\$496.00



**MethylTriiso****Methyl 2,3,4,5,6,7-Tri-O-isopropylidene-D-glycero-D-talo-heptonate**[132047-00-8] C<sub>17</sub>H<sub>28</sub>O<sub>8</sub> 360.4

MM32693

Price On Application

**Methyl (4R,5S)-2,2,5-trimethyl-1,3-dioxolane-4-carboxylate**see *Methyl 4-deoxy-2,3-O-isopropylidene-L-threonate*, MM63236 on page 387**Methyl 2,3,4-tri-O-methyl-a-D-glucopyranoside**

[4153-24-6]

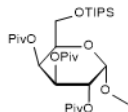
MM157228

100mg	\$950.00
250mg	\$1300.00
500mg	\$1700.00

**Methyl 2,3,4-tri-O-pivaloyl-6-O-triisopropylsilyl-a-D-galactopyranoside**C<sub>31</sub>H<sub>58</sub>O<sub>9</sub>Si 602.87

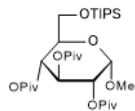
MM09038

Price On Application

**Methyl 2,3,4-tri-O-pivaloyl-6-O-triisopropylsilyl-a-D-glucopyranoside**C<sub>31</sub>H<sub>58</sub>O<sub>9</sub>Si 602.89

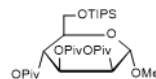
MM09039

Price On Application

**Methyl 2,3,4-tri-O-pivaloyl-6-O-triisopropylsilyl-a-D-mannopyranoside**C<sub>31</sub>H<sub>58</sub>O<sub>9</sub>Si 602.89

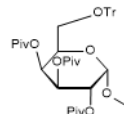
MM09040

Price On Application

**Methyl 2,3,4-tri-O-pivaloyl-6-O-trityl-a-D-galactopyranoside**C<sub>41</sub>H<sub>52</sub>O<sub>9</sub> 688.87

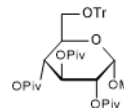
MM09050

Price On Application

**Methyl 2,3,4-tri-O-pivaloyl-6-O-trityl-a-D-glucopyranoside**C<sub>41</sub>H<sub>52</sub>O<sub>9</sub> 688.87

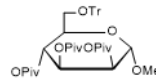
MM09051

Price On Application

**Methyl 2,3,4-tri-O-pivaloyl-6-O-trityl-a-D-mannopyranoside**C<sub>41</sub>H<sub>52</sub>O<sub>9</sub> 688.87

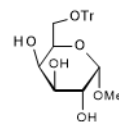
MM09052

Price On Application

**Methyl 6-O-trityl-a-D-galactopyranoside**[35920-83-3] C<sub>26</sub>H<sub>26</sub>O<sub>6</sub> 436.51

MM07266

250mg	\$105.00
500mg	\$200.00
1g	\$315.00



**4-Methylumbelliferyl 2-acetamido-2-deoxy-a-D-galactopyranoside PEG 2000**

MM45245

Price On Application

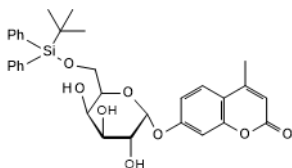
**4-Methylumbelliferyl 6-O-(tert-butyl-diphenylsilyl)-b-D-galactopyranoside**

• 7-[[6-O-[(1,1-Dimethylethyl)diphenylsilyl]-b-D-galactopyranosyl]oxy]-4-methyl-2H-1-benzopyran-2-one

[296776-03-9] C<sub>32</sub>H<sub>36</sub>O<sub>8</sub>Si 576.71

MM16802

25mg	\$150.00
50mg	\$272.50
100mg	\$496.00

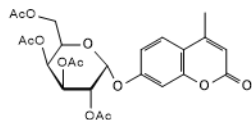


Refs: Simpson, H, et al, J. Biomed. Sci, 50, 164 (1993); Harrison, J, et al, Bioorg. Med. Chem. Lett, 11, 141 (2001); Newstead, S, et al, Biochem, 44, 9117 (2005)

**4-Methylumbelliferyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside**• 4-Methyl-7-[[2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl]oxy]-2H-1-benzopyran-2-one  
• 7-(b-D-Galactopyranosyloxy)-4-methyl-coumarin tetraacetate[6160-79-8] C<sub>24</sub>H<sub>26</sub>O<sub>12</sub> 506.46

MM16800

50mg	\$140.00
100mg	\$255.00
250mg	\$462.50

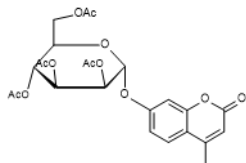


Refs: Simpson, H, et al, J. Biomed. Sci, 50, 164 (1993); Harrison, J, et al, Bioorg. Med. Chem. Lett, 11, 141 (2001); Newstead, S, et al, Biochem, 44, 9117 (2005)

**4-Methylumbelliferyl 2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside**[28541-71-1] C<sub>24</sub>H<sub>26</sub>O<sub>12</sub> 506.46

MM06784

100mg	\$300.00
250mg	\$500.00
500mg	\$800.00

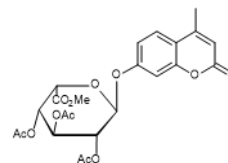
**4-Methylumbelliferyl 2,3,4-tri-O-acetyl-a-L-idopyranosiduronic acid methyl ester**

• Methyl (4-methylumbelliferyl 2,3,4-tri-O-acetyl-a-L-idopyranosid)uronate

[128095-50-1] C<sub>23</sub>H<sub>24</sub>O<sub>12</sub> 492.43

MM06792

1mg	\$89.30
2mg	\$168.00
5mg	\$262.50

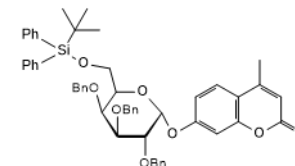
**4-Methylumbelliferyl 2,3,4-tri-O-benzoyl-6-O-(tert-butyl-diphenylsilyl)-b-D-galactopyranoside**

• 4-Methyl-7-[[2,3,4-tri-O-benzoyl-6-O-[(1,1-dimethylethyl)diphenylsilyl]-b-D-galactopyranosyl]oxy]-2H-1-benzopyran-2-one

[920975-58-2] C<sub>53</sub>H<sub>48</sub>O<sub>11</sub>Si 889.03

MM16801

10mg	\$125.10
25mg	\$227.50
50mg	\$413.50



Refs: Simpson, H, et al, J. Biomed. Sci, 50, 164 (1993); Harrison, J, et al, Bioorg. Med. Chem. Lett, 11, 141 (2001); Newstead, S, et al, Biochem, 44, 9117 (2005)

**Methyl b-D-xylofuranose**

Price On Application

MM03561

**Methyl b-D-xylofuranoside**

[1824-97-1]

MM63088

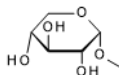
1g	\$1050.00
2g	\$1950.00
5g	\$2875.00



**Methylxylopy****1-O-Methyl-b-D-xylopyranoside**see *Methyl b-D-xylopyranoside*, MM03086 on page 430**Methyl a-D-xylopyranoside**[91-09-8] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM05388

2g	\$50.00
5g	\$75.00
10g	\$125.00

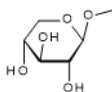
**Methyl b-D-xylopyranoside**

• 1-O-Methyl-b-D-xylopyranoside

[612-05-5] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MM03086

5g	\$47.50
10g	\$80.00
25g	\$152.50



Refs: Mastihubová M, Mastihuba V, Biely P, Carbohydr. Res. 2004, 339, p425-428

**Metrizamide**

- 2-[[[3-(Acetylamino)-5-(acetylmethylamino)-2,4,6-triiodobenzoyl]amino]-2-deoxy-D-glucose;
- Metrizamide
- Amipaque

[31112-62-6] C<sub>18</sub>H<sub>22</sub>I<sub>3</sub>N<sub>3</sub>O<sub>8</sub> 789.1

MM01350

1mg	\$55.00
2mg	\$90.00
5mg	\$150.00

**Metronidazole b-D-glucuronide**

• 2-(2-Methyl-5-nitro-1H-imidazol-1-yl)ethyl b-D-glucopyranosiduronic acid

[100495-98-5] C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>8</sub> 347.28

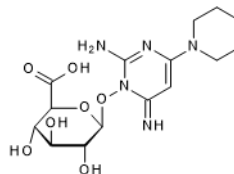
MM31785

5mg	\$787.50
10mg	\$1102.50
25mg	\$2494.00

**Miglitol**see *N-(b-Hydroxyethyl)-1-deoxyxojirimycin*, MH07215 on page 314**Miglustat**see *N-Butyldeoxyxojirimycin*, MB06729 on page 128**Miglustat hydrochloride**see *N-Butyldeoxyxojirimycin HCl*, MB04673 on page 129**Minoxidil D-glucuronide**[56828-40-1] C<sub>15</sub>H<sub>23</sub>N<sub>5</sub>O<sub>7</sub> 385.37

MM10460

1mg	\$98.00
2mg	\$170.00
5mg	\$350.00

**Miquelianin**see *Quercetin 3-O-b-D-glucuronide*, MQ09305 on page 487**Mirabegron N-glucuronide**

[1365244-68-3]

MM59497

10mg \$3500.00

**Mirabegron O-glucuronide**

[1365244-65-0]

MM59496

5mg	\$1250.00
10mg	\$1950.00
20mg	\$2900.00



**Mitiglinide-acyl-b-D-glucuronide**C<sub>28</sub>H<sub>33</sub>NO<sub>9</sub> 491.53

MM44754

Price On Application

**Mizoribine 5'-monophosphate**

[62025-48-3] 259.22

MM35267

10mg	\$1250.00
25mg	\$2625.00
50mg	\$4250.00

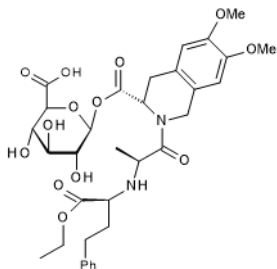
**Moexipril acyl-b-D-glucuronide**

• (3S)-2-[[[(2S)-2-[[[(1S)-1-(Ethoxycarbonyl)-3-phenyl-D5-propyl]amino]-1-oxopropyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylate b-D-glucopyranuronic acid

C<sub>33</sub>H<sub>42</sub>N<sub>2</sub>O<sub>13</sub> 674.69

MM07214

1mg	\$262.50
2mg	\$472.50
5mg	\$840.00

**Moexiprilat acyl D-glucuronide**

MM11755

Price On Application

**Mogroside II A2**[88901-45-5] C<sub>42</sub>H<sub>72</sub>O<sub>14</sub> 801.01

MM45007

10mg	\$950.00
25mg	\$1750.00
50mg	\$2500.00

**Mogroside IVe**

[88915-64-4]

MM45011

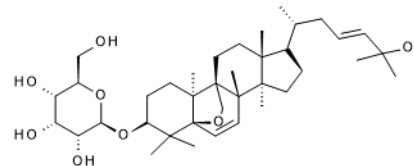
10mg	\$350.00
25mg	\$625.00
50mg	\$975.00

**Momordicoside G**

[81371-54-2]

MM44388

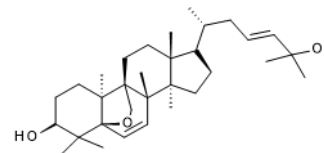
2mg	\$550.00
5mg	\$690.00
10mg	\$1150.00

**Momordicoside I aglycone**

[81910-41-0]

MM44389

Price On Application

**Monoacetone glucose**

see 1,2-O-Isopropylidene-a-D-glucofuranose, MI01061 on page 335

**Monoethylace****(R)-Monoethyl 3-acetoxyglutarate**[113036-11-6] C<sub>9</sub>H<sub>14</sub>O<sub>6</sub> 218.2

MM29974

1g	\$95.00
2g	\$170.00
5g	\$375.00

**Monogalactosyldiacylglycerol**

• 1,2-Diacyl-3-O-b-D-galactosyl-sn-glycerol

C<sub>45</sub>H<sub>74</sub>O<sub>10</sub> 775.06

MM29186

5mg	\$125.00
10mg	\$210.00
25mg	\$450.00

**Monogalactosyl diglyceride**

see Galactosyl diglyceride - 10 mg/ml solution in chloroform/methanol, MG45723 on page 278

**L-Monoguluronic acid sodium salt**

see L-Guluronic acid sodium salt, MG61576 on page 307

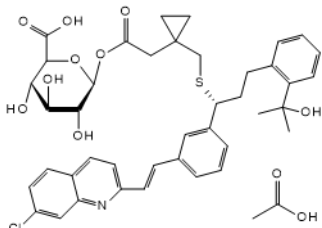
**Montelukast acyl-b-D-glucuronide acetic acid salt**

• 1-[1-[[[(1R)-1-[3-[(1E)-2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]thio]methyl]cyclopropaneacetate] b-D-glucopyranuronic acid

[188717-17-1] C<sub>41</sub>H<sub>44</sub>ClNO<sub>9</sub>S·CH<sub>3</sub>CO<sub>2</sub>H 822.36

MM07213

1mg	\$345.00
2mg	\$620.00
5mg	\$1325.00



Refs: Madan A, et al, Biochem. Pharmacol, 1993, 46, p2291; Blake BL, et al, Xenobiotica, 1995, 25, p377; LaBelle M, et al., Bioorg. Med. Chem. Lett, 1995, 5, p283; Chiba M, et al, Drug Metab. Dispos, 1996, 24, p307

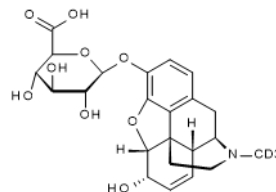
**Moranoline**

see 1-Deoxynojirimycin, MD05255 on page 182

**Morphine 3-D-glucuronide-D3**C<sub>23</sub>H<sub>24</sub>NO<sub>9</sub>D<sub>3</sub> 464.48

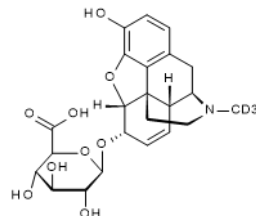
MM10561

1mg \$89.30

**Morphine 6-D-glucuronide-D3**C<sub>23</sub>H<sub>24</sub>NO<sub>9</sub>D<sub>3</sub> 464.48

MM10562

1mg \$262.50

**Morrioniside**[25406-64-8] C<sub>17</sub>H<sub>26</sub>O<sub>11</sub> 406.38

MM73958

10mg	\$85.00
25mg	\$150.00
50mg	\$225.00

**Moxifloxacin acyl D-glucuronide**

MM11757

Price On Application





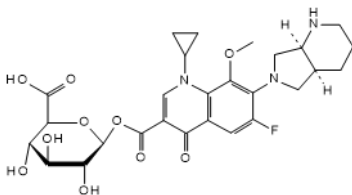
**rac cis-moxifloxacin acyl-b-D-glucuronide**

• 1-[1-(1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-[(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-3-quinolinecarboxylate) b-D-glucopyranuronic acid

[733002-61-4] C<sub>27</sub>H<sub>32</sub>FN<sub>3</sub>O<sub>10</sub> 577.56

MR16843

1mg	\$545.10
2mg	\$991.00
5mg	\$1801.80



Refs: Steinijans, V, et al, J. Clin. Pharmacol. Ther, 29, 323 (1991); Haria, M, et al, Drugs, 51, 585 (1996); Pickerill, K, et al, Pharmacotherapy, 20, 417(2000)

**MTS-5-glucose**

see *N-(b-D-Glucopyranosyl)-N'-[(2-methanethiosulfonyl)ethyl]urea*, MG07448 on page 291

**Mucic acid**

- Tetrahydroxyadipic acid
- Saccharolactic acid
- Galactaric acid

[526-99-8] C<sub>6</sub>H<sub>10</sub>O<sub>8</sub> 210.14

MM47012

500g	\$65.00
1kg	\$115.00
2kg	\$210.00

**Mucic acid diethyl ester**

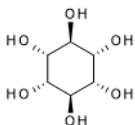
see *Diethylgalactarate*, MD61724 on page 212

**muco-Inositol**

[488-55-1] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MM16809

1mg	\$149.90
2mg	\$272.60
5mg	\$495.50



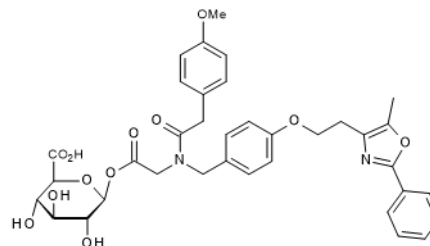
Refs: Sanz, M.L. et al, Food Chem, 91, 313 (2005); Schneider, S. et al, Plant Physiol, 145, 1395 (2007)

**Muraglitazar acyl-b-D-glucuronide**

[875430-26-5] C<sub>38</sub>H<sub>38</sub>N<sub>2</sub>O<sub>12</sub> 690.71

MM09684

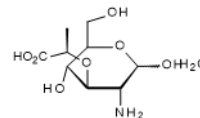
1mg	\$304.50
2mg	\$567.00
5mg	\$1050.00

**Muramic acid hydrate**

[1114-41-6] C<sub>9</sub>H<sub>17</sub>NO<sub>7</sub>·H<sub>2</sub>O 269.25

MM01899

1mg	\$90.00
2mg	\$140.00
5mg	\$225.00

**Muramyl dipeptide**

see *N-Acetylmuramyl-L-alanyl-D-isoglutamine hydrate*, MA58738 on page 39

**Muscarine tosylate**

MM63531

5mg	\$250.00
10mg	\$450.00
25mg	\$1000.00

**Mycaminose**

[519-21-1] C<sub>8</sub>H<sub>17</sub>NO<sub>4</sub> 191.22

MM58373

1mg	\$165.00
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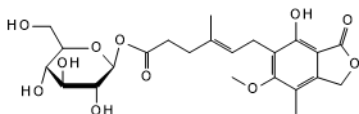
**Mycophenolic****Mycophenolic acid acyl-b-D-glucoside**

• 1-[(4E)-6-(1,3-Dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-4-hexenoate] b-D-glucopyranose

[344562-78-3] C<sub>23</sub>H<sub>30</sub>O<sub>11</sub> 482.48

MM16810

1mg \$516.20  
2mg \$938.50  
5mg \$1706.30



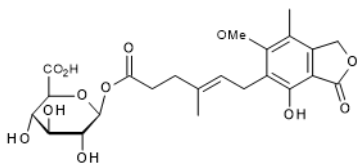
Refs: Bullingham, R, et al, J. Clin. Pharmacol, 36, 315 (1996); McGurk, K, et al, Biochem. Pharmacol, 55, 1005 (1998); Bowalgha, K, et al, Br. J. Clin. Pharmacol, 52, 605 (2001); Bernard, O, et al, Drug Metab. Dispos, 32, 775 (2004)

**Mycophenolic acid acyl-b-D-glucuronide**

[99043-04-6] C<sub>23</sub>H<sub>28</sub>O<sub>12</sub> 496.47

MM09680

1mg \$210.00  
2mg \$360.00  
5mg \$675.00

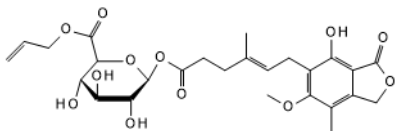
**Mycophenolic acid acyl-b-D-glucuronide allyl ester**

• 1-[(4E)-6-(1,3-Dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-4-hexenoate] b-D-glucopyranuronic acid 2-propen-1-yl ester

[860615-39-0] C<sub>26</sub>H<sub>32</sub>O<sub>12</sub> 536.53

MM16811

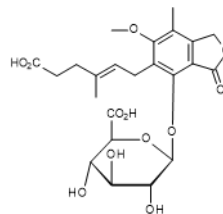
2mg \$139.90  
5mg \$254.40  
10mg \$462.50

**Mycophenolic acid b-D-glucuronide**

[31528-44-6] C<sub>23</sub>H<sub>28</sub>O<sub>12</sub> 496.46

MM06783

1mg \$145.00  
2mg \$230.00  
5mg \$425.00



Refs: Senda M, et al, Transplantation 1995, 60, p1143; Nimmesgern E, et al, J. Biol. Chem. 1996, 271, p19421; Gummert JF, et al, J. Pharmacol. Exp. Ther. 1999, 291, p1100

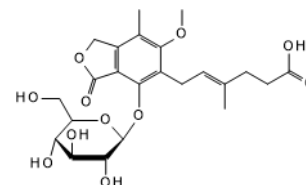
**Mycophenolic acid phenolic b-D-glucoside**

• (4E)-6-[4-(b-D-Glucopyranosyloxy)-1,3-dihydro-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl]-4-methyl-4-hexenoic acid

[55533-52-3] C<sub>23</sub>H<sub>30</sub>O<sub>11</sub> 482.48

MM16812

1mg \$272.60  
2mg \$495.50  
5mg \$900.90



Refs: Bullingham, R, et al, J. Clin. Pharmacol, 36, 315 (1996); McGurk, K, et al, Biochem. Pharmacol, 55, 1005 (1998); Bowalgha, K, et al, Br. J. Clin. Pharmacol, 52, 605 (2001); Bernard, O, et al, Drug Metab. Dispos, 32, 775 (2004)

**Mycostatin**

• Nystatin dihydrate  
• Nystatin

[1400-61-9] C<sub>47</sub>H<sub>75</sub>NO<sub>17</sub> 926.09

MM31116

10g \$100.00  
25g \$200.00  
50g \$350.00

**Myoinositol**

see *myo-Inositol*, MI06864 on page 325

M

**D-Myo-inositol-1,3,4,5-tetrphosphate**

[1246355-68-9]

MI58428

1mg \$785.00

**D-Myo-inositol-1,3,5-triphosphate**

[1246355-67-8]

MI58429

1mg \$785.00

**D-Myo-inositol 1,4,5-triphosphate ammonium salt**

[345958-55-6]

MI58430

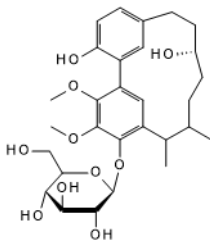
1mg \$623.60

**(+)-S-Myricanol glucoside**

[449729-89-9]

MM44398

Price On Application

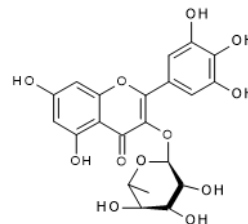
**Myricitrin**

• 3-[(6-Deoxy-a-L-mannopyranosyl)oxy]-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-4H-benzopyran-4-one

[17912-87-7] C<sub>21</sub>H<sub>20</sub>O<sub>12</sub> 464.38

MM08117

25mg	\$75.00
50mg	\$122.00
100mg	\$195.00



Refs: Arch. Pharm, 1955, 288, p205

**Myrtillin chloride**see *Delphinidin 3-glucoside chloride, MD44895 on page 161***NADNA**see *N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid, MA06939 on page 30***NAG-thiazoline**see *N-Acetyl-glucosaminy l thiazoline, MA141200 on page 36***Naltrexone 3-D-glucuronide-D4**

MN11758

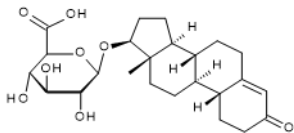
Price On Application

**L-NANA**see *N-Acetyl-L-neuraminic acid, MA64798 on page 39***NANA**see *N-Acetylneuraminic acid, MA00746 on page 39*

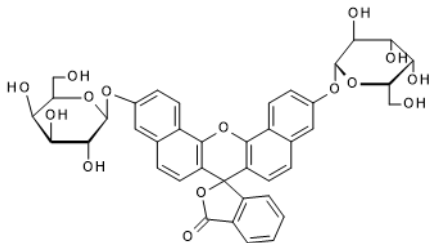
**Nandrolonegl****17- $\beta$ -Nandrolone glucuronide potassium salt**C<sub>24</sub>H<sub>34</sub>O<sub>8</sub> 450.53

MN09062

1mg \$472.50

**Naphthofluorescein di-O-( $\beta$ -D-galactopyranoside)**[133551-98-1] C<sub>40</sub>H<sub>36</sub>O<sub>15</sub> 756.7

MN05004

1mg \$168.00  
2mg \$315.00  
5mg \$630.00**1-Naphthyl 2-acetamido-2-deoxy- $\beta$ -D-galactopyranose**

MN44355

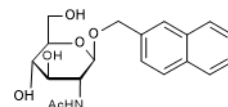
Price On Application

**2-Naphthyl-Beta-D-Glucuronide Sodium Salt**

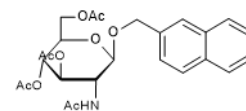
MN64917

1mg \$50.00  
2mg \$80.00  
5mg \$150.00**2-Naphthylmethyl 2-acetamido-2-deoxy- $\beta$ -D-glucopyranoside**[197574-95-1] C<sub>19</sub>H<sub>23</sub>NO<sub>6</sub> 361.39

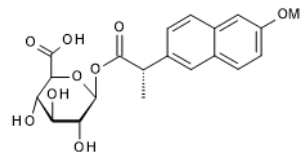
MN05922

10g \$1050.00  
25g \$1575.00  
50g \$2625.00**2-Naphthylmethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy- $\beta$ -D-glucopyranoside**[190181-66-9] C<sub>25</sub>H<sub>29</sub>NO<sub>9</sub> 487.5

MN01845

10g \$420.00  
25g \$787.50  
50g \$1470.00**(R)-Naproxen acyl- $\beta$ -D-glucuronide**[112828-15-6] C<sub>20</sub>H<sub>22</sub>O<sub>9</sub> 406.38

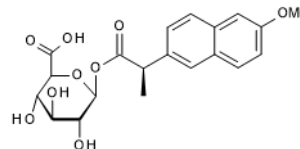
MN07306

1mg \$262.50  
2mg \$472.50  
5mg \$945.00**(S)-Naproxen acyl- $\beta$ -D-glucuronide**

• 1-[(a-S)-6-Methoxy-a-methyl-2-naphthaleneacetate]

[41945-43-1] C<sub>20</sub>H<sub>22</sub>O<sub>9</sub> 406.38

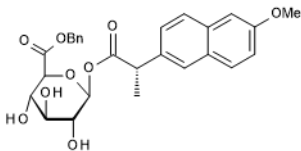
MN07309

1mg \$262.50  
2mg \$472.50  
5mg \$918.80

**(R)-Naproxen acyl-b-D-glucuronide benzyl ester**C<sub>27</sub>H<sub>28</sub>O<sub>9</sub> 496.51

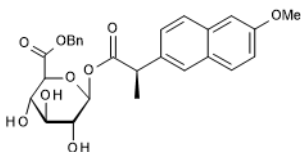
MN07307

1mg	\$136.50
2mg	\$252.00
5mg	\$504.00

**(S)-Naproxen acyl-b-D-glucuronide benzyl ester**C<sub>27</sub>H<sub>28</sub>O<sub>9</sub> 496.51

MN07308

1mg	\$147.00
2mg	\$262.50
5mg	\$472.50

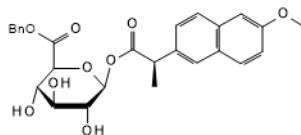
**(S)-Naproxen acyl-b-D-glucuronide benzyl ester**

• 1-[(a-S)-6-Methoxy-a-methyl-2-naphthaleneacetate] b-D-glucopyranuronic acid, phenylmethyl ester

[946517-36-8] C<sub>27</sub>H<sub>28</sub>O<sub>9</sub> 496.51

MN16814

1mg	\$149.90
2mg	\$272.60
5mg	\$495.50

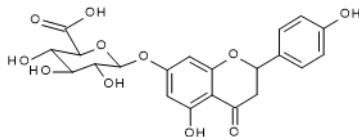
**Naringenin-7-O-b-D-glucuronide**

• (2S)-3,4-Dihydro-5-hydroxy-2-(4-hydroxyphenyl)-4-oxo-2H-1-benzopyran-7-yl-D-glucopyranosiduronic acid

[158196-34-0] C<sub>21</sub>H<sub>20</sub>O<sub>11</sub> 448.38

MN16170

1mg	\$210.00
2mg	\$378.00
5mg	\$787.50

**2-NBDG**

see 2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-D-glucose, MD58730 on page 181

**Nefopam glucuronide**

• Nefopam N-b-D glucuronide

C<sub>23</sub>H<sub>27</sub>NO<sub>7</sub> 429.46

MN46697

5mg	\$1475.00
10mg	\$2750.00
25mg	\$4950.00

**Nefopam N-b-D glucuronide**

see Nefopam glucuronide, MN46697 on page 437

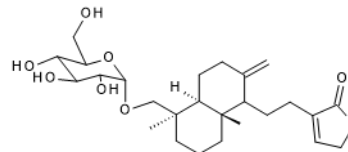
**Neoandrographolide**

• 3-[2-[(1R,4a,4aS,5R,8aS)-5-[(b-D-Glucopyranosyloxy)methyl]decanhydro-5,8a-dimethyl-2-methylene-1-naphthalenyl]ethyl]-2(5H)-furanone

[27215-14-1] C<sub>26</sub>H<sub>40</sub>O<sub>8</sub> 480.6

MN11576

1mg	\$40.00
2mg	\$60.00
5mg	\$125.00

**Neocarrabiose (b anomer, crystalline)**

• 3,6-Anhydro-a-D-galactopyranosyl-(1→3)-D-galactose

[79297-08-8] C<sub>12</sub>H<sub>20</sub>O<sub>10</sub> 324.28

MN01652

10mg	\$125.00
25mg	\$237.50
50mg	\$425.00

**Neocarrabiose-4-O-sulfate sodium salt**[108321-76-2] C<sub>12</sub>H<sub>19</sub>NaO<sub>13</sub>S 426.33

MN01694

10mg	\$95.00
25mg	\$175.00
50mg	\$300.00



## Neocarradeca

## Neocarradecaose-41,3,5,7,9-penta-O-sulfate sodium salt

[133628-75-8]  $C_{60}H_{87}Na_5O_{61}S_5$  2059.58

MN05603

1mg	\$95.00
2mg	\$170.00
5mg	\$375.00



## Neocarrahexadecaose-41,3,5,7,9,11,13,15-octa-O-sulfate sodium salt

[157297-04-6]  $C_{96}H_{138}Na_8O_{97}S_8$  3284.51

MN01701

1mg	\$275.00
2mg	\$500.00
5mg	\$975.00



## Neocarrahexaose-24,41,3,5-tetra-O-sulfate sodium salt

 $C_{36}H_{52}Na_4O_{40}S_4$  1345

MN01693

5mg	\$115.00
10mg	\$195.00
25mg	\$375.00



## Neocarrahexaose-41,3,5-tri-O-sulfate sodium salt

[133628-76-9]  $C_{36}H_{53}Na_3O_{37}S_3$  1242.95

MN01697

5mg	\$110.00
10mg	\$195.00
25mg	\$375.00



## Neocarraoctaose-41,3,5,7-tetra-O-sulfate sodium salt

[133647-94-6]  $C_{48}H_{70}Na_4O_{49}S_4$  1651.26

MN01692

1mg	\$95.00
2mg	\$160.00
5mg	\$275.00



## Neocarratetraose-41, 43-di-O-sulfate sodium salt

[108347-92-8]  $C_{24}H_{36}Na_2O_{25}S_2$  834.64

MN05905

5mg	\$60.00
10mg	\$95.00
25mg	\$175.00

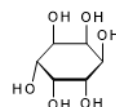


## neo-Inositol

[488-54-0]  $C_6H_{12}O_6$  180.16

MI08354

1mg	\$65.00
2mg	\$100.00
5mg	\$175.00



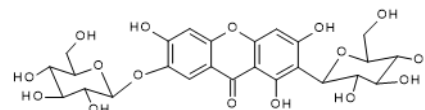
## Neomangiferin

• 2-(b-D-Glucopyranosyl)-7-(b-D-glucopyranosyloxy)-1,3,6-trihydroxy-9H-xanthen-9-one

[64809-67-2]  $C_{25}H_{28}O_{16}$  584.48

MN08123

5mg	\$94.50
10mg	\$157.50
25mg	\$315.00



Refs: Helvetica Chimica Acta, 1977, 60, p2104



## Neosamine

 $C_6H_{14}N_2O_4$  178.19

MN44776

10mg	\$550.00
25mg	\$875.00
50mg	\$1250.00



## Neriolin

see *Oleandrin*, MO26544 on page 445

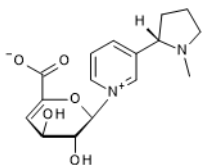
## Neu-L-5Ac

see *N-Acetyl-L-neuraminic acid*, MA64798 on page 39

**Neu5Ac**see *N-Acetylneuraminic acid*, MA00746 on page 39**Neu5Gc**see *N-Glycolylneuraminic acid*, MG05324 on page 305**Neuraminic acid b-methylglucoside**see *Methyl b-neuraminic acid*, MM04550 on page 407**Neuraminic acid b-methylglycoside methyl ester**see *Methyl b-neuraminic acid methyl ester*, MM06098 on page 407**Nicotine-N-(4-deoxy-4,5-didehydro)-b-D-glucuronide**C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>5</sub> 320.34

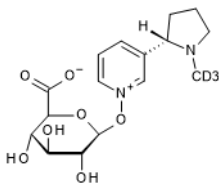
MN04947

0.5mg	\$89.30
1mg	\$168.00
2mg	\$262.50

**Nicotine-N-b-D-glucuronide-D3**C<sub>16</sub>H<sub>19</sub>N<sub>2</sub>O<sub>7</sub>D<sub>3</sub> 357.37

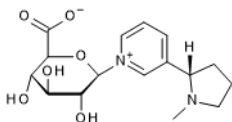
MN10397

1mg	\$315.00
5mg	\$1050.00
10mg	\$1890.00

**Nicotine-N-b-D-glucuronide hydrate**[153536-53-9] C<sub>16</sub>H<sub>22</sub>N<sub>2</sub>O<sub>6</sub>·xH<sub>2</sub>O 338.36

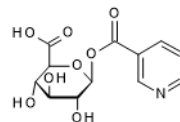
MN09846

1mg	\$210.00
2mg	\$400.00
5mg	\$975.00

**Nicotinic acid acyl-b-D-glucuronide**[24719-73-1] C<sub>12</sub>H<sub>13</sub>NO<sub>8</sub> 299.23

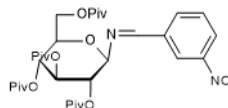
MN04920

1mg	\$165.00
2mg	\$300.00
5mg	\$585.00

**4-Nitrobenzoate 2,3,5-tri-O-benzyl-D-arabinofuranose**see *2,3,5-Tri-O-benzyl-1-O-(4-nitrobenzoyl)-D-arabinofuranose*, MT00036 on page 585**2-[N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)amino]-2-deoxy-D-glucose**see *2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-D-glucose*, MD58730 on page 181**p-Nitrobenzoyl-2,3,4-tri-O-benzyl-L-fucopyranose**see *2,3,4-Tri-O-benzyl-1-O-(4-nitrobenzoyl)-L-fucopyranose*, MT01951 on page 586**N-(3-Nitrobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>33</sub>H<sub>48</sub>N<sub>2</sub>O<sub>11</sub> 648.74

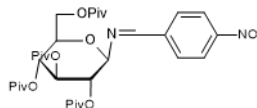
MN08439

Price On Application

**N-(4-Nitrobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>33</sub>H<sub>48</sub>N<sub>2</sub>O<sub>11</sub> 648.74

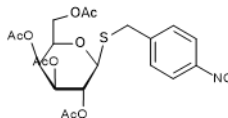
MN08437

Price On Application

**4-Nitrobenzyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside**C<sub>21</sub>H<sub>25</sub>NO<sub>11</sub>S 499.49

MN07311

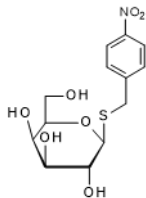
100mg	\$100.00
250mg	\$237.50
500mg	\$395.00



**Nitrobenzyl****4-Nitrobenzyl b-D-thiogalactopyranoside**[35785-19-4] C<sub>13</sub>H<sub>17</sub>NO<sub>7</sub>S 331.34

MN04538

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

**6-Nitrooxyhexahydro-furo[3,2-b]furan-3-ol**

see 1,4:3,6-Dianhydro-2-nitro-D-glucitol, MD24729 on page 198

N

**4-Nitrophenyl 2-acetamido-2-deoxy-a-D-galactopyranoside PEG 2000**

MN45173

Price On Application

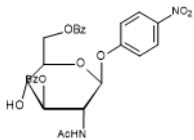
**4-Nitrophenyl 2-acetamido-3,6-di-O-benzoyl-2-deoxy-b-D-glucopyranoside**

- 4-Nitrophenyl 2-(acetamino)-2-deoxy-3,6-bis-O-(benzoyl)-b-D-glucopyranoside
- 4-Nitrophenyl 2-(acetamino)-2-deoxy-b-D-glucopyranoside 3,6-dibenzoate

[84564-22-7] C<sub>28</sub>H<sub>28</sub>N<sub>2</sub>O<sub>10</sub> 550.51

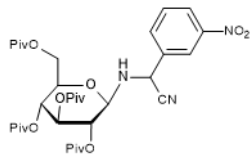
MN07320

10mg	\$95.00
25mg	\$170.00
50mg	\$275.00

**N-[2-(3'-Nitrophenylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>34</sub>H<sub>49</sub>N<sub>3</sub>O<sub>11</sub> 675.77

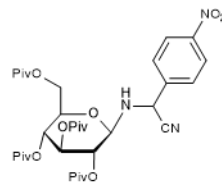
MN08451

Price On Application

**N-[2-(4'-Nitrophenylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>34</sub>H<sub>49</sub>N<sub>3</sub>O<sub>11</sub> 675.77

MN08450

Price On Application

**4-Nitrophenyl 2-(acetamino)-2-deoxy-3,6-bis-O-(benzoyl)-b-D-glucopyranoside**

see 4-Nitrophenyl 2-acetamido-3,6-di-O-benzoyl-2-deoxy-b-D-glucopyranoside, MN07320 on page 440

**4-Nitrophenyl 2-(acetamino)-2-deoxy-b-D-glucopyranoside 3,6-dibenzoate**

see 4-Nitrophenyl 2-acetamido-3,6-di-O-benzoyl-2-deoxy-b-D-glucopyranoside, MN07320 on page 440

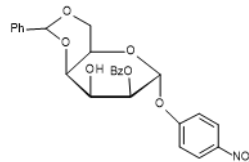
**4-Nitrophenyl 2-benzoyl-4,6-O-benzylidene-a-D-mannopyranoside**

- 4-Nitrophenyl (R)-2-benzoyl-4,6-O-benzylidene-a-D-mannopyranoside

[94063-92-0] C<sub>26</sub>H<sub>23</sub>NO<sub>9</sub> 493.46

MN05350

10mg	\$89.30
25mg	\$157.50
50mg	\$262.50

**4-Nitrophenyl (R)-2-benzoyl-4,6-O-benzylidene-a-D-mannopyranoside**

see 4-Nitrophenyl 2-benzoyl-4,6-O-benzylidene-a-D-mannopyranoside, MN05350 on page 440

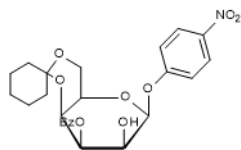


**4-Nitrophenyl 3-O-benzoyl-4,6-cyclohexylidene-b-D-mannopyranoside**

• 4-Nitrophenyl 4,6-O-cyclohexylidene-b-D-mannopyranoside 3-benzoate

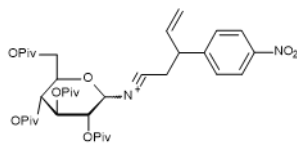
[102717-17-9] C<sub>25</sub>H<sub>27</sub>NO<sub>9</sub> 485.48

MN04912

25mg \$100.00  
50mg \$168.00  
100mg \$263.00**N-[2-(4'-Nitrophenyl)-1-cyano-3-butene]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>36</sub>H<sub>51</sub>N<sub>3</sub>O<sub>11</sub> 701.8

MN08500

Price On Application

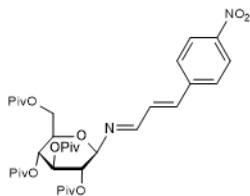
**4-Nitrophenyl 4,6-O-cyclohexylidene-b-D-mannopyranoside 3-benzoate**

see 4-Nitrophenyl 3-O-benzoyl-4,6-cyclohexylidene-b-D-mannopyranoside, MN04912 on page 441

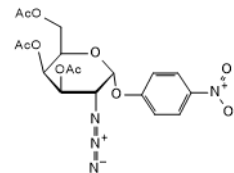
**N-[(4'-Nitrophenyl)-1-propenyl]imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>35</sub>H<sub>50</sub>N<sub>2</sub>O<sub>11</sub> 674.78

MN08501

Price On Application

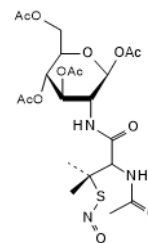
**4-Nitrophenyl 3,4,6-tri-O-acetyl-2-azido-2-deoxy-a-D-galactopyranoside**[1147438-51-4] C<sub>18</sub>H<sub>26</sub>N<sub>4</sub>O<sub>10</sub> 452.37

MN16880

10mg \$125.10  
25mg \$227.50  
50mg \$413.50**N-(S-Nitroso-N-acetyl-D,L-penicillamine)-2-amino-2-deoxy-1,3,4,6-tetra-O-acetyl-b-D-glucopyranose**• 2-[[[(2S)-2-(Acetylamino)-3-methyl-3-(nitrosothio)-1-oxobutyl]amino]-2-deoxy-b-D-glucopyranose 1,3,4,6-tetraacetate  
• RIG200[202656-49-3] C<sub>21</sub>H<sub>31</sub>N<sub>3</sub>O<sub>12</sub>S 549.55

MN16821

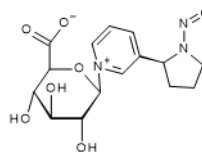
Price On Application



Refs: Miller, M.R, et al, Eur. Journal of Pharmacology, 403, 111 (2000)

**N'-Nitrosornornicotine-N-b-D-glucuronide - Mixture Of Diastereomers**• NNN-b-D-Glucuronide  
• 1-b-D-Glucopyranuronosyl-3[(2S)-1-nitroso-2-pyrrolidinyl]-pyridinium  
• Pyridyl-N-b-D-glucopyranuronosyl-N'-Nitrosornornicotine[864071-82-9] C<sub>15</sub>H<sub>19</sub>N<sub>3</sub>O<sub>7</sub> 353.33

MN07305

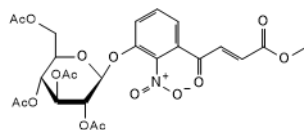
1mg \$210.00  
2mg \$367.50  
5mg \$830.00

Refs: Caldwell WS, et al, Chem. Res. Toxicol, 1992, 5, p280; Chiu SH, et al, Drug Metab. Dispos, 1998, 26, p838; Tukey R, et al, Annu. Rev. Pharmacol. Toxicol, 2000, 40, p581

**Nitrotetraac****(2E)-4-[2-Nitro-3-[(2,3,4,6-tetra-O-acetyl-b-D-glucopyranosyl)oxy]phenyl]-4-oxo-2-butenoic acid methyl ester**[224044-68-2] C<sub>25</sub>H<sub>27</sub>NO<sub>15</sub> 581.48

MN16816

5mg	\$150.00
10mg	\$272.60
25mg	\$496.00

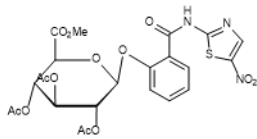


Refs: Manthey, M. et al, J. Org. Chem. 64, 3930 (1999)

**1-[2-N-(5-Nitrothiazolyl)carboxamido]phenyl]-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester**C<sub>23</sub>H<sub>23</sub>N<sub>3</sub>O<sub>13</sub>S 581.51

MN04558

2mg	\$89.30
5mg	\$168.00
10mg	\$315.00

**Nnal-N-b-D-glucuronide**

see 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol-N-b-D-glucuronide, MN04545 on page 408

**NN-DNJ**

see N-Nonyldeoxyojirimycin, MN04790 on page 442

**NNN-b-D-Glucuronide**

see N'-Nitrosornicotine-N-b-D-glucuronide - Mixture Of Diastereomers, MN07305 on page 441

**Nojirimycin bisulfite**

see Nojirimycin 1-sulfonic acid, MN45270 on page 442

**Nojirimycin 1-sulfonic acid**

- 5-Amino-5-deoxyglucopyranose bisulfite
- Nojirimycin bisulfite

[114417-84-4][81703-56-2] C<sub>6</sub>H<sub>13</sub>NO<sub>7</sub>S 243.24

MN45270

5mg	\$115.00
10mg	\$195.00
25mg	\$425.00

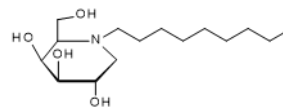
**Nomega-(2-Acetamido-2-deoxy-b-D-glucopyranosyl)-N-a-Boc-L-asparagine**

see N-omega-(2-Acetamido-2-deoxy-b-D-glucopyranosyl)-N-a-Boc-L-asparagine, MA07512 on page 446

**N-Nonyldeoxygalactonojirimycin**[223771-83-3] C<sub>15</sub>H<sub>31</sub>NO<sub>4</sub> 289.41

MN04785

1mg	\$153.30
2mg	\$231.00
5mg	\$462.00

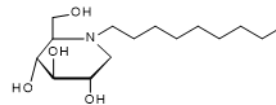
**N-Nonyldeoxynojirimycin**

• NN-DNJ

[81117-35-3] C<sub>15</sub>H<sub>31</sub>NO<sub>4</sub> 289.41

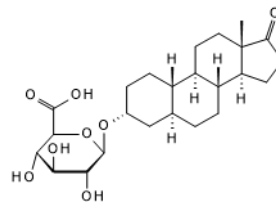
MN04790

1mg	\$65.00
2mg	\$90.00
5mg	\$175.00

**19-Norandrosterone D-glucuronide**C<sub>42</sub>H<sub>36</sub>O<sub>8</sub> 668.73

MN10565

1mg	\$262.50
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**Norcyclobenzaprine N-glucuronide**C<sub>25</sub>H<sub>27</sub>NO<sub>6</sub> 437.49

MN28879

Price On Application

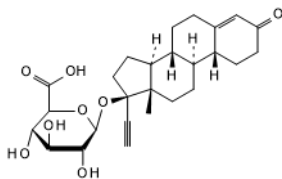


**Norethindrone b-D-glucuronide**

• (17a)-3-Oxo-19-norpregn-4-en-20-yn-17-yl

[64701-11-7] C<sub>26</sub>H<sub>34</sub>O<sub>8</sub> 474.54

MN16823

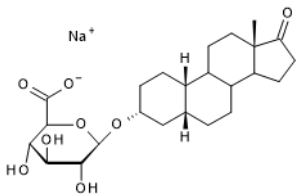
1mg \$272.60  
2mg \$495.50  
5mg \$900.90

Refs: Layne, D.S, et al, Biochem. Pharmacol, 12, 905 (1963)

**19-Noretiocholanolone glucuronide**C<sub>24</sub>H<sub>35</sub>O<sub>8</sub>·Na 474.52

MN11464

1mg \$262.50

**Norfluoxetine b-D-glucuronide**[96735-72-7] C<sub>22</sub>H<sub>24</sub>F<sub>3</sub>NO<sub>7</sub> 471.42

MN11751

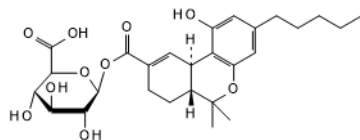
Price On Application

**11-Nor-Δ<sup>9</sup>-tetrahydro cannabinol-9-carboxylate acyl-b-D-glucuronide**

• 1-O-[[[6aR,10aR-6a,7,8,10a-Tetrahydro-1-hydroxy-6,6-dimethyl-3-pentyl-6H-dibenzo[b,d]pyran-9-yl]carbonyl]-b-D-glucopyranuronic Acid

[76448-35-6] C<sub>27</sub>H<sub>36</sub>O<sub>10</sub> 520.57

MN16822

1mg \$1032.30  
2mg \$1876.90  
5mg \$3412.50

Refs: Lemberger, L, et al, Science, 170, 1320 (1970)

**Nortropanoline**

see Calystegine B2, MC03733 on page 135

**L-Noviose**

[107739-83-3]

MN34660

Price On Application

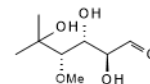
**(-)-D-Noviose**

• 6-Deoxy-5-C-methyl-4-O-methyl-D-lyxo-hexose

[206185-18-4] C<sub>8</sub>H<sub>16</sub>O<sub>5</sub> 192.21

MN34731

Price On Application

**NSC 231899**

see 2,3,4,6-Tetra-O-acetyl-1,5-anhydro-D-mannitol, MT16864 on page 514

**NSC 270912**

see 2,5-Deoxyfructosazine, MD16678 on page 172

**NSC 286-193**

see Tiazofurin, MT16870 on page 558

**NSC 69871**

see Methyl 3,4-isopropylidene-b-L-arabinopyranoside, MM16790 on page 403

**NSC 90391**

see 8-(Benzyloxy)guanosine, MB16633 on page 119

**Nystatin**

see Mycostatin, MM31116 on page 434

**Nystatin A3**

see 8,9-Dideoxy-28,29-dihydro-7,10-dihydroxy-35-O-(2,6-dideoxy-L-ribohexopyranosyl)amphotericin B, MD146814 on page 207

## Nystatindihy

## Nystatin dihydrate

see *Mycostatin*, MM31116 on page 434

## 4-O-b-D-Galactopyranosyl-D-gluconic acid calcium salt

see *Calcium lactobionate*, MC29407 on page 134

## 2,3,4,6,2',3',4',6'-Octa-O-acetyl-a,trehalose

see *Trehalose octaacetate*, MT05879 on page 562

## (1R,2R,8aR)-Octahydro-1,2-indolizinediol

see *(-)-Lentiginosine*, ML24866 on page 347

## (1S,2R,8R,8aR)-1,2,3,5,6,7,8,8a-Octahydroindolizine-1,2,8-triol

see *Swainsonine*, MS10129 on page 509

N

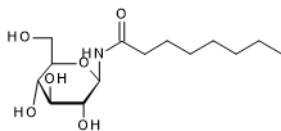
## Octanoyl b-D-glucosylamine

• N-(b-D-Glucopyranosyl)octanamide

[134403-86-4] C<sub>14</sub>H<sub>27</sub>NO<sub>6</sub> 305.37

MO01968

500mg	\$105.00
1g	\$189.00
2g	\$315.00

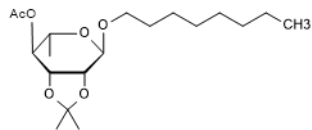
Refs: Sapan CV, Lundblad RL, Price NC, *Biotechnol. Appl. Biochem.* 1999, Vol29, No2, p99-108

## Octyl 4-O-acetyl-2,3-O-isopropylidene-a-L-rhamnopyranoside

C<sub>19</sub>H<sub>34</sub>O<sub>6</sub> 358.47

MO04646

Price On Application



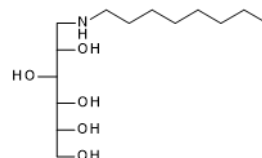
## 1-Octylamino-1-deoxy-D-glucitol

- 1-Deoxy-1-(octylamino)-D-glucitol
- N-Octyl-D-glucamine

[23323-37-7] C<sub>14</sub>H<sub>31</sub>NO<sub>5</sub> 293.4

MO06713

250g	\$75.00
500g	\$100.00
1kg	\$180.00

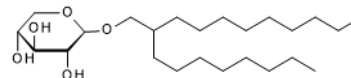
Refs: Liu P, Zhu W, *Polym. Adv. Technol.* 2004, Vol15, No4, p214-217

## 2-Octyldodecyl-D-xylopyranoside

[423772-95-6] C<sub>28</sub>H<sub>50</sub>O<sub>5</sub> 430.66

MO59471

1g	\$1500.00
2g	\$2200.00
5g	\$2975.00

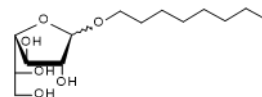


## Octyl D-galactofuranoside

[202403-49-4] C<sub>14</sub>H<sub>28</sub>O<sub>6</sub> 292.37

MO16824

100mg	\$122.00
250mg	\$222.50
500mg	\$400.00

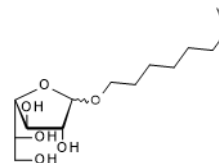


## Octyl D-galactofuranoside tetraacetate

[223412-29-1] C<sub>22</sub>H<sub>38</sub>O<sub>10</sub> 460.52

MO16825

50mg	\$110.50
100mg	\$201.00
250mg	\$365.00



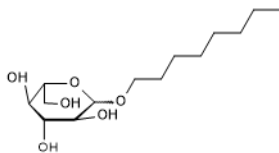
## N-Octyl-D-glucamine

see *1-Octylamino-1-deoxy-D-glucitol*, MO06713 on page 444

**Octyl L-glucopyranoside**C<sub>14</sub>H<sub>28</sub>O<sub>6</sub> 292.37

MO07054

50mg	\$89.50
100mg	\$158.00
250mg	\$315.00

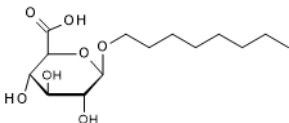


Refs: Poetsch A, Neij D, Seelerta H, Schaeggerb H, Dencher NA, Biochimica et Biophysica Acta 2000, 1466 p339

**Octyl b-D-glucuronic acid**C<sub>14</sub>H<sub>26</sub>O<sub>7</sub> 306.36

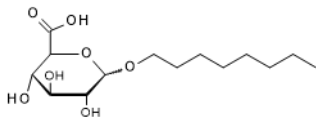
MO07928

25mg	\$70.00
50mg	\$120.00
100mg	\$195.00

**Octyl D-glucuronic acid**C<sub>14</sub>H<sub>26</sub>O<sub>7</sub> 306.36

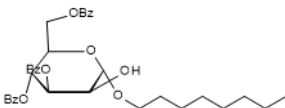
MO07929

100mg	\$125.00
250mg	\$250.00
500mg	\$420.00

**Octyl 3,4,6-tri-O-benzoyl-a-D-mannopyranoside**C<sub>35</sub>H<sub>40</sub>O<sub>9</sub> 604.69

MO06589

Price On Application

**Oenin**see *Malvidin 3-glucoside*, MM44899 on page 354**Olanzapine 4-N-glucuronide**

MO32255

Price On Application

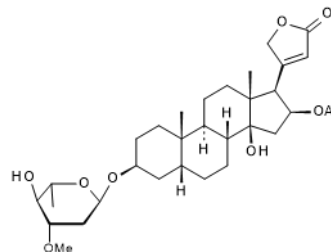
**Oleandrin**

• (3b,5b,16b)-16-(Acetyloxy)-3-[(2,6-dideoxy-3-O-methyl-a-L-arabino-hexopyranosyl)oxy]-14-hydroxycard-20(22)-enolide  
 • Neriolin  
 • Corrigen

[465-16-7] C<sub>32</sub>H<sub>48</sub>O<sub>9</sub> 576.72

MO26544

1mg	\$125.00
2mg	\$190.00
5mg	\$350.00

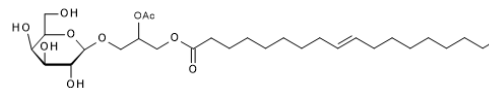


Refs: Sreenivasan, Y, et al, Biochem. Pharmacol, 66, 2223 (2003); Ni, D, et al, J. Exp. Ther. Oncol, 2, 278 (2002); Langford, S.D, Toxicology, 109,1 (1996)

**1-O-Oleoyl-2-O-acetyl-3-O-(b-D-galactopyranosyl) syn-glycerol**C<sub>29</sub>H<sub>52</sub>O<sub>10</sub> 560.72

MO09867

1mg	\$63.00
2mg	\$115.50
5mg	\$210.00

**D-Olivose**see *2,6-Dideoxy-D-glucose*, MD08080 on page 208

**Olmesartanac****Olmesartan acid O-b-D-glucuronide**[369395-57-3] C<sub>30</sub>H<sub>34</sub>N<sub>6</sub>O<sub>9</sub> 622.63

MO44767

2mg	\$1500.00
5mg	\$2225.00
10mg	\$3750.00

**Olmesartan N2-glucuronide**C<sub>30</sub>H<sub>34</sub>N<sub>6</sub>O<sub>9</sub> 622.63

MO44768

Price On Application

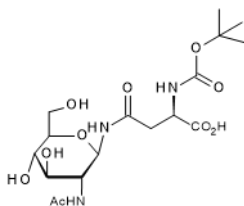
**N-omega-(2-Acetamido-2-deoxy-b-D-glucopyranosyl)-N-a-Boc-L-asparagine**

• Nomega-(2-Acetamido-2-deoxy-b-D-glucopyranosyl)-N-a-Boc-L-asparagine

[137255-40-4] C<sub>17</sub>H<sub>29</sub>N<sub>3</sub>O<sub>10</sub> 435.43

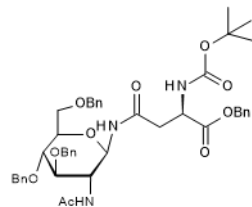
MA07512

10mg	\$89.30
25mg	\$157.50
50mg	\$262.50

**N-omega-(2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-b-D-glucopyranosyl)-N-a-Boc-L-asparagine benzyl ester**[219968-28-2] C<sub>45</sub>H<sub>53</sub>N<sub>3</sub>O<sub>10</sub> 795.92

MA07513

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00

**1-OMe-b-D-Gal**see *Methyl b-D-galactopyranoside*, MM01482 on page 399**2,3-O-(1-Methylethylidene)-D-allonic acid gamma-lactone**see *2,3-O-Isopropylidene-D-allono-1,4-lactone*, M1146487 on page 332**Ondansetron 6-D-glucuronide (mixture of isomers)**

MO11759

Price On Application

**Ondansetron 7-D-glucuronide (mixture of isomers)**

[126671-74-7]

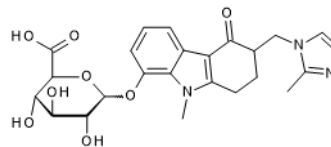
MO11760

Price On Application

**Ondansetron 8-D-glucuronide (mixture of isomers)**[126671-72-5] C<sub>24</sub>H<sub>27</sub>N<sub>3</sub>O<sub>8</sub> 485.49

MO09997

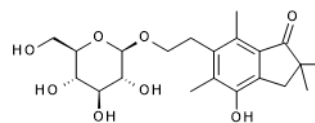
Price On Application

**Onitin 2'-O-glucoside**

[76947-60-9]

MO44400

Price On Application



**Onitisin 2'-O-glucoside**

[62043-53-2]

MO44399

Price On Application

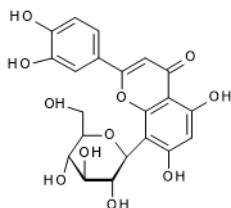
**D-Ononitol**see *1-D-4-O-Methyl-myo-inositol*, MM10123 on page 402**Orientin**

- 8-b-D-Glucopyranosyl-3',4',7'-tetrahydroxyflavone
- Luteolin 8-C-b-D-glucopyranoside
- Lutexin

[28608-75-5] C<sub>21</sub>H<sub>20</sub>O<sub>11</sub> 448.38

MO08113

1mg	\$75.00
2mg	\$125.00
5mg	\$275.00



Refs: Arch. Pharm., 1958, 291, p126

**Oritentoside**see *Vitexin*, MV08032 on page 601**Oroxilin A 7-O-glucuronide**

- Oroxylside

[36948-76-2] C<sub>22</sub>H<sub>20</sub>O<sub>11</sub> 460.39

MO74545

2mg	\$80.00
5mg	\$160.00
10mg	\$272.00

**Oroxylside**see *Oroxilin A 7-O-glucuronide*, MO74545 on page 447**Ouabain - anhydrous**

- G-Strophanthin

[630-60-4] C<sub>29</sub>H<sub>44</sub>O<sub>12</sub> 584.65

MO34347

100mg	\$125.00
250mg	\$237.50
500mg	\$375.00

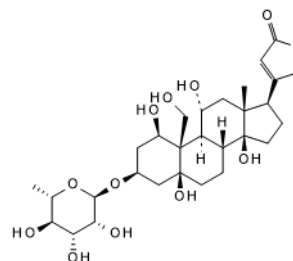
**Ouabain octahydrate**

- (1b,3b,5b,11a)-3-[(6-Deoxy-a-L-mannopyranosyl)oxy]-1,5,11,14,19-pentahydroxycard-20(22)-enolide octahydrate
- g-Strophanthin octahydrate

[11018-89-6] C<sub>29</sub>H<sub>44</sub>O<sub>12</sub>·8H<sub>2</sub>O 728.77

MO16828

1g	\$195.00
2g	\$360.00
5g	\$800.00

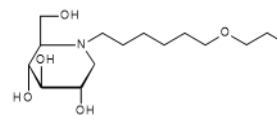


Refs: Padilha, A.S. et al, Clin. Exp. Pharmacol. Physiol, 35, 801 (2008); Blaustein, M.P. et al, Clin. Exp. Hypertens. 20, 691 (1998); van Huysse, J.W. et al, Clin. Exp. Hypertens. 20, 657 (1998)

**N-(7-Oxadecyl)deoxynojirimycin**[160632-05-3] C<sub>15</sub>H<sub>31</sub>NO<sub>5</sub> 305.41

MO04818

0.5mg	\$95.00
1mg	\$185.00
2mg	\$350.00

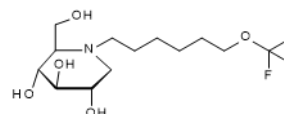


Refs: van den Broek LAGM, et al, Recl. Trav. Chim. Pays-Bas 1994, 113, 507

**N-(7-Oxa-9,9,9-trifluorononyl)deoxynojirimycin**[383417-50-3] C<sub>13</sub>H<sub>24</sub>F<sub>3</sub>NO<sub>5</sub> 331.33

MO04847

0.5mg	\$110.30
1mg	\$210.00
2mg	\$399.00



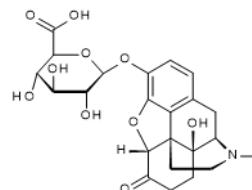
Refs: van den Broek LAGM, et al, Recl. Trav. Chim. Pays-Bas 1994, 113, 507



**Oxidizedasco****Oxidized ascorbic acid**see *L-Dehydro ascorbic acid*, MD16669 on page 161**17-Oxo-5a-androstan-3b-yl b-D-glucopyranosiduronic acid**see *Epiandrosterone b-D-glucuronide*, ME16713 on page 235**(3b,5a)-17-Oxoandrostan-3-yl b-D-glucopyranosiduronic acid**see *Epiandrosterone b-D-glucuronide*, ME16713 on page 235**17-Oxo-5a-androstan-3b-yl b-D-glucosiduronic acid**see *Epiandrosterone b-D-glucuronide*, ME16713 on page 235**2-Oxo-2H-1-benzopyran-7-yl b-D-glucopyranosiduronic acid**see *7-Hydroxy coumarin b-D-glucuronide methyl ester*, MH16745 on page 312**2-Oxo-2H-1-benzopyran-7-yl-b-D-glucopyranosiduronic acid methyl ester triacetate**see *7-Hydroxy coumarin 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester*, MH16744 on page 312**5-Oxo-5-deoxy-D-gluconic acid**see *5-Keto-D-gluconic acid*, MK14117 on page 345**2-Oxo-3-deoxy-D-mannoctonic acid**see *3-Deoxy-D-manno-oct-2-ulosonic acid*, MD04048 on page 179**2-Oxogluconic acid**see *2-Keto-D-gluconic acid*, MK01576 on page 345**(17a)-3-Oxo-19-norpregn-4-en-20-yn-17-yl**see *Norethindrone b-D-glucuronide*, MN16823 on page 443**4-Oxo-3-[4-[(1-oxohexyl)oxy]phenyl]-4H-1-benzopyran-7-yl b-D-glucopyranosiduronic acid methyl ester, 2,3,4-triacetate**see *Methyl (4'-O-hexanoyldaidzein-7-yl-b-D-2",3",4"-tri-O-acetylglucopyranosid)urate*, MM16785 on page 402**(4R,5R,6R,7R)-2-Oxo-4,5,6,7,8-pentahydroxyoctanoic acid**see *3-Deoxy-D-manno-oct-2-ulosonic acid*, MD04048 on page 179**2-(4-Oxopyran-3-yl)acetic acid sodium salt**see *Xylaric acid disodium salt*, MX15902 on page 602**4-Oxo-3-[4-(sulfooxy)phenyl]-4H-1-benzopyran-7-yl b-D-glucopyranosiduronic acid sodium salt**see *Daidzein 7-b-D-glucuronide 4'-sulfate disodium salt*, MD16667 on page 157**Oxymorphone 3-b-D-glucuronide**[770735-01-8] C<sub>23</sub>H<sub>27</sub>NO<sub>10</sub> 477.46

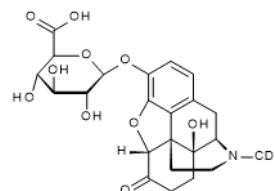
MO10464

1mg	\$315.00
2mg	\$588.00
5mg	\$1155.00

**Oxymorphone 3-b-D-glucuronide-D3**C<sub>23</sub>H<sub>24</sub>NO<sub>10</sub>D<sub>3</sub> 480.47

MO10559

1mg	\$262.50
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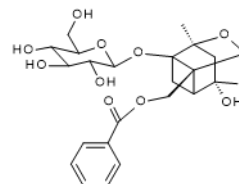
**PADB-b-D-glucuronide**see *Acedoben-acyl-b-D-glucuronide*, MA44744 on page 9**Paeoniflorin**

• 9[(Benzoyloxy)methyl]-1-(b-D-glucopyranosyloxy)-4,8-epoxy-6-methyl-7-oxatetracyclo[4,3,0,0]nonane

[23180-57-6] C<sub>23</sub>H<sub>28</sub>O<sub>11</sub> 480.46

MP08290

50mg	\$50.00
100mg	\$87.00
250mg	\$187.50



Refs: Chem. Pharm. Bull., 1985, 33, p3838





**Palbociclib N-glucuronide**C<sub>30</sub>H<sub>37</sub>N<sub>7</sub>O<sub>8</sub> 623.66

MP74787

10mg

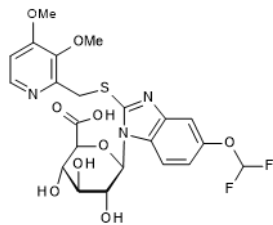
\$3200.00

**Pantoprazole sulfide-b-D-glucuronide**

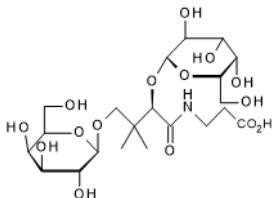
• 5-(Difluoromethoxy)-2-(3,4-dimethoxy-2-pyridinylmethylthio)-1-b-D-glucopyranosyl-1H-benzimidazole

[867300-67-2] C<sub>22</sub>H<sub>23</sub>F<sub>2</sub>N<sub>3</sub>O<sub>9</sub>S 543.5

MP07288

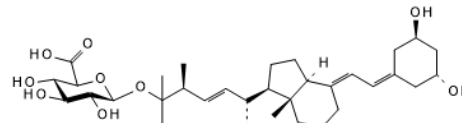
0.5mg  
1mg  
2mg\$315.00  
\$577.50  
\$1050.00**Pantothenic acid 2,4-di-O-b-D-galactopyranoside**C<sub>21</sub>H<sub>37</sub>NO<sub>15</sub> 543.52

MP04426

2mg  
5mg  
10mg\$89.30  
\$168.00  
\$315.00**Paracetamol-O-D-glucuronide**see *Acetaminophen D-glucuronide*, MA09392 on page 25**Paricalcitol 25-b-D-glucuronide**• (1R,3R,5Z)-5-[(2E)-2-[[[1R,3aS,7aR)-Octahydro-1-[[1R,2E,4S)-5-hydroxy-1,4,5-trimethyl-2-hexen-1-yl]-7a-methyl-4H-inden-4-ylidene]ethylidene]-1,3-cyclohexanediol 25-b-D-glucuronide  
• 1a,25-Dihydroxy-19-nor-vitamin D<sub>2</sub> 25-b-D-glucuronide  
• Zemplar 25-b-D-glucuronide[1260588-15-5] C<sub>33</sub>H<sub>52</sub>O<sub>9</sub> 592.76

MP16829

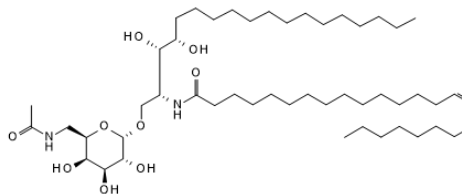
Price On Application

Refs: LeVan L.W, et al, *Biochemistry*, 20, 222 (1981); Litwiller, R.D, *J. Biol. Chem.*, 257, 7491 (1982)**PBS 57**

• (15Z)-N-[[[1S,2S,3R)-1-[[[6-(Acetylamino)-6-deoxy-a-D-galactopyranosyl]oxy]methyl]-2,3-dihydroheptadecyl]-15-tetracosenamido]

[898531-99-2] C<sub>50</sub>H<sub>96</sub>N<sub>2</sub>O<sub>9</sub> 869.31

MP16830

1mg  
2mg  
5mg\$902.80  
\$1641.40  
\$2984.30Refs: Liu, Y, et al, *J. Immunol. Methods*, 312, 34 (2006); Kamijuku, H, et al, *Mucosal Immunology*, 1, 208**Pectin**see *Poly-D-galacturonic acid methyl ester*, MP03545 on page 477**Pectinose**see *L-Arabinose*, MA02043 on page 82**Pelargonidin-3-O-glucoside chloride**[18466-51-8] C<sub>21</sub>H<sub>21</sub>ClO<sub>10</sub> 468.84

MP58147

1mg  
2mg  
5mg\$68.00  
\$112.00  
\$225.00

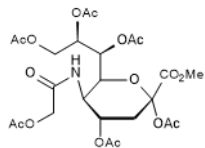
## Pentaacetyla

## 2,4,7,8,9-Penta-O-acetyl-N-acetylglycolyl-D-neuraminic acid methyl ester

[118865-38-6] C<sub>24</sub>H<sub>33</sub>NO<sub>16</sub> 591.53

MP09660

10mg	\$170.00
25mg	\$410.00
50mg	\$800.00



## 1,2,3,4,6-Penta-O-acetyl-α-D-fructofuranose

• α-D-Fructofuranose pentaacetate

[58670-14-7] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP145961

Price On Application



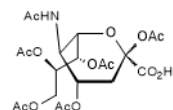
## 2,4,7,8,9-Penta-O-acetyl N-acetylneuraminic acid

• N-Acetylneuraminic acid 2,4,7,8,9-pentaacetate

[4887-11-0] C<sub>21</sub>H<sub>29</sub>NO<sub>14</sub> 519.45

MP07911

250mg	\$92.50
500mg	\$160.00
1g	\$262.50



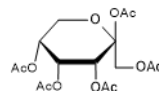
## 1,2,3,4,5-Penta-O-acetyl-β-D-fructose

• β-D-Fructose pentaacetate

[20764-61-8] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP06863

1g	\$68.30
2g	\$94.50
5g	\$183.80



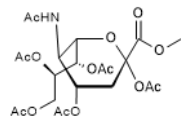
## 2,4,7,8,9-Penta-O-acetyl-N-acetylneuraminic acid methyl ester

• N-Acetylneuraminic acid methyl ester 2,4,7,8,9-pentaacetate

[73208-82-9] C<sub>22</sub>H<sub>31</sub>NO<sub>14</sub> 533.48

MP08988

1g	\$450.00
2g	\$850.00
5g	\$1750.00

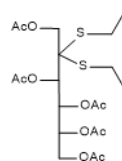


## Penta-O-acetyl-D-fructose diethylthioacetal

C<sub>20</sub>H<sub>32</sub>O<sub>10</sub>S<sub>2</sub> 496.59

MP05751

250mg	\$92.50
500mg	\$160.00
1g	\$315.00



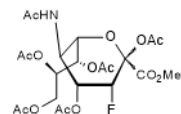
## 2,4,7,8,9-Penta-O-acetyl-3-fluoro-N-acetyl-D-neuraminic acid methyl ester

• (1S,2R)-1-((3S,4R,5R,6S)-3-Acetamido-4,6-diacetoxy-5-fluoro-6-(methoxycarbonyl)tetrahydro-2H-pyran-2-yl)propane-1,2,3-triyl triacetate  
 • Methyl 5-acetamido-2,4,7,8,9-penta-O-acetyl-3,5-dideoxy-3-fluoro-D-erythro-α-L-manno-2-nonulopyranulosate

C<sub>22</sub>H<sub>30</sub>FNO<sub>14</sub> 551.47

MM45150

Price On Application

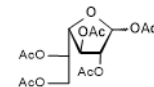


## 1,2,3,5,6-Penta-O-acetyl-D-galactofuranose

[62181-82-2] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.4

MP07015

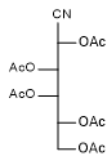
200mg	\$74.00
500mg	\$135.00
1g	\$189.00



**2,3,4,5,6-Penta-O-acetyl-D-galactonitrile**[35439-42-0] C<sub>16</sub>H<sub>21</sub>NO<sub>10</sub> 387.34

MP05242

Price On Application



Refs: Wolfrom ML, Georges LW, Soltzberg S, J. Am. Chem. Soc. 1934, Vol56, p1794

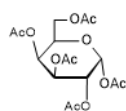
**1,2,3,4,6-Penta-O-acetyl-a-D-galactopyranose**

• a-D-Galactose pentaacetate

[4163-59-1] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP04965

50g	\$80.00
100g	\$150.00
250g	\$325.00



Refs: Brevnov MG, Gritsenko OM, Mikhailov SN, Efimtseva EV, Ermolinsky BS, Van Aerschoot A, Herdewijn P, Repyk AV, Gromova ES, Nucleic Acids Res. Vol 25, No16, p3302-3309

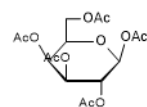
**1,2,3,4,6-Penta-O-acetyl-b-D-galactopyranose**

• b-D-Galactose pentaacetate

[4163-60-4] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP06689

100g	\$60.00
250g	\$110.00
500g	\$195.00

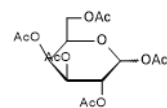


Refs: Khair N, Martin-Lomas M, J. Org. Chem. 1995, Vol60, p7017-7021; Spero L, Ballou CE, Link KP, J. Am. Chem. Soc. 1949, Vol71, p3740

**1,2,3,4,6-Penta-O-acetyl-D-galactopyranose**[25878-60-8] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP03541

100g	\$60.00
250g	\$110.00
500g	\$190.00



Refs: Yin, et al, J. Biomed. Mater. Res. 2003, 67, 1093-1104

**1,2,3,4,6-Penta-O-acetyl-D-glucosamine**

see 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-D-galactopyranose, MA07898 on page 19

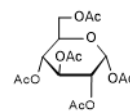
**1,2,3,4,6-Penta-O-acetyl-a-D-glucopyranose**

• a-D-Glucose pentaacetate

[604-68-2] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP05197

250g	\$50.00
500g	\$95.00
1kg	\$160.00



Refs: Haikal AZ, El Ashry ESH, Banoub J, Carbohydr. Res. 2003, Vol338, No22, p2291-2299

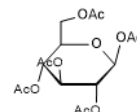
**1,2,3,4,6-Penta-O-acetyl-b-D-glucopyranose**

• b-D-Glucose pentaacetate

[604-69-3][154395-36-5] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP05836

250g	\$55.00
500g	\$95.00
1Kg	\$170.00

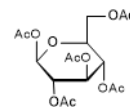


Refs: Leclercq-Meyer V, Kadiata MM, Malaisse WJ, Am. J. Physiol. Endocrinol. Metabol. 1999, 276, pE689; Hendricks SB, Wulf OR, Liddel U, J. Am. Chem. Soc. 1936, p1997; Horita DA, Hajduk PJ, Lerner LE, Glycoconjugate J. 1997, 14, 5, p691

**1,2,3,4,6-Penta-O-acetyl-b-L-glucopyranose**[66966-07-2] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP04365

5g	\$930.00
10g	\$1300.00
25g	\$1875.00

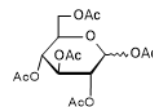
**1,2,3,4,6-Penta-O-acetyl-D-glucopyranose**

• D-Glucose pentaacetate

[83-87-4][3891-59-6] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP05825

100g	\$40.00
250g	\$65.00
500g	\$115.00



Refs: Dong JQ, Zhang SJ, Wang YG, Chin. Chem. Lett. 2003, Vol14, No9, p904-906

**1,2,3,4,6-Penta-O-acetyl-a-D-glucosamine**

see 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-a-D-glucopyranose, MA07519 on page 20

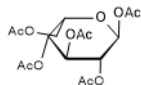
**Pentaacetylgl****1,2,3,4,6-Penta-O-acetyl-b-D-glucosamine**see *2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-glucopyranose*, MA06633 on page 20**Penta-O-acetyl-a-L-idopyranose**

• a-L-Idose pentaacetate

[16299-15-3][2152-77-4] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

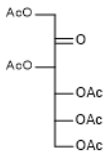
MP04747

50mg	\$104.00
100mg	\$173.00
250mg	\$392.50

**1,3,4,5,6-Penta-O-acetyl-2-keto-D-fructose**C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP05754

500mg	\$105.00
1g	\$178.50
2g	\$336.00

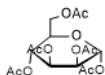
**1,2,3,4,6-Penta-O-acetyl-a-D-mannopyranose**

• a-D-Mannose pentaacetate

[4163-65-9] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

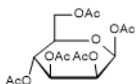
MP00483

25g	\$75.00
50g	\$115.00
100g	\$195.00

Refs: Akai S, Kajihara Y, Nagashima Y, Kamei M, Arai J, et al, *J. Carbohydr. Chem.* 2001, Vol20, No2, p121-143**1,2,3,4,6-Penta-O-acetyl-b-D-mannopyranose**[4026-35-1] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP00478

1g	\$126.00
2g	\$245.00
5g	\$600.00

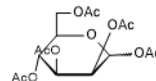
Refs: Akai, Kajihara Y, Nagashim Y, Kamei M, Arai J, *J. Carbohydr. Chem.* 2001, 20, 2, p121**1,2,3,4,6-Penta-O-acetyl-D-mannopyranose**

• D-Mannose pentaacetate

[25941-03-1][4163-65-9] C<sub>16</sub>H<sub>22</sub>O<sub>11</sub> 390.34

MP00476

25g	\$80.00
50g	\$125.00
100g	\$200.00

Refs: Roy R, Das SK, Hernández-Mateo F, Santoyo-González F, Gan Z, *Synthesis* 2001, p1049-1052**1,2,3,4,6-Penta-O-acetyl-a-D-talopyranose**

[19186-39-1]

MP146383

Price On Application

**1,2,3,4,6-Penta-O-acetyl-1-thio-β-D-galactopyranose**

[6806-56-0]

MP75119

100mg	\$105.00
250mg	\$215.00
500mg	\$375.00

**1,2,3,4,6-Penta-O-acetyl-5-thio-D-galactopyranose**

MP72467

Price On Application

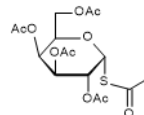
**1,2,3,4,6-Penta-O-acetyl-a-D-thiogalactopyranose**

• 1-Thio-a-D-galactopyranose pentaacetate

[130796-15-5] C<sub>16</sub>H<sub>22</sub>O<sub>10</sub>S 406.41

MP04858

25mg	\$95.00
50mg	\$155.00
100mg	\$250.00



**1,2,3,4,6-Penta-O-acetyl-5-thio-b-D-galactopyranoside**

MP16362

Price On Application

**1,2,3,4,6-Penta-O-acetyl-5-thio-D-galactose**C<sub>16</sub>H<sub>22</sub>O<sub>10</sub>S 406.41

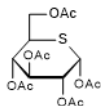
MP73237

Price On Application

**1,2,3,4,6-Penta-O-acetyl-5-thio-a-D-glucopyranose**[10227-18-6] C<sub>16</sub>H<sub>22</sub>O<sub>10</sub>S 406.41

MP36319

25mg	\$250.00
50mg	\$450.00
100mg	\$800.00

**1,2,3,4,6-Penta-O-acetyl-b-D-thioglucopyranose**

[13639-50-4]

MP30930

1g	\$250.00
2g	\$450.00
5g	\$950.00

**1,2,3,4,6-Penta-O-acetyl-5-thio-D-glucose**[10470-80-1] C<sub>16</sub>H<sub>22</sub>O<sub>10</sub>S 406.41

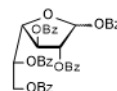
MP72465

Price On Application

**1,2,3,5,6-Penta-O-benzoyl-D-galactofuranose**C<sub>41</sub>H<sub>32</sub>O<sub>11</sub> 700.69

MP06718

1g	\$120.00
2g	\$190.00
5g	\$375.00

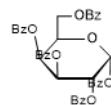


Refs: Marino C, Chioconi A, Varela O, de Lederkremer RM, Carbohydr. Res. 1998, Vol311, No4, p183-189

**1,2,3,4,6-Penta-O-benzoyl-a-D-galactopyranose**[41545-55-5] C<sub>41</sub>H<sub>32</sub>O<sub>11</sub> 700.69

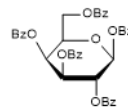
MP07296

500mg	\$95.00
1g	\$125.00
2g	\$195.00

**1,2,3,4,6-Penta-O-benzoyl-b-D-galactopyranose**[41545-56-6] C<sub>41</sub>H<sub>32</sub>O<sub>11</sub> 700.71

MP07649

Price On Application

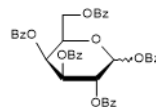
**1,2,3,4,6-Penta-O-benzoyl-D-galactopyranoside**

- D-Galactopyranose 1,2,3,4,6-pentabenzozoate
- D-Galactose, 1,2,3,4,6-pentabenzozoate

[3006-48-2] C<sub>41</sub>H<sub>32</sub>O<sub>11</sub> 700.69

MP16831

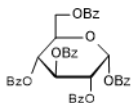
500mg	\$115.00
1g	\$199.90
2g	\$363.40



**Pentabenzoyl****1,2,3,4,6-Penta-O-benzoyl-a-D-glucopyranose**[22415-91-4] C<sub>41</sub>H<sub>32</sub>O<sub>11</sub> 700.69

MP06709

1g	\$63.00
5g	\$126.00
10g	\$231.00



Refs: Gros EG, Ondetti MA, Sproviero JO, Deulofeu V, et al, J. Org. Chem. 1962, Vol27, p924; Ness RK, Fletcher Jr HG, Hudson CS, J. Am. Chem. Soc. 1950, Vol72, p2200

**1,2,3,4,6-Penta-O-benzoyl-b-D-glucopyranose**[14679-57-3] C<sub>41</sub>H<sub>32</sub>O<sub>11</sub> 700.69

MP158696

Price On Application

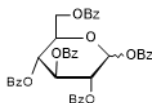
**1,2,3,4,6-Penta-O-benzoyl-D-glucopyranoside**

• D-Glucopyranose 1,2,3,4,6-pentabenzoyl

[3006-49-3] C<sub>41</sub>H<sub>32</sub>O<sub>11</sub> 700.69

MP16832

1g	\$119.90
2g	\$218.10
5g	\$396.40



Refs: Gauthier, C, et al, Bioorg. Med. Chem, 14, 6713 (2006)

**1,2,3,4,6-Penta-O-benzoyl-a-D-mannopyranose**

[41569-33-9]

MP71837

500g	\$2875.00
1Kg	\$3750.00
2Kg	\$5950.00

**1,2,3,4,6-Penta-O-benzoyl-b-D-mannopyranose**

• 1,2,3,4,6-Penta-O-benzoyl-b-D-mannopyranose

[13526-09-5] C<sub>41</sub>H<sub>32</sub>O<sub>11</sub> 700.7

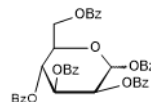
MP02169

Price On Application

**1,2,3,4,6-Penta-O-benzoyl-D-mannopyranose**[96996-90-6] C<sub>41</sub>H<sub>32</sub>O<sub>11</sub> 700.69

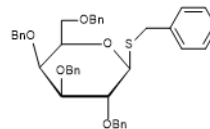
MP04854

5g	\$84.00
10g	\$147.00
25g	\$315.00

**1,2,3,4,6-Penta-O-benzyl-b-D-thiogalactopyranoside**[210358-01-3] C<sub>41</sub>H<sub>42</sub>O<sub>5</sub>S 646.84

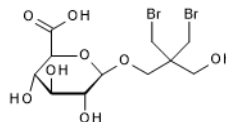
MP05409

10g	\$157.50
25g	\$262.50
50g	\$472.50

**Pentaerythritol dibromide b-D-glucuronide**[1138247-37-6] C<sub>11</sub>H<sub>18</sub>Br<sub>2</sub>O<sub>8</sub> 438.06

MP10465

1mg	\$84.00
2mg	\$136.50
5mg	\$262.50



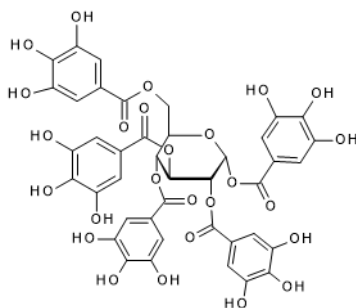
**1,2,3,4,6-Penta-O-galloyl-a-D-glucopyranose**

• a-Pentagalloylglucose

[70470-10-9] C<sub>41</sub>H<sub>32</sub>O<sub>26</sub> 940.68

MP32091

5mg	\$63.00
10mg	\$99.80
25mg	\$184.00

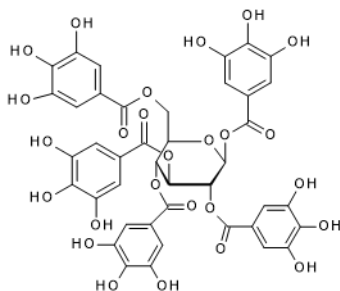
**1,2,3,4,6-Penta-O-galloyl-b-D-glucopyranose**

• Pentagalloylglucose

[14937-32-7] C<sub>41</sub>H<sub>32</sub>O<sub>26</sub> 940.68

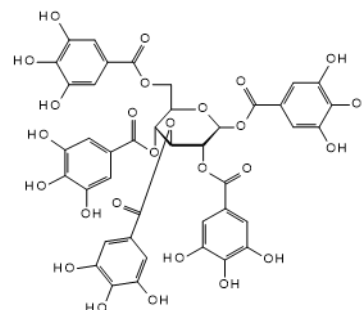
MP05328

5mg	\$50.00
10mg	\$80.00
25mg	\$130.00

Refs: Baxter NJ, Lilley TH, Haslam E, Williamson MP. *Biochemistry* 1997, Vol36, p5566-5577**1,2,3,4,6-Penta-O-galloyl-D-glucopyranose**[50678-27-8] C<sub>41</sub>H<sub>32</sub>O<sub>26</sub> 940.68

MP46235

Price On Application

**a-Pentagalloylglucose**see *1,2,3,4,6-Penta-O-galloyl-a-D-glucopyranose*, MP32091 on page 455**Pentagalloylglucose**see *1,2,3,4,6-Penta-O-galloyl-b-D-glucopyranose*, MP05328 on page 455**1,2,3,4,5-Pentahydroxycaproic acid δ-lactone**see *D-Glucono-1,5-lactone*, MG03824 on page 288**3,3',4',5,7-Pentahydroxyflavone 3-glucuronide**see *Quercetin 3-O-b-D-glucuronide*, MQ09305 on page 487**(3S,4R,5S)-1,3,4,5,6-Pentahydroxyhexan-2-one**see *L-Sorbose*, MS05200 on page 506**1,2,3,4,6-Penta-O-pivaloyl-b-D-galactopyranoside**[108342-85-4] C<sub>31</sub>H<sub>52</sub>O<sub>11</sub> 600.74

MG05040

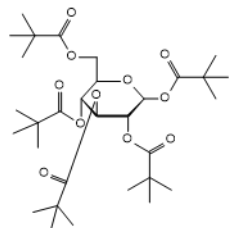
50g	\$375.00
100g	\$550.00
250g	\$875.00



**Pentapivaloyl****1,2,3,4,6-Penta-O-pivaloyl-b-D-glucopyranose**[81058-26-6] C<sub>31</sub>H<sub>52</sub>O<sub>11</sub> 600.74

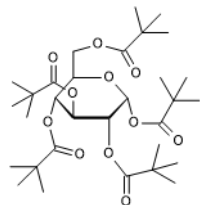
MP58357

1g	\$61.12
2g	\$158.10
5g	\$252.95

**1,2,3,4,6-Penta-O-pivaloyl-a-D-glucopyranoside**C<sub>31</sub>H<sub>52</sub>O<sub>11</sub> 600.75

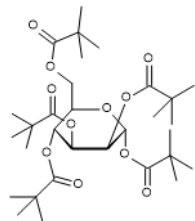
MP04221

1g	\$40.00
2g	\$50.00
5g	\$60.00

**1,2,3,4,6-Penta-O-pivaloyl-a-D-mannopyranose**C<sub>31</sub>H<sub>52</sub>O<sub>11</sub> 600.74

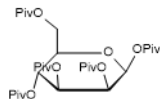
MP07152

10g	\$210.00
25g	\$367.50
50g	\$630.00

**1,2,3,4,6-Penta-O-pivaloyl-b-D-mannopyranose**C<sub>31</sub>H<sub>52</sub>O<sub>11</sub> 600.74

MP08329

10g	\$78.80
25g	\$131.50
50g	\$210.00

**1,2,3,5,6-Penta-O-propanoyl-b-D-glucofuranose**

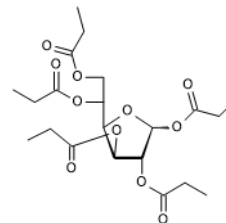
MP58664

2mg	\$60.00
5mg	\$340.95
10mg	\$545.50

**1,2,3,5,6-Penta-O-propanoyl-D-glucofuranose**[307531-77-7] C<sub>21</sub>H<sub>32</sub>O<sub>11</sub> 460.47

MP06703

250mg	\$92.50
500mg	\$160.00
1g	\$236.30



Refs: Furneaux RH, Rendle PM, Sims IM, Perkin Trans. Pt1 Org. Chem. 2000, 13, p2011-2014

**Pentamic acid**

• 2,3,4-Trihydroxyglutaric acid

[488-31-3] C<sub>5</sub>H<sub>8</sub>O<sub>7</sub> 180.11

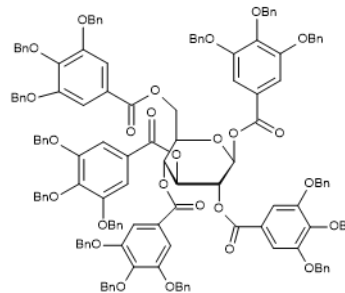
MP153474

Price On Application

**1,2,3,4,6-Penta-O-(3,4,5-tri-O-benzylgalloyl)-b-D-glucopyranose**[122625-60-9] C<sub>146</sub>H<sub>122</sub>O<sub>26</sub> 2292.52

MP06100

5mg	\$89.30
10mg	\$168.00
25mg	\$262.50

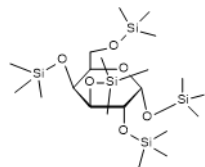




**1,2,3,4,6-Penta-O-trimethylsilyl-a-D-galactopyranose**C<sub>21</sub>H<sub>52</sub>O<sub>6</sub>Si<sub>5</sub> 541.07

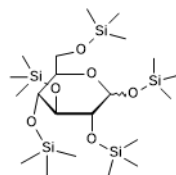
MP06938

500mg	\$105.00
1g	\$189.00
2g	\$367.50

**1,2,3,4,6-Penta-O-trimethylsilyl-D-glucopyranose**[19126-99-9] C<sub>21</sub>H<sub>52</sub>O<sub>6</sub>Si<sub>5</sub> 541.07

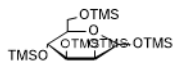
MP06937

1g	\$105.00
2g	\$157.50
5g	\$315.00

**1,2,3,4,6-Penta-O-trimethylsilyl-D-mannopyranose**[55529-69-6] C<sub>21</sub>H<sub>52</sub>O<sub>6</sub>Si<sub>5</sub> 541.06

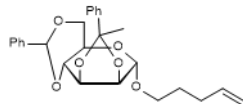
MP09490

500mg	\$105.00
1g	\$168.00
2g	\$262.50

**4-Pentenyl 4,6-O-benzylidene-2,3-phenylethylidene-a-D-mannopyranoside**C<sub>26</sub>H<sub>30</sub>O<sub>6</sub> 438.51

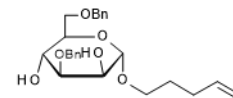
MP11007

50mg	\$105.00
100mg	\$189.00
250mg	\$395.00

**4-Pentenyl 3,6-di-O-benzyl-a-D-mannopyranoside**C<sub>25</sub>H<sub>32</sub>O<sub>6</sub> 428.52

MP10997

100mg	\$84.00
250mg	\$197.50
500mg	\$315.00

**Pent-4-enyl-D-glucopyranoside**[125631-33-6] C<sub>11</sub>H<sub>20</sub>O<sub>6</sub> 248.27

MP150983

50mg	\$68.00
100mg	\$119.00
250mg	\$237.50

**Pentenylglycoside derivatives**

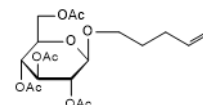
MP02630

Price On Application

**4-Penten-1-yl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside**[50256-33-2] C<sub>19</sub>H<sub>28</sub>O<sub>10</sub> 416.42

MP57721

Price On Application

**Peonidin-3-O-arabinoside chloride**

[524943-91-7]

MP71624

5mg	\$350.00
10mg	\$600.00
20mg	\$1000.00



## Peonidingala

## Peonidin-3-O-galactoside chloride

• Galactopeonidin

[28148-89-2]

MP171623

5mg	\$350.00
10mg	\$600.00
20mg	\$1000.00



## Peonidin 3-O-glucoside chloride

• Glucopeonidin

[6906-39-4] C<sub>22</sub>H<sub>23</sub>O<sub>11</sub>Cl 498.86

MP44894

1mg	\$175.00
2mg	\$300.00
5mg	\$475.00



## Per-O-acetyl-b-L-rhamnopyranose

see 1,2,3,4-Tetra-O-acetyl-b-L-rhamnopyranose, MT06192 on page 536

## Per-O-acetyl-thiophenyl-N-acetylneuraminic acid methyl ester

see Phenyl 4,7,8,9-tetra-O-acetyl-2-thio-N-acetyl-D-neuraminic acid methyl ester, MP08082 on page 470

## Per-O-acetyl-thiophenyl-N-glycolylneuraminic acid methyl ester

see Phenyl 4,7,8,9-tetra-O-acetyl-2-thio-N-glycolyl-D-neuraminic acid methyl ester, MP08083 on page 470

## Perbenzylated methylglucoside

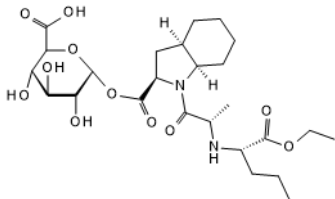
see Methyl 2,3,4,6-tetra-O-benzyl-D-glucopyranoside, MM06071 on page 416

## Perindopril acyl-a-D-glucuronide

C<sub>25</sub>H<sub>40</sub>N<sub>2</sub>O<sub>11</sub> 544.6

MP07292

1mg	\$1575.00
2mg	\$3150.00
5mg	\$6300.00

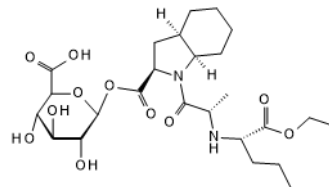


## Perindopril acyl-b-D-glucuronide

[120398-66-5] C<sub>25</sub>H<sub>40</sub>N<sub>2</sub>O<sub>11</sub> 544.6

MP07293

1mg	\$220.00
2mg	\$390.00
5mg	\$850.00

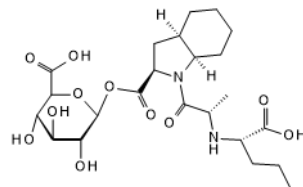


## Perindoprilat acyl-b-D-glucuronide

[120381-56-8] C<sub>23</sub>H<sub>36</sub>N<sub>2</sub>O<sub>11</sub> 516.54

MP07294

1mg	\$465.00
2mg	\$746.00
5mg	\$1490.00



## D-Perosamine

see 4-Amino-4,6-dideoxy-D-mannose, MA09871 on page 63

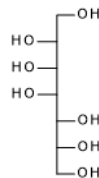
## Perseitol

• D-Glycero-D-galacto-heptitol

[527-06-0] C<sub>7</sub>H<sub>16</sub>O<sub>7</sub> 212.2

MP05384

1g	\$65.00
2g	\$90.00
5g	\$175.00



**2,4,7,8,9-Petra-O-acetyl-N-acetyl-3-fluoro-b-D-neuraminic acid methyl ester**

• 5-(Acetylamino)-3,5-dideoxy-3-fluoro-D-erythro- $\alpha$ -L-manno-2-Nonulopyranosonic acid, methyl ester, 2,4,7,8,9-pentaacetate

[117405-58-0] C<sub>22</sub>H<sub>30</sub>FNO<sub>14</sub> 551.47

MP153300

10mg \$170.00  
25mg \$375.00  
50mg \$650.00

**Petunidin 3-glucoside chloride**

[6988-81-4] C<sub>22</sub>H<sub>23</sub>O<sub>12</sub>Cl 514.86

MP44898

1mg \$150.00  
2mg \$260.00  
5mg \$525.00

**Phaseolunatin**

see *Linamarin*, ML04551 on page 348

**Phenolphthalein b-D-glucuronic acid sodium salt**

• Phenolphthalein mono-b-D-glucosiduronic acid  
• Phenolphthalein-b-D-glucuronide

[15265-26-6] C<sub>26</sub>H<sub>22</sub>O<sub>10</sub>Na 517.44

MP56761

10mg \$60.00  
25mg \$100.00  
50mg \$160.00

**Phenolphthalein-b-D-glucuronide**

see *Phenolphthalein b-D-glucuronic acid sodium salt*, MP56761 on page 459

**Phenolphthalein mono-b-D-glucosiduronic acid**

see *Phenolphthalein b-D-glucuronic acid sodium salt*, MP56761 on page 459

**1-[2-O-(Phenoxythioxomethyl)-3,5-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediy]]-b-D-ribofuranosyl]-4-(phenylmethoxy)-1H-imidazo[2,1-b]purine**

see *O6-Benzyl-N2,3-etheno-2'-phenoxythioxomethyl-3',5'-O-[tetrakis(isopropyl)-1,3-disiloxanediy]] guanosine*, MB16631 on page 110

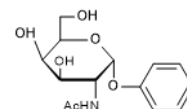
**Phenyl 2-acetamido-2-deoxy-a-D-galactopyranoside**

• Phenyl N-acetyl-a-D-galactopyranoside

[13089-18-4] C<sub>14</sub>H<sub>19</sub>NO<sub>6</sub> 297.3

MP01621

5mg \$110.00  
10mg \$190.00  
25mg \$375.00



Refs: Weissmann B, J. Org. Chem. 1966, p2505

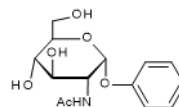
**Phenyl 2-acetamido-2-deoxy-a-D-glucopyranoside**

• 1-Phenyl-2-acetamido-2-deoxy-a-D-glucoside  
• Phenyl N-acetyl-a-D-glucosamine  
• b-Phenyl-n-acetyl-a-D-glucosaminide

[10139-04-5] C<sub>14</sub>H<sub>19</sub>NO<sub>6</sub> 297.3

MP05110

50mg \$100.00  
100mg \$168.00  
250mg \$315.00



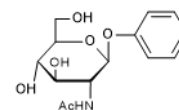
Refs: Tanimural F, Morioka H, Eur. Arch. Oto-Rhino-Laryngology 1993, Vol250, No6, p337-341

**Phenyl 2-acetamido-2-deoxy-b-D-glucopyranoside**

[5574-80-1] C<sub>14</sub>H<sub>19</sub>NO<sub>6</sub> 297.3

MP01853

1g \$55.00  
2g \$90.00  
5g \$175.00

**1-Phenyl-2-acetamido-2-deoxy-a-D-glucoside**

see *Phenyl 2-acetamido-2-deoxy-a-D-glucopyranoside*, MP05110 on page 459

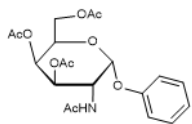
## Phenylacetam

## Phenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranoside

[13089-43-5] C<sub>20</sub>H<sub>25</sub>NO<sub>9</sub> 423.41

MP00519

1g	\$850.00
2g	\$1400.00
5g	\$2000.00

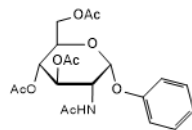


## Phenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranoside

[13089-19-5] C<sub>20</sub>H<sub>25</sub>NO<sub>9</sub> 423.41

MP06799

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

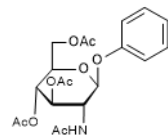


## Phenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside

[13089-21-9] C<sub>20</sub>H<sub>25</sub>NO<sub>9</sub> 423.41

MP05918

500mg	\$55.00
1g	\$89.30
5g	\$262.50

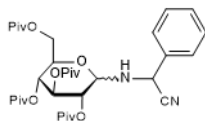


## N-(2'-Phenylacetonitrile)-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside

C<sub>34</sub>H<sub>50</sub>N<sub>2</sub>O<sub>9</sub> 630.77

MP08506

Price On Application



## Phenyl 4-O-acetyl-3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-thioglucofuranoside

[159734-71-1]

MP04320

Price On Application



## Phenyl 2-O-acetyl-3,4-di-O-benzyl-6-deoxy-1-thio-a-L-mannopyranoside

see 1-S-Phenyl-2-O-acetyl-3,4-di-O-benzyl-a-L-thiorhamnopyranose, MP04092 on page 460

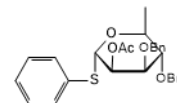
## 1-S-Phenyl-2-O-acetyl-3,4-di-O-benzyl-a-L-thiorhamnopyranose

• Phenyl 2-O-acetyl-3,4-di-O-benzyl-6-deoxy-1-thio-a-L-mannopyranoside

[636559-71-2] C<sub>28</sub>H<sub>30</sub>O<sub>5</sub>S 478.6

MP04092

Price On Application



## Phenyl N-acetyl-a-D-galactopyranoside

see Phenyl 2-acetamido-2-deoxy-a-D-galactopyranoside, MP01621 on page 459

## Phenyl N-acetyl-a-D-glucosamine

see Phenyl 2-acetamido-2-deoxy-a-D-glucopyranoside, MP05110 on page 459

## b-Phenyl-n-acetyl-a-D-glucosaminide

see Phenyl 2-acetamido-2-deoxy-a-D-glucopyranoside, MP05110 on page 459

## Phenyl 2-O-Acetyl-3,4,6-tri-O-benzyl-1-thio-b-D-galactopyranoside

• Gal[2Ac,346Bn]-b-SPh

[183875-28-7] C<sub>35</sub>H<sub>36</sub>O<sub>6</sub>S 584.72

MP60582

1g	\$2000.00
2g	\$3600.00



P

**Phenyl 3-O-Allyl-2,4,6-tri-O-benzyl-1-thio-b-D-galactopyranoside**

• Gal[246Bn,3AlI]-b-SPh

[1017587-57-3] C<sub>36</sub>H<sub>38</sub>O<sub>5</sub>S 582.75

MP60576

100mg	\$53.00
250mg	\$106.00
500mg	\$184.00

**2-Phenylamino-6-chloro-9-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)purine***see 6-Chloro-N-phenyl-9-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)-9H-purin-2-amine, MC16654 on page 146***Phenyl 2-azido-3-O-benzyl-4,6-O-benzylidene-2-deoxy-b-D-thioglucopyranoside**

MP156831

Price On Application

**Phenyl 2-azido-3-O-benzyl-2-deoxy-4-O-p-methoxybenzyl-b-D-thioglucopyranoside**

MP63301

Price On Application

**Phenyl 2-azido-2-deoxy-b-D-selenofucopyranoside**

MP63347

Price On Application

**Phenyl 2-azido-2-deoxy-b-D-thioglucopyranoside**

MP63300

Price On Application

**Phenyl 6-azido-6-deoxy-2,3,4-tri-O-benzyl-b-D-thioglucopyranoside**[191668-88-9] C<sub>33</sub>H<sub>36</sub>N<sub>3</sub>O<sub>4</sub>S 570.72

MP04360

Price On Application

**Phenyl 4-azido-2,3-di-O-benzyl-4,6-dideoxy-b-D-thioglucopyranoside**[369631-91-4] C<sub>26</sub>H<sub>30</sub>N<sub>3</sub>O<sub>3</sub>S 464.6

MP04357

Price On Application

**Phenyl 2-azido-3,4,6-tri-O-benzyl-2-deoxy-b-D-thioglucopyranoside**[236115-65-4] C<sub>33</sub>H<sub>36</sub>N<sub>3</sub>O<sub>4</sub>S 570.72

MP04351

Price On Application

**Phenyl 3-azido-2,4,6-tri-O-benzyl-3-deoxy-b-D-thioglucopyranoside**[236115-66-5] C<sub>33</sub>H<sub>36</sub>N<sub>3</sub>O<sub>4</sub>S 570.72

MP06078

Price On Application



## Phenylazidot

## Phenyl 4-azido-2,3,6-tri-O-benzyl-4-deoxy-b-D-thioglucopyranoside

[236115-67-6] C<sub>33</sub>H<sub>38</sub>N<sub>3</sub>O<sub>4</sub>S 570.72

MP04354

Price On Application



## Phenyl 2-O-benzoyl-4,6-O-benzylidene-3-O-(2-naphthylmethyl)-b-D-thioglucopyranoside

[1352561-95-5] C<sub>37</sub>H<sub>32</sub>O<sub>6</sub>S 604.71

MP63318

50mg	\$85.00
100mg	\$150.00
250mg	\$225.00



## Phenyl 2-O-benzoyl-3-O-benzyl-4-O-levulinoyl-b-D-thioglucuronide methyl ester

MP63343

Price On Application



## Phenyl N-Benzyl-2-amino-4,6-O-benzylidene-2-N,3-O-carbonyl-2-deoxy-1-thio-b-D-glucopyranoside

[910805-49-1] C<sub>27</sub>H<sub>25</sub>NO<sub>5</sub>S 475.56

MP60579

50mg	\$40.00
100mg	\$70.00
250mg	\$139.00

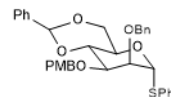


## Phenyl 2-O-benzyl-4,6-O-benzylidene-3-O-p-methoxybenzyl-a-D-thiomannopyranoside

C<sub>34</sub>H<sub>34</sub>O<sub>6</sub>S 570.7

MP10124

250mg	\$262.50
500mg	\$420.00
1g	\$787.50



## Phenyl 2-O-benzyl-4,6-O-benzylidene-3-O-methoxyphenylmethyl-a-D-thiomannopyranoside

[177943-74-7]

MP46484

10g	\$950.00
25g	\$1625.00
50g	\$2500.00

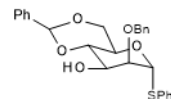


## Phenyl 2-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside

C<sub>26</sub>H<sub>26</sub>O<sub>5</sub>S 450.55

MP10125

250mg	\$262.50
500mg	\$345.00
1g	\$577.50

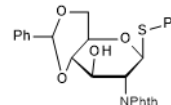


## Phenyl 4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-thioglucopyranoside

[79528-51-1] C<sub>27</sub>H<sub>23</sub>NO<sub>6</sub>S 489.54

MP04302

1g	\$210.00
2g	\$340.00
5g	\$700.00



## Phenyl 4,6-O-benzylidene-2-deoxy-2-N-(2,2,2-trichloroethyl)-b-D-thioglucofuranoside

MP137365

Price On Application



## Phenyl 4,6-O-benzylidene-b-D-thiogalactopyranoside

[138922-03-9] C<sub>19</sub>H<sub>20</sub>O<sub>5</sub>S 360.42

MP06090

5g	\$800.00
10g	\$1200.00
25g	\$1950.00

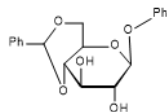


## Phenyl 4,6-O-benzylidene-b-D-glucopyranoside

[75829-66-2] C<sub>19</sub>H<sub>20</sub>O<sub>6</sub> 344.36

MP04997

1g	\$68.30
2g	\$115.50
5g	\$233.75



## Phenyl 4,6-O-benzylidene-a-D-thioglucofuranoside

C<sub>19</sub>H<sub>20</sub>O<sub>5</sub>S 360.42

MP04359

Price On Application



## Phenyl 4,6-O-benzylidene-2-O-levulinoyl-3-O-(2-naphthylmethyl)-b-D-thioglucofuranoside

MP76620

Price On Application



## Phenyl 4,6-O-benzylidene-b-D-thioglucofuranoside

[71676-30-7][87508-17-6] C<sub>19</sub>H<sub>20</sub>O<sub>5</sub>S 360.42

MP04366

500mg	\$50.00
1g	\$91.00
2g	\$158.00



## Phenyl 4,6-O-benzylidene-3-O-(4-methoxybenzyl)-a-D-thiomannopyranoside

[168138-26-9]

MP46497

5g	\$1400.00
10g	\$1850.00
25g	\$3125.00



## Phenyl 4,6-O-benzylidene-1-thio-a-D-mannopyranoside

see Phenyl 4,6-O-benzylidene-a-D-thiomannopyranoside, MP11291 on page 463

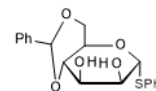
## Phenyl 4,6-O-benzylidene-a-D-thiomannopyranoside

- Phenyl 4,6-O-benzylidene-1-thio-a-D-mannopyranoside
- Phenyl 4,6-O-[(R)-phenylmethylene]-1-thio-a-D-mannopyranoside
- Phenyl 4,6-O-(phenylmethylene)-1-thio-a-D-mannopyranoside

[159407-19-9] C<sub>19</sub>H<sub>20</sub>O<sub>5</sub>S 360.43

MP11291

1g	\$500.00
2g	\$790.00
5g	\$1250.00



## Phenyl 4,6-O-benzylidene-3-O-(2-naphthylmethyl)-b-D-thioglucofuranoside

MP76619

Price On Application



## Phenylbenzyl

## Phenyl 3-O-benzyl-b-D-thioglucofuranoside

[189144-54-5]

MP46592

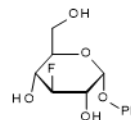
Price On Application



## Phenyl 3-deoxy-3-fluoro-a-D-glucopyranoside

C<sub>12</sub>H<sub>15</sub>FO<sub>5</sub> 258.24

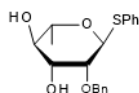
MP11443

5mg \$90.00  
10mg \$160.00  
25mg \$275.00

## Phenyl 2-O-benzyl-a-L-thiorhamnopyranoside

C<sub>19</sub>H<sub>22</sub>O<sub>4</sub>S 346.44

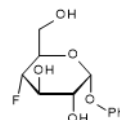
MP07290

25mg \$89.50  
50mg \$168.00  
100mg \$263.00

## Phenyl 4-deoxy-4-fluoro-a-D-glucopyranoside

C<sub>12</sub>H<sub>15</sub>FO<sub>5</sub> 258.24

MP11444

10mg \$75.00  
25mg \$140.00  
50mg \$230.00

P

## Phenyl 6-O-t-butylidimethylsilyl-b-D-thiogalactopyranoside

[225241-29-2]

MP04216

Price On Application

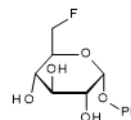


## Phenyl 6-deoxy-6-fluoro-a-D-glucopyranoside

C<sub>12</sub>H<sub>15</sub>FO<sub>5</sub> 258.24

MP11445

1g \$3500.00

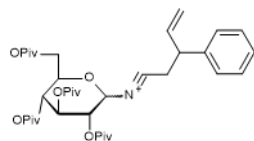


## N-(2-Phenyl-1-cyano-3-butene)-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside

C<sub>37</sub>H<sub>54</sub>NO<sub>9</sub> 656.84

MP08502

Price On Application



## N-Phenyl-2-deoxy-D-glucosylamine

see 2-Deoxy-N-phenylglucosylamine, MD31766 on page 183

## Phenyl 2-deoxy-2-phthalimido-b-D-thioglucofuranoside

[79528-50-0]

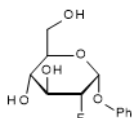
MP04287

1g \$550.00  
2g \$960.00  
5g \$2000.00

## Phenyl 2-deoxy-2-fluoro-a-D-glucopyranoside

C<sub>12</sub>H<sub>15</sub>FO<sub>5</sub> 258.24

MP11442

500mg \$1950.00  
1g \$2950.00  
2g \$5500.00



**Phenyl 2-Deoxy-1-thio-2-(2,2,2-trichloroethoxyformamido)-b-D-galactopyranoside**

[868230-98-2] 446.73

MP60575

Price On Application

**Phenyl 2-deoxy-2-trichloroacetamido-b-D-thiogalactopyranoside**

MP76451

Price On Application

**Phenyl 3,4-di-O-acetyl-2-O-benzyl-a-L-thiofucopyranoside**

[183051-73-2]

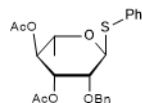
MP74774

Price On Application

**Phenyl 3,4-di-O-acetyl-2-O-benzyl-a-L-thiorhamnopyranoside**[849938-20-1] C<sub>23</sub>H<sub>26</sub>O<sub>6</sub>S 430.51

MP07289

25mg	\$89.50
50mg	\$168.00
100mg	\$263.00

**Phenyl 2,6-di-O-acetyl-3,4-O-isopropylidene-b-D-thiogalactopyranoside**

[124476-99-9]

MP04295

10g	\$3000.00
25g	\$4125.00
50g	\$6250.00

**Phenyl 3,6-diazido-2,4-di-O-benzyl-3,6-dideoxy-b-D-thioglucofuranoside**[688744-61-8] C<sub>26</sub>H<sub>32</sub>N<sub>6</sub>O<sub>3</sub>S 508.64

MP04353

Price On Application

**Phenyl 4,6-diazido-2,3-di-O-benzyl-4,6-dideoxy-b-D-thioglucofuranoside**[688744-55-0] C<sub>26</sub>H<sub>32</sub>N<sub>6</sub>O<sub>3</sub>S 508.64

MP04355

Price On Application

**Phenyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-thioglucofuranoside**

MP76618

Price On Application

**Phenyl 3,4-di-O-benzoyl-2-O-benzyl-b-L-thiofucopyranoside**C<sub>33</sub>H<sub>30</sub>O<sub>6</sub>S 554.65

MP59541

1g	\$85.00
2g	\$150.00
5g	\$325.00

**Phenyl 2,6-di-O-benzoyl-3,4-O-isopropylidene-b-D-thiogalactopyranoside**

[12477-00-5]

MP04303

Price On Application



**Phenyldibenz****Phenyl 2,3-di-O-benzoyl-b-D-thiogalactopyranoside**

[138857-53-1]

MP04307

Price On Application

**Phenyl 2,3-di-O-benzyl-b-D-thiogalactopyranoside**

[231623-55-5]

MP04284

Price On Application

**Phenyl 2,3-di-O-benzyl-4,6-O-benzylidene-b-D-thioglucopyranoside**[129171-17-1] C<sub>33</sub>H<sub>32</sub>O<sub>5</sub>S 540.67

MP06081

Price On Application

**Phenyl 2,3-di-O-benzyl-b-D-thioglucopyranoside**[129081-01-2] C<sub>33</sub>H<sub>34</sub>O<sub>5</sub>S 542.69

MP04352

Price On Application

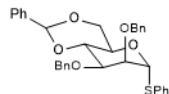


P

**Phenyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside**[903881-30-1] C<sub>33</sub>H<sub>32</sub>O<sub>5</sub>S 540.67

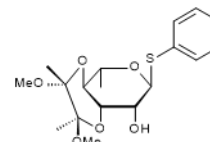
MP10126

250mg	\$262.50
500mg	\$420.00
1g	\$682.50

**Phenyl 3,4-O-(2',3'-dimethoxybutan-2',3'-diyl)-a-L-thiorhamnopyranoside**[202824-32-6] C<sub>18</sub>H<sub>26</sub>O<sub>6</sub>S 370.46

MP07286

50mg	\$89.50
100mg	\$168.00
250mg	\$262.50

**Phenyl 3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-thioglucopyranoside**

[159734-70-0]

MP04306

Price On Application

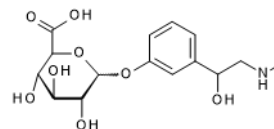
**2-Phenyl-1,3-dioxan-5-yl b-D-galactopyranoside tetraacetate**

see 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl (1,3-benzylidene)glycerol, MT16867 on page 528

**Phenylephrine-D-glucuronide**C<sub>15</sub>H<sub>21</sub>NO<sub>8</sub> 343.33

MP07287

1mg	\$210.00
2mg	\$367.50
5mg	\$735.00

**Phenyl 2,3-di-O-benzyl-6-deoxy-b-D-thioglucopyranoside**[125085-03-1] C<sub>26</sub>H<sub>26</sub>O<sub>4</sub>S 436.56

MP04358

Price On Application



**R-Phenyleprine-3-D-glucuronide**

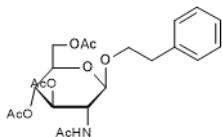
MP11768

Price On Application

**Phenylethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[197574-92-8] C<sub>22</sub>H<sub>29</sub>NO<sub>9</sub> 451.47

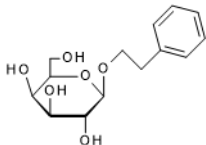
MP01854

10g	\$945.00
25g	\$1575.00
50g	\$2625.00

**Phenylethyl b-D-galactopyranoside**[14861-16-6] C<sub>14</sub>H<sub>20</sub>O<sub>6</sub> 284.31

MP05017

100mg	\$132.00
250mg	\$257.50
500mg	\$450.00

**Phenylethyl b-D-glucopyranoside**[18997-54-1] C<sub>14</sub>H<sub>20</sub>O<sub>6</sub> 284.31

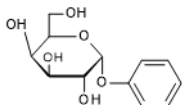
MP15471

50mg	\$100.00
100mg	\$184.00
250mg	\$315.00

**Phenyl a-D-galactopyranoside**[2871-15-0] C<sub>12</sub>H<sub>16</sub>O<sub>6</sub> 256.25

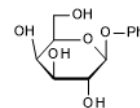
MP03209

1g	\$50.00
2g	\$90.00
5g	\$175.00

**Phenyl b-D-galactopyranoside**[2818-58-8] C<sub>12</sub>H<sub>16</sub>O<sub>6</sub> 256.25

MP02392

1g	\$35.00
2g	\$60.00
5g	\$125.00



Refs: Wang L, Li YM, Yip C, Qiu L, Zhou Z, Chan ASC, Adv. Synth. Catal. 2004, Vol346, Issue 8, p947-953

**Phenyl-a-D-glucopyranoside**

256.25

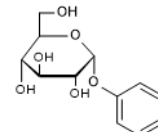
MP58451

Price On Application

**Phenyl a-D-glucopyranoside**[4630-62-0] C<sub>12</sub>H<sub>16</sub>O<sub>6</sub> 256.25

MP05293

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

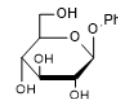


Refs: Poretz RD, Goldstein IJ, Biochemistry 1970, Vol9, No14, p2890

**Phenyl b-D-glucopyranoside**[1464-44-4] C<sub>12</sub>H<sub>16</sub>O<sub>6</sub> 256.25

MP02707

10g	\$50.00
25g	\$87.50
50g	\$180.00



Refs: Joniak D, Polakova M, J. Serb. Chem. Soc. 2001, Vol66, p81-86

**Phenyl b-D-glucopyranosiduronic acid**see *Phenyl b-D-glucuronide*, MP04835 on page 468**Phenyl b-D-glucuronic acid monohydrate**see *Phenyl b-D-glucuronide*, MP04835 on page 468

## Phenylglucur

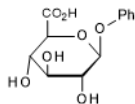
## Phenyl b-D-glucuronide

- Phenyl b-D-glucopyranosiduronic acid
- Phenyl b-D-glucuronic acid monohydrate

[17685-05-1] C<sub>12</sub>H<sub>14</sub>O<sub>7</sub> 270.24

MP04835

100mg	\$65.00
250mg	\$75.00
500mg	\$125.00



## Phenyl 3,6,2',3',4',6'-hexa-O-acetyl-2-deoxy-2-trichloroacetamido-b-D-thiolactoside

C<sub>32</sub>H<sub>38</sub>Cl<sub>3</sub>NO<sub>16</sub>S 831.07

MP59543

100mg	\$90.00
250mg	\$200.00
500mg	\$325.00



## Phenyl 3,4-O-isopropylidene-b-D-thiogalactopyranoside

[120095-47-8] C<sub>15</sub>H<sub>20</sub>O<sub>5</sub>S 312.38

MP04184

Price On Application



## 8-(Phenylmethoxy)guanosine

see 8-(Benzyloxy)guanosine, MB16633 on page 119

## 4-(Phenylmethoxy)-1-b-D-ribofuranosyl-1H-imidazo[2,1-b]purine

see O6-Benzyl-N2,3-etheno guanosine, MB16629 on page 110

## Phenylmethyl 2-(acetylamino)-2-deoxy-b-D-glucopyranoside 3,4,6-triacetate

see Benzyl 2-acetamido-2-deoxy-3,4,6-tri-O-acetyl-b-D-glucopyranoside, MB16617 on page 102

## (R)-Phenylmethyl 2-(acetylamino)-2-deoxy-3-O-(2-methoxy-1-methyl-2-oxoethyl)-6-O-(phenylmethyl)-a-D-glucopyranoside

see Benzyl N-acetyl-6-O-benzyl-a-D-muramic acid methyl ester, MB16624 on page 103

## Phenylmethyl 2-(acetylamino)-2,4-dideoxy-4-fluoro-a-D-glucopyranoside

see Benzyl 2-acetamido-2,4-dideoxy-4-fluoro-a-D-glucopyranose, MB04598 on page 103

## Phenylmethyl 2-amino-2-deoxy-a-D-galactopyranoside

see Benzyl 2-amino-2-deoxy-a-D-galactopyranoside, MB16618 on page 104

## Phenylmethyl 2-azido-2-deoxy-a-D-galactopyranoside

see Benzyl 2-azido-2-deoxy-a-D-galactopyranoside, MB16619 on page 105

## Phenylmethyl 2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-3,6-bis-O-(phenylmethyl)-b-D-glucopyranoside

see Benzyl 2-deoxy-2-phthalimido-3,6-di-O-benzyl-b-D-glucopyranoside, MB16620 on page 107

## Phenylmethyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-b-D-arabinopyranoside

see Benzyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-b-D-arabinopyranoside, MB16615 on page 109

## Phenylmethyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-4-nitrobenzoyl-a-L-xylopyranoside

see Benzyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-4-nitrobenzoyl-a-L-xylopyranoside, MB16613 on page 109

## Phenylmethyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-a-L-xylopyranoside

see Benzyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-a-L-xylopyranoside, MB16614 on page 110

## 4,6-O-(Phenylmethylene)-D-glucopyranose

see 4,6-O-Benzylidene-D-glucopyranose, MB16628 on page 114

## Phenylmethyl b-D-glucopyranosiduronic acid methyl ester triacetate

see Benzyl b-D-glucopyranosiduronic acid methyl ester triacetate, MB16625 on page 112

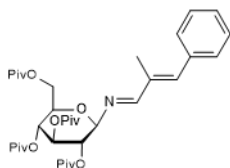
## Phenylmethyl 4-C-(Nitromethyl)-β-D-arabinopyranoside

see Benzyl 4-C-nitromethyl-b-D-arabinopyranoside, MB04506 on page 118

**N-(Phenyl-2-methyl-1-propenyl)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>36</sub>H<sub>53</sub>NO<sub>9</sub> 643.81

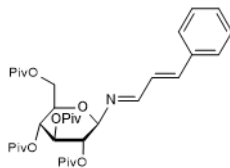
Price On Application

MP08505

**Phenylmethyl b-D-xylopyranoside**see *Benzyl b-D-xylopyranoside*, MB16414 on page 120**Phenyl 4,6-O-(phenylmethylene)-1-thio-α-D-mannopyranoside**see *Phenyl 4,6-O-benzylidene-α-D-thiomannopyranoside*, MP11291 on page 463**Phenyl 4,6-O-[(R)-phenylmethylene]-1-thio-α-D-mannopyranoside**see *Phenyl 4,6-O-benzylidene-α-D-thiomannopyranoside*, MP11291 on page 463**1-[(2E)-3-Phenyl-2-propenoate] b-D-Glucopyranose**see *trans-Cinnamoyl b-D-glucoside*, MC146141 on page 148**N-(Phenyl-1-propenyl)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside**C<sub>35</sub>H<sub>51</sub>NO<sub>9</sub> 629.78

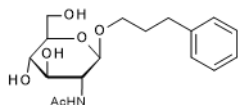
Price On Application

MP08504

**Phenylpropyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[220341-09-3] C<sub>17</sub>H<sub>25</sub>NO<sub>6</sub> 339.38

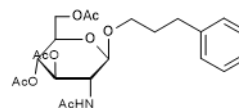
MP01851

10g	\$840.00
25g	\$1470.00
50g	\$2730.00

**Phenylpropyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[220341-05-9] C<sub>23</sub>H<sub>31</sub>NO<sub>9</sub> 465.49

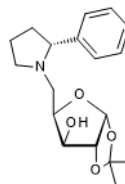
MP01855

10g	\$892.50
25g	\$1575.00
50g	\$2625.00

**5-(R-2-Phenyl-pyrrolidine)-1-yl-5-deoxy-1,2-isopropylidene-α-D-xylofuranose**C<sub>18</sub>H<sub>25</sub>NO<sub>4</sub> 319.4

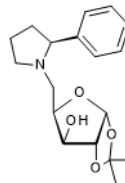
MP08088

50mg	\$210.00
100mg	\$315.00
250mg	\$525.00

**5-(S-2-Phenyl-pyrrolidine)-1-yl-5-deoxy-1,2-isopropylidene-α-D-xylofuranose**C<sub>18</sub>H<sub>25</sub>NO<sub>4</sub> 319.4

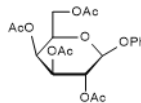
MP08087

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50

**Phenyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside**[2872-72-2] C<sub>20</sub>H<sub>24</sub>O<sub>10</sub> 424.4

MP09563

10g	\$50.00
25g	\$75.00
50g	\$100.00

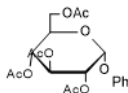


## Phenyltetraa

Phenyl 2,3,4,6-tetra-O-acetyl- $\alpha$ -D-glucopyranoside[3427-45-0] C<sub>20</sub>H<sub>24</sub>O<sub>10</sub> 424.4

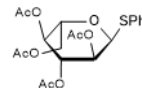
MP04999

250mg	\$90.00
500mg	\$150.00
1g	\$260.00

Phenyl 2,3,4,6-tetra-O-acetyl- $\alpha$ -L-thioglucopyranosideC<sub>20</sub>H<sub>24</sub>O<sub>9</sub>S 440.46

MP06080

1g	\$89.30
2g	\$157.50
5g	\$262.50

Phenyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-glucopyranoside

[4468-72-8]

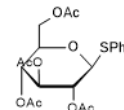
MP16260

1g	\$50.00
2g	\$90.00
5g	\$175.00

Phenyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-thioglucopyranoside[23661-28-1] C<sub>20</sub>H<sub>24</sub>O<sub>9</sub>S 440.47

MP07071

1g	\$65.30
2g	\$90.00
5g	\$150.00



P

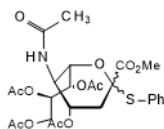
## Phenyl 4,7,8,9-tetra-O-acetyl-2-thio-N-acetyl-D-neuraminic acid methyl ester

- N-Acetyl-2-phenylthioneuraminic acid, methyl ester, 4,7,8,9-tetraacetate
- Per-O-acetyl-thiophenyl-N-acetylneuraminic acid methyl ester

[155155-64-9] C<sub>26</sub>H<sub>33</sub>NO<sub>12</sub>S 583.61

MP08082

500mg	\$70.00
1g	\$105.00
2g	\$166.00



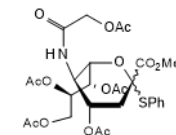
## Phenyl 4,7,8,9-tetra-O-acetyl-2-thio-N-glycolyl-D-neuraminic acid methyl ester

- Per-O-acetyl-thiophenyl-N-glycolylneuraminic acid methyl ester

C<sub>28</sub>H<sub>35</sub>NO<sub>14</sub>S 641.64

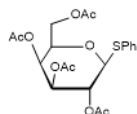
MP08083

Price On Application

Phenyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-thiogalactopyranoside[24404-53-3] C<sub>20</sub>H<sub>24</sub>O<sub>9</sub>S 440.47

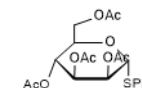
MP07072

1g	\$65.00
2g	\$120.00
5g	\$225.00

Phenyl 2,3,4,6-tetra-O-acetyl- $\alpha$ -D-thiomannopyranoside[13992-16-0][1108032-93-5] C<sub>20</sub>H<sub>24</sub>O<sub>9</sub>S 440.46

MP06075

500mg	\$75.00
1g	\$125.00
2g	\$200.00



## Phenyl 2,3,4,6-tetra-O-benzoyl-b-D-thiogalactopyranoside

[65615-60-3]

MP04293

Price On Application



## Phenyl 2,3,4,6-tetra-O-benzyl-a-D-thiomannopyranoside

[116501-53-2] C<sub>40</sub>H<sub>40</sub>O<sub>5</sub>S 632.81

MP04363

1g	\$500.00
2g	\$780.00
5g	\$1750.00



## Phenyl 2,3,4,6-tetra-O-benzoyl-a-D-thiomannopyranoside

[65236-83-1]

MP46498

1g	\$500.00
2g	\$850.00
5g	\$1375.00



## Phenyl b-L-thiofucofuranoside

C<sub>12</sub>H<sub>16</sub>O<sub>4</sub>S 256.32

MP59542

1g	\$120.00
2g	\$200.00
5g	\$425.00

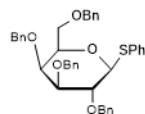


## Phenyl 2,3,4,6-tetra-O-benzyl-b-D-thiogalactopyranoside

[74801-29-9] C<sub>40</sub>H<sub>41</sub>O<sub>5</sub>S 632.82

MP07073

250mg	\$50.00
500mg	\$90.00
1g	\$150.00



Refs: Griffen FK, et.al, Eur. J. Chem, 2002, p1305



## Phenyl a-D-thiogalactopyranoside

C<sub>12</sub>H<sub>16</sub>O<sub>5</sub>S 272.32

MP31667

5g	\$1417.50
10g	\$1837.50



## Phenyl 2,3,4,6-tetra-O-benzyl-a-L-thioglucopyranoside

C<sub>40</sub>H<sub>40</sub>O<sub>5</sub>S 632.81

MP03822

Price On Application

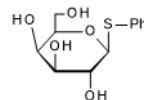


## Phenyl b-D-thiogalactopyranoside

[16758-34-2] C<sub>12</sub>H<sub>16</sub>O<sub>5</sub>S 272.32

MP05112

500mg	\$95.00
1g	\$150.00
2g	\$240.00

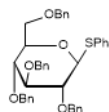


## Phenyl 2,3,4,6-tetra-O-benzyl-b-D-thioglucopyranoside

[38184-10-0] C<sub>40</sub>H<sub>41</sub>O<sub>5</sub>S 632.83

MP07070

1g	\$85.00
2g	\$150.00
5g	\$325.00



## Phenyl a-L-thioglucopyranoside

272.32

MP04342

Price On Application



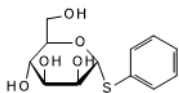
**Phenylthioma****Phenyl 1-thio-a-D-mannopyranoside**see *Phenyl a-D-thiomannopyranoside*, MP05281 on page 472**Phenyl a-D-thiomannopyranoside**

• Phenyl 1-thio-a-D-mannopyranoside

[77481-62-0][5624-48-6] C<sub>12</sub>H<sub>16</sub>O<sub>5</sub>S 272.32

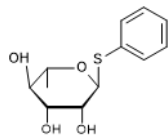
MP05281

5g	\$85.00
10g	\$150.00
25g	\$275.00

**Phenyl a-L-thiorhamnopyranoside**[131724-82-8] C<sub>12</sub>H<sub>16</sub>O<sub>4</sub>S 256.32

MP04367

50mg	\$89.50
100mg	\$168.00
250mg	\$262.50

**Phenyl 2,4,6-Tri-O-acetyl-3-O-allyl-1-thio-b-D-galactopyranoside**

• Gal[246Ac,3AlI]-b-SPh

C<sub>21</sub>H<sub>26</sub>O<sub>8</sub>S 438.49

MP60577

250mg	\$72.00
500mg	\$125.00
1g	\$217.00

**Phenyl 2,4,6-Tri-O-acetyl-3-O-allyl-1-thio-b-D-glucopyranoside**[197005-22-4] C<sub>21</sub>H<sub>26</sub>O<sub>8</sub>S 438.49

MP60578

50mg	\$39.00
100mg	\$68.00
250mg	\$135.00

**Phenyl 2,4,6-Tri-O-acetyl-3-O-allyl-1-thio-β-D-galactopyranoside**C<sub>21</sub>H<sub>26</sub>O<sub>8</sub>S 438.49

MP76008

250mg	\$87.50
500mg	\$150.00
1g	\$260.40

**Phenyl 2,3,4-tri-O-acetyl-6-O-benzyl-b-D-thiogalactopyranoside**

[139608-36-9]

MP137364

Price On Application

**Phenyl 2,4,6-tri-O-acetyl-3-O-benzyl-b-D-thioglucoopyranoside**

[158198-55-1]

MP46591

1g	\$195.00
2g	\$340.00
5g	\$575.00

**Phenyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside**[120498-97-7] C<sub>26</sub>H<sub>25</sub>NO<sub>10</sub> 511.48

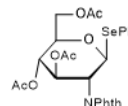
MP12488

250mg	\$85.00
500mg	\$150.00
1g	\$265.00

**Phenyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-selenoglucoopyranoside**C<sub>26</sub>H<sub>25</sub>NO<sub>9</sub>Se 574.44

MP10999

100mg	\$63.00
250mg	\$105.00
500mg	\$160.00





## Phenyl-3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-thioglucopyranoside

[79528-49-7]

MP04185

Price On Application

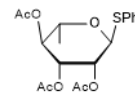


## Phenyl 2,3,4-tri-O-acetyl-a-L-thiorhamnopyranoside

[108740-74-5] C<sub>18</sub>H<sub>22</sub>O<sub>7</sub>S 382.43

MP04368

100mg	\$90.00
250mg	\$172.50
500mg	\$265.00



## Phenyl 3,4,6-Tri-O-acetyl-2-deoxy-1-thio-2-(2,2,2-trichloroethoxyformamido)-b-D-galactopyranoside

[278784-83-1] C<sub>21</sub>H<sub>24</sub>Cl<sub>3</sub>NO<sub>9</sub>S 572.84

MP60574

250mg	\$54.00
500mg	\$94.00
1g	\$163.00



## Phenyl 2,3,4-tri-O-benzoyl-b-D-thiogalactopyranoside

[139608-11-0]

MP04313

Price On Application



## Phenyl 3,4,6-Tri-O-acetyl-2-deoxy-1-thio-2-(2,2,2-trichloroethoxyformamido)-b-D-glucopyranoside

[187022-49-7] C<sub>21</sub>H<sub>24</sub>Cl<sub>3</sub>NO<sub>9</sub>S 572.84

MP60581

1g	\$80.00
2g	\$120.00
5g	\$265.00



## Phenyl-2,3,5-tri-O-benzoyl-D-thioribofuranoside

MP15818

Price On Application



## Phenyl 2,3,6-Tri-O-acetyl-2-deoxy-2-trichloroacetamido-b-D-thioglucopyranoside

C<sub>20</sub>H<sub>22</sub>Cl<sub>3</sub>NO<sub>8</sub>S 542.81

MP59544

100mg	\$95.00
250mg	\$180.00
500mg	\$300.00

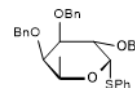


## Phenyl 2,3,4-tri-O-benzyl-b-L-thiofucopyranose

C<sub>33</sub>H<sub>34</sub>O<sub>4</sub>S 526.69

MP10936

1g	\$75.00
2g	\$130.00
5g	\$250.00



## Phenyl 2,3,4-Tri-O-benzyl-1-thio-b-L-fucopyranoside

[167612-35-3] C<sub>33</sub>H<sub>34</sub>O<sub>4</sub>S 526.69

MP60580

100mg	\$47.00
250mg	\$94.00
500mg	\$163.00



## Phenyltriben

## Phenyl 2,3,6-tri-O-benzyl-b-D-thioglucopyranoside

[97974-20-4] C<sub>33</sub>H<sub>34</sub>O<sub>5</sub>S 542.69

MP04356

Price On Application



## Phenyl 2,3,4-tri-O-benzyl-a-L-thiorhamnopyranose

C<sub>33</sub>H<sub>34</sub>O<sub>4</sub>S 526.69

MP35482

1g	\$84.00
2g	\$157.50
5g	\$341.30



P

## Phenyl 2,3,4-tri-O-benzyl-b-L-thiorhamnopyranose

[503065-79-0] C<sub>33</sub>H<sub>34</sub>O<sub>4</sub>S 526.69

MP04370

10g	\$600.00
25g	\$1250.00
50g	\$2000.00

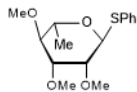


## Phenyl 2,3,4-tri-O-methyl-a-L-thiorhamnopyranoside

C<sub>15</sub>H<sub>22</sub>O<sub>4</sub>S 298.4

MP03422

1g	\$157.50
2g	\$262.50
5g	\$420.00



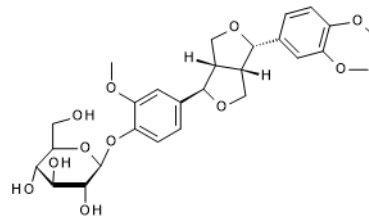
## Phillyrin

- 4-[(1S,3aR,4R,6aR)-4-(3,4-Dimethoxyphenyl)tetrahydro-1H,3H-furo[3,4-c]furan-1-yl]-2-methoxyphenyl b-D-glucopyranoside
- Forsythin

[487-41-2] C<sub>27</sub>H<sub>34</sub>O<sub>11</sub> 534.55

MP08141

50mg	\$71.50
100mg	\$115.00
250mg	\$230.00



Refs: J. Pharm. Soc., 1939, 59, p248



## PhIP-N-b-D-glucuronide

see 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine N-b-D-glucuronide, MA16593 on page 64

## Phloretin 2'-b-D-glucopyranoside

see Phloridzin, MP08132 on page 474

## Phloretin 2'-b-D-glucopyranoside

see Phloridzin hydrate, MP10844 on page 475

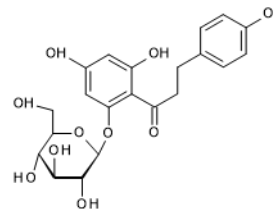
## Phloridzin

- 1-[2-(b-D-Glucopyranosyloxy)-4,6-dihydroxyphenyl]-3-(4-hydroxyphenyl)-1-propanone
- Floridzin
- Phloretin 2'-b-D-glucopyranoside

[60-81-1] C<sub>21</sub>H<sub>24</sub>O<sub>10</sub> 436.41

MP08132

1g	\$125.00
2g	\$190.00
5g	\$350.00



Refs: Nelson JA, Falk RE, Anticancer Res. 13, 6A, p2287-92, 1993; Sbraccia P, D'Adamo M, Tamburrano G et al, Endocrinology 135(6):2708-13, 1994; Shoji T, Kobori M, Tsushida T et al, Biosci Biotechnol BiBiosci Biotechnol Biochem. 61,12, p1963-7, 1994



**Phloridzin dihydrate**[7061-54-3] C<sub>21</sub>H<sub>24</sub>O<sub>10</sub>·2H<sub>2</sub>O 472.44

MP74089

1g	\$85.00
2g	\$130.00
5g	\$225.00

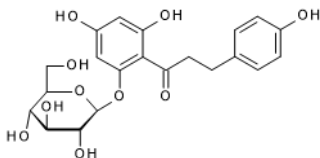
**Phloridzin hydrate**

- 1-[2-(*b*-D-Glucopyranosyloxy)-4,6-dihydroxyphenyl]-3-(4-hydroxyphenyl)-1-propanone
- Phloretin 2'-*b*-D-glucopyranoside

[60-81-1] C<sub>21</sub>H<sub>24</sub>O<sub>10</sub> 436.41

MP10844

1g	\$60.00
2g	\$100.00
5g	\$200.00



Refs: Nelson JA, Falk RE

, Anticancer Res. 13, 6A, p2287-92, 1993; Sbraccia P, D'Adamo M, Tamburrano G et al, Endocrinology 135(6):2708-13, 1994; Shoji T, Kobori M, Tsushida T et al. , Biosci Biotechnol Biochem. 61,12, p1963-7, 1994

**Phosphatidyl 1-(3-deoxy-2-O-methyl-D-myo-inositol)**[701976-54-7] C<sub>28</sub>H<sub>59</sub>O<sub>10</sub>P 598.75

MP59676

1mg	\$300.00
2mg	\$500.00
5mg	\$975.00

**Phosphatidyl 1-(D-2,3-dideoxy-myo-inositol)**[701976-55-8] C<sub>28</sub>H<sub>57</sub>O<sub>9</sub>P 568.72

MP59677

1mg	\$300.00
2mg	\$500.00
5mg	\$975.00

**L-a-Phosphatidyl-(1,2-dipalmitoyl)-D-myo-inositol**[62742-56-7][28366-80-5] C<sub>41</sub>H<sub>79</sub>O<sub>13</sub>P 811.03

MP44580

1mg	\$495.00
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**L-a-Phosphatidylinositol - from Soy bean**

- 1,2-Diacyl-sn-glycero-3-phospho-(1-D-myo-inositol)

[97281-52-2] C<sub>43</sub>H<sub>78</sub>NaO<sub>13</sub>P 857.04

MP32572

10mg	\$275.00
25mg	\$480.00
50mg	\$795.00

**Phosphatidyl inositol - 10mg/ml solution in chloroform:methanol(4:1)**C<sub>47</sub>H<sub>83</sub>O<sub>13</sub>P 887.13

MP65748

10mg	\$60.00
25mg	\$100.00
50mg	\$150.00

**6-Phosphogluconic acid trisodium salt**see *D-Gluconate 6-phosphate trisodium salt dihydrate*, MG10466 on page 286**6-Phospho-D-glucono-1,5-lactone**

- 6-Phosphoglucono-delta-lactone

[2641-81-8] C<sub>6</sub>H<sub>11</sub>O<sub>8</sub>P 242.12

MP146204

Price On Application

**6-Phosphoglucono-delta-lactone**see *6-Phospho-D-glucono-1,5-lactone*, MP146204 on page 475

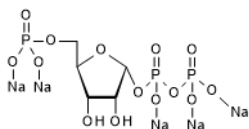
## Phosphoribos

## 5-Phospho-D-ribose 1-diphosphate pentasodium salt

[108321-05-7] C<sub>5</sub>H<sub>8</sub>Na<sub>5</sub>O<sub>14</sub>P<sub>3</sub> 499.98

MP05043

5mg	\$70.00
10mg	\$110.00
25mg	\$220.00



## Phosphoric acid mono-((2R,3R,4S,5R)-2,3,4,5,7-pentahydroxy-6-hydroxyimino-heptyl) ester disodium salt (compound H)

C<sub>7</sub>H<sub>14</sub>O<sub>10</sub>NPNa<sub>2</sub> 349.14

MP28960

Price On Application



## Piceatannol 3'-O-glucoside

[94356-26-0]

MP74551

5mg	\$69.00
10mg	\$120.00
25mg	\$240.00



## trans-Piceid

see *trans-Resveratrol 3-O-b-D-glucuronide*, MR10035 on page 491

## Picein

see *4-Acetylphenyl-b-D-glucopyranoside*, MA04949 on page 40

## Piceside

see *4-Acetylphenyl-b-D-glucopyranoside*, MA04949 on page 40

## Picrocrocin

• (4R)-4-(b-D-Glucopyranosyloxy)-2,6,6-trimethyl-1-cyclohexene-1-carboxaldehyde

[138-55-6] C<sub>16</sub>H<sub>26</sub>O<sub>7</sub> 330.37

MP156887

1mg	\$350.00
2mg	\$590.00
5mg	\$1250.00

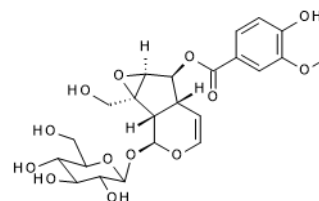


## Picroside 2

[39012-20-9] C<sub>23</sub>H<sub>28</sub>O<sub>13</sub> 512.47

MP10468

10mg	\$68.30
25mg	\$126.00
50mg	\$189.00

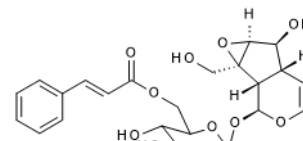


## Picroside I

[27409-30-9] C<sub>24</sub>H<sub>26</sub>O<sub>11</sub> 492.48

MP10467

5mg	\$85.00
10mg	\$130.00
25mg	\$195.00



Refs: Tetrahedron Lett, 1969, p3837



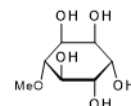
## D-Pinitol

• 3-O-Methyl-D-chiro-inositol

[10284-63-6] C<sub>7</sub>H<sub>14</sub>O<sub>6</sub> 194.18

MP04042

5g	\$60.00
10g	\$100.00
25g	\$150.00



Refs: Mondal, D. N. Barik, B. R. Dey, A. K. Kundu, A. B., J. Indian Chem Soc, 1993, 70, 7, p651; Chem. Ind, 1938, 57, p162



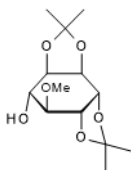
**Pinitol diacetone**

• Di-O-isopropylidene-D-pinitol

[57819-56-4] C<sub>13</sub>H<sub>22</sub>O<sub>6</sub> 274.31

MP10127

250mg	\$80.00
500mg	\$135.00
1g	\$210.00

**(+)-pinoresinol-4-O-beta-D-glucopyranoside**

see (+)-pinoresinol-b-D-glucoside, MP74548 on page 477

**(+)-pinoresinol-b-D-glucoside**

• (+)-pinoresinol-4-O-beta-D-glucopyranoside

[69251-96-3]

MP74548

Price On Application

**(2-Pirydyl) 2,3,4,6-tetra-O-acetyl-1-deoxy-b-D-galacto-1-C-pyranoside**

409.39

MP05167

Price On Application

**(2-Pirydyl) 2,3,4,6-tetra-O-acetyl-1-deoxy-a-D-manno-1-C-pyranoside**

409.39

MP05164

Price On Application

**Pitavastatin 3-O-glucuronide**C<sub>31</sub>H<sub>31</sub>FNO<sub>10</sub> 596.58

MP35494

Price On Application

**Plant indican**

see 3-Indolyl b-D-glucopyranoside trihydrate, M116759 on page 325

**Polyanhydrogalacturonic acid**

see Polygalacturonic acid sodium, MP44369 on page 477

**Polydatin**

see 3,4',5-Trihydroxystilbene-3-b-D-glucopyranoside, MT06138 on page 591

**Poly-D-galacturonic acid methyl ester**

• Pectin

[9000-69-5]

MP03545

250g	\$75.00
500g	\$110.00
1Kg	\$175.00

**Polygalacturonic acid sodium**

• Sodium polypectate

• Polyanhydrogalacturonic acid

[9049-37-0]

MP44369

5g	\$75.00
10g	\$120.00
25g	\$225.00



**Polyphyllin A****Polyphyllin A**

- Trillin
- Collettinside I
- Funkioside A

[14144-06-0] C<sub>33</sub>H<sub>52</sub>O<sub>8</sub> 576.76

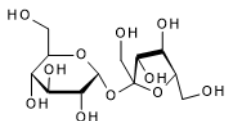
MP42776

25mg	\$50.00
50mg	\$85.00
100mg	\$150.00

**Polysucrose**[25702-74-3] C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> 342.3

MP02333

50ug	\$65.00
100ug	\$100.00
250mg	\$162.50

**Polysucrose 400**

[26873-85-8] 400K

MP10666

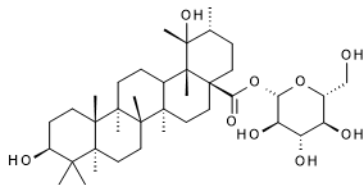
25g	\$50.00
50g	\$85.00
100g	\$150.00

**Pomolic acid 28-O-b-D-glucopyranosyl ester**

[83725-24-0]

MP44394

Price On Application

**Populin**

- 6'-Benzoylsalicin
- Populoside

[99-17-2] C<sub>20</sub>H<sub>22</sub>O<sub>6</sub> 390.38

MP65932

2mg	\$60.00
5mg	\$125.00
10mg	\$200.00

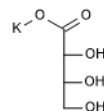
**Populoside**see *Populin*, MP65932 on page 478**Potassium D-erythronate**

- 2,3,4-Trihydroxybutanoic acid potassium salt

[88759-55-1] C<sub>4</sub>H<sub>7</sub>KO<sub>5</sub> 174.19

MP05397

10g	\$60.00
25g	\$125.00
50g	\$200.00

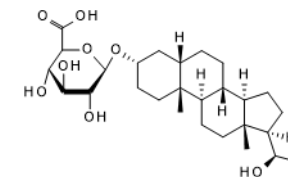
**Potassium gluconate**see *D-Gluconic acid potassium salt*, MG07606 on page 287**5b-Pregnane-3a,20a-diol glucuronide**see *Pregnanediol 3a-O-b-D-glucuronide*, MP16836 on page 478**Pregnanediol 3a-O-b-D-glucuronide**

- (3a,5b,20S)-20-Hydroxypregnan-3-yl b-D-glucopyranosiduronic acid
- 20a-Hydroxy-5b-pregnan-3a-yl b-D-glucopyranosiduronic acid
- 5b-Pregnane-3a,20a-diol glucuronide

[1852-49-9] C<sub>27</sub>H<sub>44</sub>O<sub>8</sub> 496.63

MP16836

1mg	\$120.00
2mg	\$180.00
5mg	\$360.00

Refs: Yang, C.J. et al, *Asian-Austral. J. Anim. Sci.*, 17, 460 (2004); Miro, F. et al, *Clin. Chem. Lab. Med.*, 42, 1043 (2004)

**Pregnanediol 3a-O-b-D-glucuronide BSA conjugate**

MP76533

Price On Application

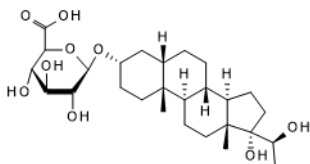
**Pregnanetriol 3a-O-b-D-glucuronide**

- (3a,5b,20S)-17,20-Dihydroxypregnan-3-yl b-D-glucopyranosiduronic acid
- 17,20a-Dihydroxy-5b-pregnan-3a-yl, b-D-glucopyranosiduronic acid

[74915-85-8] C<sub>27</sub>H<sub>44</sub>O<sub>9</sub> 512.63

MP16837

2mg	\$174.90
5mg	\$318.00
10mg	\$578.20



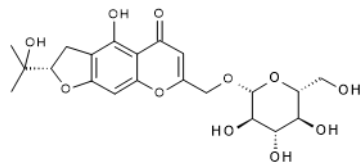
Refs: Saisho, S. et al, Screening, 4, 193 (1996); Bedolla-Tovar, N. et al, J. Steroid Biochem, 24, 921 (1986)

**prim-O-glucosylangelicin**

[85889-15-2]

MP44377

Price On Application

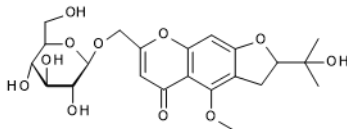
**Prim-O-glucosylcimifugin**

- 7-[(b-D-Glucopyranosyloxy)methyl]-2,3-dihydro-2-(1-hydroxy-1-methylethyl)-4-methoxy-,(2S)-5H-furo[3,2-g][1]benzopyran-5-one
- Cimifugin b-D-glucopyranoside

[80681-45-4] C<sub>22</sub>H<sub>28</sub>O<sub>11</sub> 468.45

MP08135

25mg	\$75.00
50mg	\$130.00
100mg	\$220.00



Refs: Chem. Pharm. Bull, 1981, 29, p2565

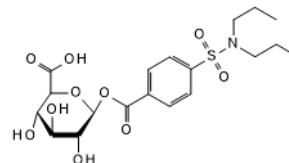
**Primulin**see *Malvidin-3-galactoside chloride*, MM65371 on page 354**Probenecid acyl b-D-glucuronide**

- 1-[4-[(Dipropylamino)sulfonyl]benzoate]

[34017-15-7] C<sub>19</sub>H<sub>27</sub>NO<sub>10</sub>S 461.48

MP16838

1mg	\$272.60
2mg	\$495.50
5mg	\$900.90



Refs: Blanckaert, N, et al, Biochem. J, 171, 203 (1978)

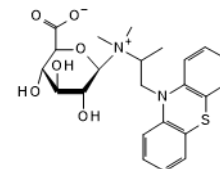
**Promethazine N-b-D-glucuronide**

- N-b-D-Glucopyranuronosyl-N,N,a-trimethyl-10H-phenothiazine-10-ethanaminium inner salt
- Promethazine N-glucuronide

[137908-81-7] C<sub>23</sub>H<sub>28</sub>N<sub>2</sub>O<sub>6</sub>S 460.54

MP16839

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10



Refs: Luo, H, et al, Xenobiotica, 21, 1281 (1991)

**Promethazine N-glucuronide**see *Promethazine N-b-D-glucuronide*, MP16839 on page 479**N-Propanoyl mannosamine**

- 2-Deoxy-2-[(1-oxopropyl)amino]-D-mannose

[79624-37-6] C<sub>9</sub>H<sub>17</sub>NO<sub>6</sub> 235.23

MP16289

250mg	\$125.00
500mg	\$195.00
1g	\$350.00

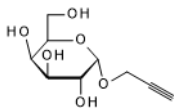


## Propargylgal

Propargyl  $\alpha$ -D-galactopyranoside[913074-13-2] C<sub>9</sub>H<sub>14</sub>O<sub>6</sub> 218.21

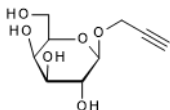
MP09655

10mg	\$75.00
25mg	\$135.00
50mg	\$225.00

Propargyl  $\beta$ -D-galactopyranosideC<sub>9</sub>H<sub>14</sub>O<sub>6</sub> 218.2

MP15279

1g	\$1470.00
2g	\$1890.00
5g	\$2446.50

Propargyl  $\alpha$ -D-glucopyranosideC<sub>9</sub>H<sub>14</sub>O<sub>6</sub> 218.2

MP31404

50mg	\$85.00
100mg	\$150.00
250mg	\$250.00

Propargyl  $\alpha$ -D-mannopyranoside[854262-01-4] C<sub>9</sub>H<sub>14</sub>O<sub>6</sub> 218.2

MP31403

25mg	\$87.50
50mg	\$150.00
100mg	\$275.00



## 1-O-Propargyl 2,3,4,6-tetra-O-acetyl-D-fructofuranose

MP157232

250mg	\$2125.00
500mg	\$3000.00
1g	\$4250.00

Propargyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-galactopyranoside

MP15280

Price On Application



## 1-O-Propargyl 3,4,6-tri-O-acetyl-D-fructofuranose

MP158535

250mg \$2375.00

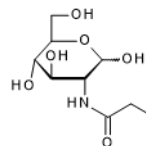
(9-Propargyl-3,6,9-trioxadodecyl) 2-acetamido-2-deoxy- $\alpha$ -D-galactopyranosidesee *N*-Acetyl- $\alpha$ -D-galactosamine-PEG3-alkyne, MA44922 on page 34

## N-Propionyl-D-glucosamine

[15475-14-6] C<sub>9</sub>H<sub>17</sub>NO<sub>6</sub> 235.23

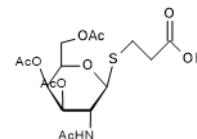
MP07030

250mg	\$80.00
500mg	\$135.00
1g	\$210.00

Propionyl 3,4,6-tri-O-acetyl-2-acetamido-2-deoxy- $\beta$ -D-thiogalactopyranosideC<sub>17</sub>H<sub>25</sub>NO<sub>10</sub>S 435.45

MP07300

25mg	\$89.50
50mg	\$168.00
100mg	\$263.00



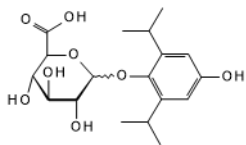
P



**Propofol-b-D-glucuronide**[114991-26-3] C<sub>18</sub>H<sub>26</sub>O<sub>7</sub> 354.39

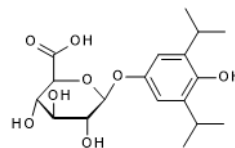
MP07301

1mg	\$105.00
2mg	\$156.00
5mg	\$300.00

**Propofol-4-Hydroxy-4-D-glucuronide**C<sub>18</sub>H<sub>26</sub>O<sub>8</sub> 370.39

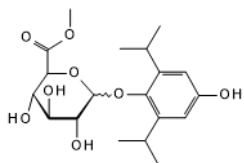
MP09954

Price On Application

**Propofol-D-glucuronide methyl ester**C<sub>19</sub>H<sub>28</sub>O<sub>7</sub> 368.42

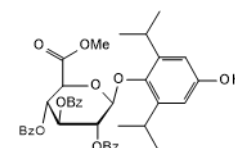
MP07302

1mg	\$89.30
2mg	\$157.50
5mg	\$262.50

**Propofol 2,3,4-tri-O-benzoyl-b-D-glucuronide methyl ester**C<sub>40</sub>H<sub>40</sub>O<sub>10</sub> 680.74

MP07349

1mg	\$89.30
2mg	\$168.00
5mg	\$262.50

**Propofol b-D-glucuronide sodium salt**C<sub>18</sub>H<sub>25</sub>NaO<sub>7</sub> 376.38

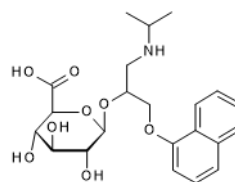
MP46357

Price On Application

**Propranolol-2-O-b-D-glucuronide**[66322-66-5] C<sub>22</sub>H<sub>29</sub>NO<sub>8</sub> 435.47

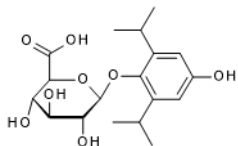
MP09955

1mg	\$210.00
2mg	\$378.00
5mg	\$840.00

**Propofol-4-Hydroxy-1-D-glucuronide**C<sub>18</sub>H<sub>26</sub>O<sub>8</sub> 370.39

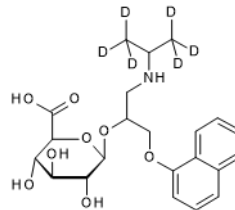
MP09953

Price On Application

**Propranolol D-glucuronide D6**C<sub>22</sub>H<sub>23</sub>NO<sub>8</sub>D<sub>6</sub> 441.5

MP09956

Price On Application



**Propranolol****(R)-Propranolol glucuronide**C<sub>22</sub>H<sub>29</sub>NO<sub>8</sub> 435.47

MP35493

5mg	\$1750.00
10mg	\$2900.00
25mg	\$5500.00

**(S)-Propranolol glucuronide**C<sub>22</sub>H<sub>29</sub>NO<sub>8</sub> 435.47

MP35495

1mg	\$550.00
2mg	\$940.00
5mg	\$1750.00

**(-)-Propranolol glucuronide sodium**

see (S)-Propranolol b-D-glucuronide sodium salt, MP16841 on page 482

**(R)-Propranolol glucuronide sodium**

see (R)-Propranolol b-D-glucuronide sodium salt, MP16840 on page 482

**(S)-Propranolol glucuronide sodium**

see (S)-Propranolol b-D-glucuronide sodium salt, MP16841 on page 482

**(+)-Propranolol glucuronide sodium**

see (R)-Propranolol b-D-glucuronide sodium salt, MP16840 on page 482

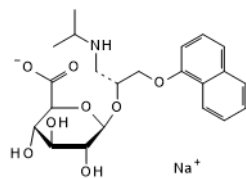
**(R)-Propranolol b-D-glucuronide sodium salt**

- (R)-1-[[[(1-Methylethyl)amino]methyl]-2-(1-naphthalenyloxy)ethyl] b-D-glucopyranosiduronic acid monosodium salt
- (+)-Propranolol glucuronide sodium
- (R)-Propranolol glucuronide sodium

[87102-70-3] C<sub>22</sub>H<sub>28</sub>NNaO<sub>8</sub> 457.45

MP16840

1mg	\$408.80
2mg	\$743.30
5mg	\$1351.40



Refs: Reeves, P, et al, Xenobiotica, 8, 313 (1978); Balon, K, et al, Pharm. Res, 16, 882 (1999); Lange, R, et al, Toxicol. Lett, 131, 97 (2002)

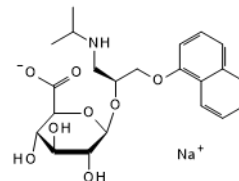
**(S)-Propranolol b-D-glucuronide sodium salt**

- (S)-1-[[[(1-Methylethyl)amino]methyl]-2-(1-naphthalenyloxy)ethyl] b-D-glucopyranosiduronic acid monosodium salt
- (-)-Propranolol glucuronide sodium
- (S)-Propranolol glucuronide sodium

[87144-73-8] C<sub>22</sub>H<sub>28</sub>NNaO<sub>8</sub> 457.45

MP16841

1mg	\$408.80
2mg	\$743.30
5mg	\$1351.40

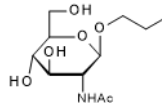


Refs: Reeves, P, et al, Xenobiotica, 8, 313 (1978); Balon, K, et al, Pharm. Res, 16, 882 (1999); Lange, R, et al, Toxicol. Lett, 131, 97 (2002)

**Propyl 2-acetamido-2-deoxy-b-D-glucopyranoside**[70832-36-9] C<sub>11</sub>H<sub>21</sub>NO<sub>6</sub> 263.3

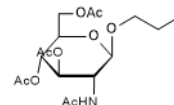
MP02372

25mg	\$62.50
50mg	\$100.00
100mg	\$160.00

**Propyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside**[98346-06-6] C<sub>17</sub>H<sub>27</sub>NO<sub>9</sub> 389.4

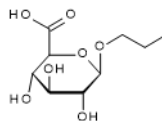
MP06609

10g	\$420.00
25g	\$840.00
50g	\$1522.50

**Propyl b-D-glucuronide**[17685-07-3] C<sub>9</sub>H<sub>16</sub>O<sub>7</sub> 236.22

MP10158

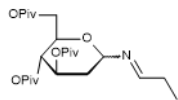
1mg	\$89.30
2mg	\$157.50
5mg	\$262.50



**N-(Propylidenimino)-2-deoxy-3,4,6-tri-O-pivaloyl-D-glucopyranoside**C<sub>24</sub>H<sub>41</sub>NO<sub>7</sub> 455.58

MP08507

Price On Application

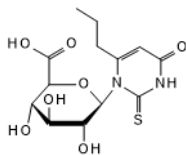
**1-(2-Propylpentanoate) b-D-glucopyranuronic acid**see *Valproic acid b-D-glucuronide*, MV16889 on page 600**Propylthiouracil N-b-D-glucuronide**

• 1-Deoxy-1-(3,4-dihydro-4-oxo-6-propyl-2-thioxo-1(2H)-pyrimidinyl)- b-D-glucopyranuronic acid

[33987-24-5] C<sub>13</sub>H<sub>18</sub>N<sub>2</sub>O<sub>7</sub>S 346.36

MP16842

1mg	\$272.60
2mg	\$495.50
5mg	\$900.90

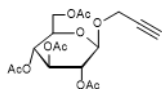


Refs: Lindsay, R. H, et al, J. Pharm. Sci. 63 1383 (1974) Taurog, A, et al.: Endocrinology, 122, 592 (1988)

**1-O-(2-(2-(2-Prop-2-ynyloxy)ethoxy)ethoxy)ethoxy)-2-acetamido-2-deoxy-alpha-D-galactopyranoside**see *N-Acetyl-a-D-galactosamine-PEG3-alkyne*, MA44922 on page 34**2-Propynyl-2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside**[34272-02-1] C<sub>17</sub>H<sub>22</sub>O<sub>10</sub> 386.35

MP05001

1g	\$65.00
2g	\$120.00
5g	\$245.00

**Proscillaridin A**• Scillarenin 3b-rhamnoside  
• 3-(6-Deoxy-a-L-mannopyranosyloxy)-14-hydroxybuta-4,20,22-trienolide[466-06-8] C<sub>30</sub>H<sub>42</sub>O<sub>8</sub> 530.65

MP45299

1mg	\$95.00
2mg	\$150.00
5mg	\$265.00

**Pseudaminic acid**

• 5,7-Bis(acetylamino)-3,5,7,9-tetra-deoxy-L-glycero-alpha-L-manno-2-nonulopyranosonic acid

C<sub>13</sub>H<sub>22</sub>N<sub>2</sub>O<sub>8</sub> 334.32

MP07650

1mg	\$2500.00
2mg	\$4600.00

**Pseudoginsenoside Rh2**• (3b,12b,20E)-12,25-Dihydroxydammar-20(22)-en-3-yl b-D-glucopyranoside  
• Ginsenoside Rh10[1370264-16-6] C<sub>36</sub>H<sub>62</sub>O<sub>8</sub> 622.87

OP63248

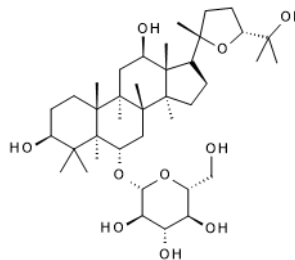
Price On Application

**Pseudoginsenoside RT5**

[98474-78-3]

MP44372

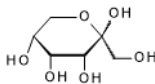
5mg	\$130.00
10mg	\$200.00
25mg	\$450.00



**Psicose****D-Psicose**[551-68-8] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MP03557

1g	\$69.00
2g	\$110.00
5g	\$200.00

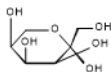


Refs: Watkin DJ, Glawar AFG, Soengas R, Izumori K, Wormald MR, Dwek RA, Fleet GWJ, Acta Crystallogr. 2005, E61, 02949-02951

**L-Psicose**[16354-64-6] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MP07129

10mg	\$60.00
50mg	\$250.00
100mg	\$400.00

**Psicose diacetone**

• 2,3:4,5-Di-O-isopropylidene-α-D-psicopyranose

[205582-81-6]

MP02639

Price On Application

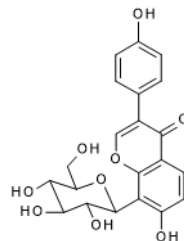
**Psychosine**see *b-D-Galactosylsphingosine - Synthetic*, MG44866 on page 278**Puerarin**

• 8-b-D-Glucopyranosyl-7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one

[3681-99-0] C<sub>21</sub>H<sub>20</sub>O<sub>9</sub> 416.38

MP08125

2g	\$44.00
5g	\$89.50
10g	\$150.00



Refs: YakugakuZasshi 1959, 79, p757

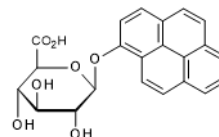
**PUGLU**see *O-(D-Glucopyranosylidene)amino N-phenylcarbamate*, MG07449 on page 291**1-Pyren-2,3,4,5,6,7,8,9,10-d9-ol**see *1-Hydroxypyrene-d9*, MH16756 on page 321**1-Pyrenol-d9**see *1-Hydroxypyrene-d9*, MH16756 on page 321**1-Pyrenyl b-D-glucuronide**

• 1-Hydroxypyrene-b-D-glucuronide

[154717-05-2] C<sub>22</sub>H<sub>18</sub>O<sub>7</sub> 394.37

MP05326

1mg	\$97.50
2mg	\$145.00
5mg	\$225.00

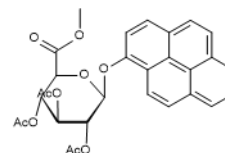


Refs: Lamotte M, Belfutni R, Fournier de Violet P, et al, Anal. Bioanal. Chem. 2002, Vol376, No6, p816-821; Jongeneelen FJ, et al, Arch. Occup. Environ. Health, 1985, 57, p47

**1-Pyrenyl-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester**C<sub>29</sub>H<sub>26</sub>O<sub>10</sub> 534.51

MP07303

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50



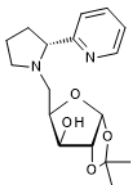
Refs: Jongeneelen FJ, et al, Int. Arch. Occup. Environ. Health, 1985, 57, p47



**5-(R-2-Pyridin-3-yl-pyrrolidine)-1-yl-5-deoxy-1,2-isopropylidene-a-D-xylofuranose**C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub> 320.39

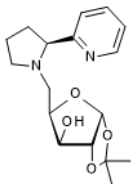
MP08089

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50

**5-(S-2-Pyridin-3-yl-pyrrolidine)-1-yl-5-deoxy-1,2-isopropylidene-a-D-xylofuranose**C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub> 320.39

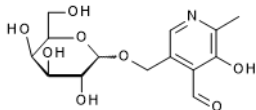
MP08090

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50

**Pyridoxal galactoside**C<sub>14</sub>H<sub>19</sub>O<sub>5</sub>N 329.31

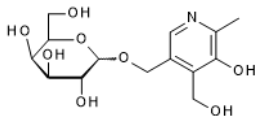
MP04427

1mg	\$89.30
2mg	\$168.00
5mg	\$336.00

**Pyridoxine galactoside**C<sub>14</sub>H<sub>21</sub>NO<sub>5</sub> 331.3

MP01960

5mg	\$89.30
10mg	\$168.00
25mg	\$367.50

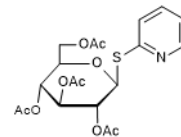


Refs: Suzuki Y, Uchida K, Biochim Biophys Acta. 1992, 1116, p67

**Pyridyl-N-b-D-glucopyranuronosyl-N'-Nitrosonornicotine**see *N'-Nitrosonornicotine-N-b-D-glucuronide - Mixture Of Diastereomers, MN07305 on page 441***2-Pyridyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucopyranoside**[105120-89-6] C<sub>19</sub>H<sub>23</sub>NO<sub>9</sub>S 441.45

MP06184

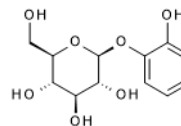
250mg	\$157.50
500mg	\$265.00
1g	\$367.50

**Pyrocatechol monoglucoside**

[2400-71-7]

MP44403

Price On Application

**Pyrogallol a-D-glucopyranoside**C<sub>12</sub>H<sub>16</sub>O<sub>8</sub> 288.25

MP57641

50mg \$200.00

**QC**

MQ07651

Price On Application

**Quercetin-3-O-a-L-arabinoside**[22255-13-6] C<sub>20</sub>H<sub>18</sub>O<sub>11</sub> 434.35

MQ74554

5mg	\$92.00
10mg	\$160.00
25mg	\$320.00



## Quercetingal

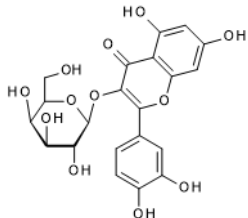
## Quercetin 3-b-D-galactoside

- Hyperoside
- 2-(3,4-Dihydroxyphenyl)-3-(b-D-galactopyranosyloxy)-5,7-dihydroxy-4H-1-benzopyran-4-one
- Hyperin

[482-36-0] C<sub>21</sub>H<sub>20</sub>O<sub>12</sub> 464.38

MQ08114

25mg	\$60.00
50mg	\$95.00
100mg	\$170.00



Refs: Naturweiss, 1964, 51, p462; Beilstein Registry Number 5784795

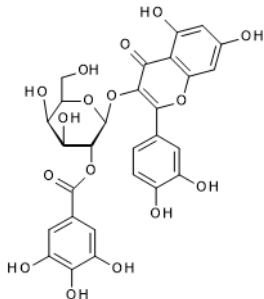
## Quercetin 3-b-galactoside-2'-O-gallate

- 2"-O-Galloyl-hyperin
- 2-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-3-[(2-O-(3,4,5-trihydroxybenzoyl)-b-D-galactopyranosyl)oxy]-4H-1-benzopyran-4-one

[53209-27-1] C<sub>28</sub>H<sub>24</sub>O<sub>16</sub> 616.48

MQ08115

10mg	\$95.00
25mg	\$175.00
50mg	\$250.00



Refs: Tetrahydron Lett, 1974, 7, p559

## Quercetin-7-O-b-D-glucopyranoside

- Quercimeritrin
- Quercetin-7-O-glucoside

[491-50-9] C<sub>21</sub>H<sub>20</sub>O<sub>12</sub> 464.38

MQ74569

5mg	\$150.00
10mg	\$240.00
25mg	\$425.00



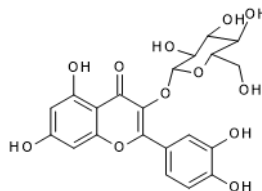
## Quercetin 3-b-D-glucopyranoside

- Isoquercitrin
- Quercetin 3-b-D-glucoside

[21637-25-2][482-35-9] C<sub>21</sub>H<sub>20</sub>O<sub>12</sub> 464.38

MQ09326

50mg	\$85.00
100mg	\$150.00
250mg	\$250.00



## Quercetin-3-O-b-D-glucose-7-O-b-D-gentiobiosiden

[60778-02-1] C<sub>33</sub>H<sub>40</sub>O<sub>22</sub> 788.66

MQ74547

10mg	\$85.00
25mg	\$160.00
50mg	\$272.00



## Quercetin-3-glucoside

[21637-25-2] C<sub>21</sub>H<sub>20</sub>O<sub>12</sub> 464.38

MQ65142

10mg	\$52.00
25mg	\$120.00
50mg	\$230.00



## Quercetin-7-O-glucoside

see *Quercetin-7-O-b-D-glucopyranoside*, MQ74569 on page 486

## Quercetin 3-b-D-glucoside

see *Quercetin 3-b-D-glucopyranoside*, MQ09326 on page 486

**Quercetin 3-O-glucoside-7-O-rhamnoside**

• Quercetin 3-Glucoside 7-Rhamnoside

[18016-58-5] C<sub>27</sub>H<sub>30</sub>O<sub>16</sub> 610.52

MQ74572

1mg	\$150.00
2mg	\$250.00
5mg	\$500.00

**Quercetin 3-O-xyloside**[549-32-6] C<sub>20</sub>H<sub>18</sub>O<sub>11</sub> 434.35

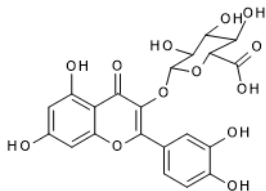
MQ45358

1mg	\$200.00
2mg	\$250.00
5mg	\$475.00

**Quercetin 3-O-b-D-glucuronide**• Miquelianin  
• 3,3',4',5',7-Pentahydroxyflavone 3-glucuronide[22688-79-5] C<sub>21</sub>H<sub>18</sub>O<sub>13</sub> 478.37

MQ09305

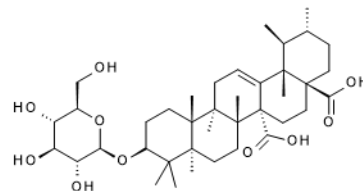
1mg	\$99.80
2mg	\$178.50
5mg	\$315.00

**Quercetin 3-Glucoside 7-Rhamnoside**see *Quercetin 3-O-glucoside-7-O-rhamnoside, MQ74572* on page 487**Quercimeritrin**see *Quercetin-7-O-b-D-glucopyranoside, MQ74569* on page 486**Quercitrin**see *Quercetin 3-a-L-rhamnoside, MQ08116* on page 487**Quinovic acid 3-O-b-D-glucoside**

[79955-41-2]

MQ44371

Price On Application

**Quercetin 7-O-b-D-glucuronide**[38934-20-2] C<sub>21</sub>H<sub>18</sub>O<sub>13</sub> 478.36

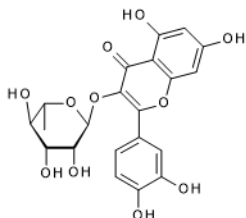
MQ106505

Price On Application

**Quercetin 3-a-L-rhamnoside**• Quercitrin  
• 3-[-(6-Deoxy-a-L-mannopyranosyl)oxy]-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-4H-1-benzopyran-4-one[522-12-3] C<sub>21</sub>H<sub>20</sub>O<sub>11</sub> 448.38

MQ08116

25mg	\$85.00
50mg	\$150.00
100mg	\$250.00



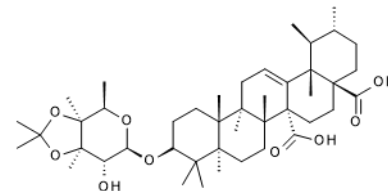
Refs: Chem. Ber, 1949, 82, p481

**Quinovic acid 3-O-(3',4'-O-isopropylidene)-b-D-fucopyranoside**

[182132-59-8]

MQ44393

Price On Application

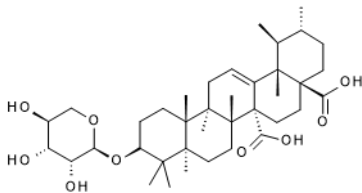


**Quinovicacid****Quinovic acid 3-O-a-L-rhamnopyranoside**

[104055-76-7]

MQ44392

Price On Application

**D-Quinosamine hydrochloride**

• 2-Amino-2,6-dideoxy-D-glucopyranose

[6018-53-7][6189-58-8] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>·HCl 199.63

MQ31639

1mg	\$65.00
2mg	\$100.00
5mg	\$175.00

**Quinovose**

see 6-Deoxy-D-glucose, MD04994 on page 175

**RAG**

see E-Retinoyl b-glucuronide, MR04801 on page 492

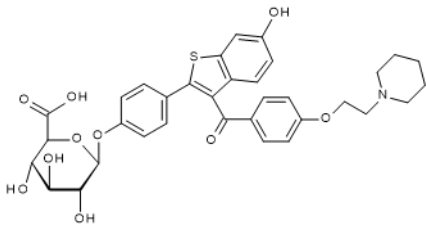
**Raloxifene 4'-D-glucuronide**

• 4-[6-Hydroxy-3-[4-2[(1-piperidiny)ethoxy]benzoyl]benzo[b]thien-2-yl]phenyl-b-D-glucopyranosiduronic acid

[182507-22-8] C<sub>34</sub>H<sub>35</sub>NO<sub>10</sub>S 649.71

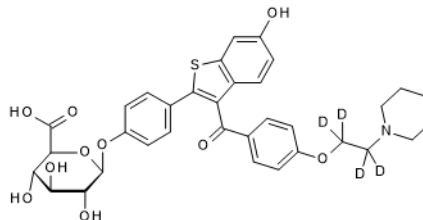
MR07277

500ug	\$240.00
1mg	\$385.00
2mg	\$700.00

**Raloxifene 4'-D-glucuronide D4**C<sub>34</sub>H<sub>31</sub>NO<sub>10</sub>SD<sub>4</sub> 653.73

MR09924

1mg	\$315.00
2mg	\$609.00
5mg	\$1155.00

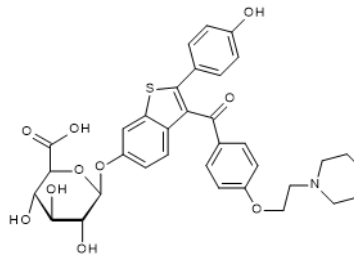
**Raloxifene 6-D-glucuronide**

• 2-(4-Hydroxyphenyl)-3-[4-2[(1-piperidiny)ethoxy]benzoyl]benzo[b]thien-6-yl]-b-D-glucopyranosiduronic acid

[174264-50-7] C<sub>34</sub>H<sub>35</sub>NO<sub>10</sub>S 649.71

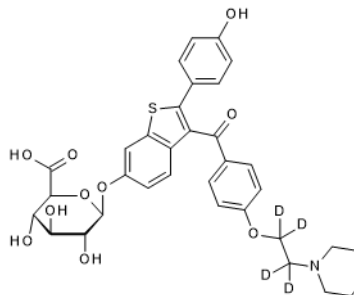
MR07278

1mg	\$265.00
2mg	\$420.00
5mg	\$945.00

**Raloxifene 6-D-glucuronide D4**C<sub>34</sub>H<sub>31</sub>NO<sub>10</sub>SD<sub>4</sub> 653.73

MR09925

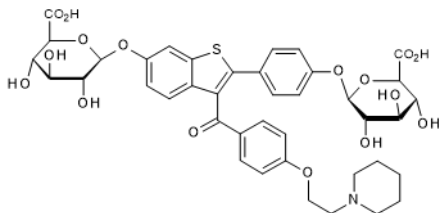
1mg	\$472.50
2mg	\$735.00
5mg	\$1312.50





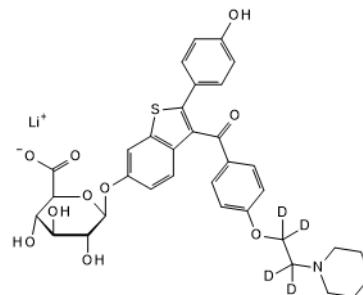
**Raloxifene 6,4'-bis-b-D-glucuronide**[182507-20-6] C<sub>40</sub>H<sub>43</sub>NO<sub>16</sub>S 825.85

MR09517

1mg \$595.00  
2mg \$1150.00  
5mg \$2050.00**Raloxifene-6-D-glucuronide D4 lithium salt**C<sub>34</sub>H<sub>30</sub>NO<sub>10</sub>SD<sub>4</sub>-Li 659.66

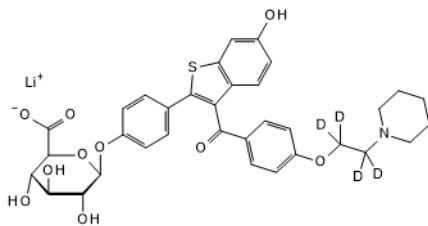
MR09929

Price On Application

**Raloxifene-4'-D-glucuronide D4 lithium salt**C<sub>34</sub>H<sub>30</sub>NO<sub>10</sub>SD<sub>4</sub>-Li 659.66

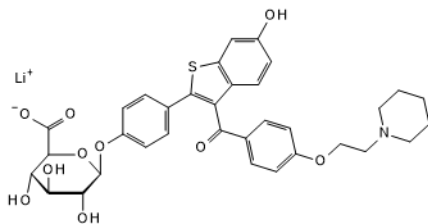
MR09928

Price On Application

**Raloxifene-4'-D-glucuronide lithium salt**[182507-22-8] C<sub>34</sub>H<sub>34</sub>NO<sub>10</sub>S-Li 655.64

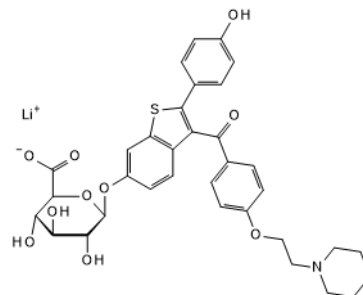
MR09926

Price On Application

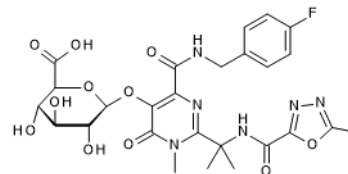
**Raloxifene-6-D-glucuronide lithium salt**[174264-50-7] C<sub>34</sub>H<sub>34</sub>NO<sub>10</sub>S-Li 655.64

MR09927

Price On Application

**Raltegravir b-D-glucuronide**[952654-62-5] C<sub>26</sub>H<sub>29</sub>FN<sub>6</sub>O<sub>11</sub> 620.54

MR09516

1mg \$309.80  
2mg \$588.00  
5mg \$1312.50

**Raltegravir****Raltegravir b-D-glucuronide methyl ester**

• 4-[[[(4-Fluorophenyl)methyl]amino]carbonyl]-1,6-dihydro-1-methyl-2-[1-methyl-1-[[[(5-methyl-1,3,4-oxadiazol-2-yl)carbonyl]amino]ethyl]-6-oxopyrimidin-5-yl] ?-D-Glucopyranosiduronic Acid Methyl Ester

C<sub>27</sub>H<sub>31</sub>FN<sub>6</sub>O<sub>11</sub> 634.57

MR29156

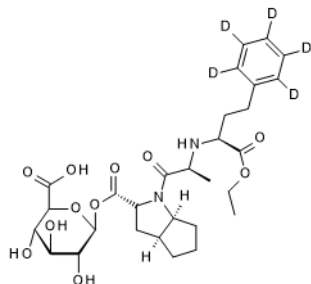
1mg \$288.80  
2mg \$546.00  
5mg \$1233.80

**Ramipril-D5 acyl-b-D-glucuronide**

C<sub>29</sub>H<sub>35</sub>D<sub>5</sub>N<sub>2</sub>O<sub>11</sub> 597.66

MR07281

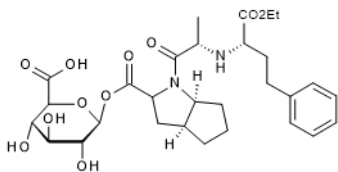
1mg \$2625.00  
2mg \$5250.00

**Ramipril acyl-b-D-glucuronide**

[1357570-21-8] C<sub>29</sub>H<sub>40</sub>N<sub>2</sub>O<sub>11</sub> 592.63

MR09515

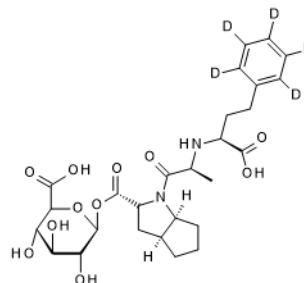
1mg \$367.50  
2mg \$693.00  
5mg \$1260.00

**Ramiprilat-D5 acyl-b-D-glucuronide**

C<sub>27</sub>H<sub>31</sub>D<sub>5</sub>N<sub>2</sub>O<sub>11</sub> 569.61

MR07282

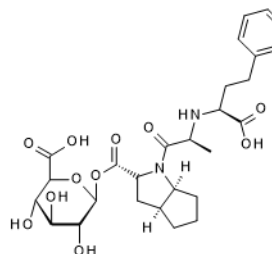
1mg \$2940.00  
2mg \$5250.00  
5mg \$10500.00

**Ramiprilat acyl-b-D-glucuronide**

C<sub>27</sub>H<sub>36</sub>N<sub>2</sub>O<sub>11</sub> 564.59

MR07280

1mg \$1470.00  
2mg \$2520.00  
5mg \$5775.00

**Raspberry ketone glucoside**

• (4-Hydroxyphenyl)-2-butanone beta-D-glucoside  
• 4-[4-(b-D-Glucopyranosyloxy)phenyl]-2-butanone

[38963-94-9] C<sub>16</sub>H<sub>22</sub>O<sub>7</sub> 326.34

MR15464

25g \$52.50  
50g \$94.50  
100g \$158.00



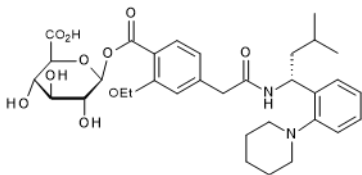
**Relenza; GG 167; 2,3-Didehydro-2,4-dideoxy-4-guanidine-N-acetyl-acetyl-D-neuraminic acid**

see *Zanamivir hydrate, MZ04270* on page 605

**Repaglinide acyl-D-glucuronide**[1309112-13-7] C<sub>33</sub>H<sub>44</sub>N<sub>2</sub>O<sub>10</sub> 628.71

MR09936

1mg	\$195.00
2mg	\$350.00
5mg	\$675.00

**Resveratrol 4'-O-(6''-galloyl)glucoside**

- 4-[(1E)-2-(3,5-Dihydroxyphenyl)ethenyl]phenyl-β-D-glucopyranoside 6-(3,4,5-Trihydroxybenzoate)
- (E)-4-[2-(3,5-dihydroxyphenyl)ethenyl]phenyl-β-D-Glucopyranoside, 6-(3,4,5-trihydroxybenzoate)

[64898-03-9] C<sub>27</sub>H<sub>26</sub>O<sub>12</sub> 542.49

MR106407

5mg	\$1750.00
10mg	\$2500.00
25mg	\$3250.00

**Resveratrol 3-O-b-D-glucopyranoside**

see 3,4',5-Trihydroxystilbene-3-b-D-glucopyranoside, MT06138 on page 591

**trans-Resveratrol 4'-O-b-D-glucopyranoside**

- Resveratrolside
- 4-[(1E)-2-(3,5-Dihydroxyphenyl)ethenyl]phenyl b-D-glucopyranoside

[38963-95-0] C<sub>20</sub>H<sub>20</sub>O<sub>9</sub> 404.37

MR10469

5mg	\$1125.00
10mg	\$1625.00
25mg	\$2750.00

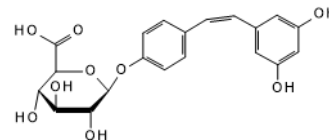
**cis-Resveratrol 4'-O-b-D-glucuronide**

- 4-[(1Z)-2-(3,5-Dihydroxyphenyl)ethenyl]phenyl

[387372-26-1] C<sub>20</sub>H<sub>20</sub>O<sub>9</sub> 404.37

MR16848

1mg	\$408.80
2mg	\$743.30
5mg	\$1351.40



Refs: Schroder, H, et al, Clin. Nutr, 20, 429 (2001); Yu, C, et al, Pharm. Res, 19, 1907 (2002); Rimando, A, et al, J. Agric. Food Chem, 52, 4713 (2004); Walle, T, et al, Drug Metab. Dispos, 32, 1377 (2004)

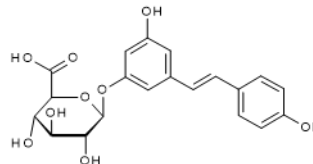
**Resveratrol 4'-O-glucuronide**see *trans-Resveratrol 4'-O-b-D-glucuronide*, MR59488 on page 491**trans-Resveratrol 3-O-b-D-glucuronide**

- 3-Hydroxy-5-[(1E)-2-(4-hydroxyphenyl)ethenyl]phenyl
- trans-Piceid

[27208-80-6] C<sub>20</sub>H<sub>22</sub>O<sub>8</sub> 390.38

MR10035

1g	\$75.00
2g	\$120.00
5g	\$250.00

**trans-Resveratrol 4'-O-b-D-glucuronide**

- 4-[(1E)-2-(3,5-Dihydroxyphenyl)ethenyl]phenyl b-D-glucopyranosiduronic acid
- Resveratrol 4'-O-glucuronide

[387372-20-5] C<sub>20</sub>H<sub>20</sub>O<sub>9</sub> 404.37

MR59488

1mg	\$295.00
2mg	\$570.00
5mg	\$1250.00

**Resveratrolside**see *trans-Resveratrol 4'-O-b-D-glucopyranoside*, MR10469 on page 491**13-cis-Retinoic acid b-D-glucopyranuronic acid**see *13-cis-Retinoyl b-D-glucuronide*, MR07285 on page 492

## Retinoic acid

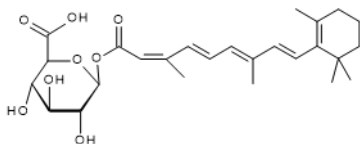
**9-cis-Retinoic acid b-D-glucopyranuronic Acid**see *9-cis-Retinoyl b-D-glucuronide*, MR07284 on page 492**All-trans-Retinoyl b-D-glucopyranuronic acid**see *E-Retinoyl b-glucuronide*, MR04801 on page 492**13-cis-Retinoyl b-D-glucuronide**

• 13-cis-Retinoic acid b-D-glucopyranuronic acid

[78147-42-9] C<sub>26</sub>H<sub>36</sub>O<sub>8</sub> 476.56

MR07285

1mg	\$385.00
2mg	\$720.00
5mg	\$1425.00



Refs: Dunagin PE, et.al, Science, 1965, 148,p86; Lippel K, et.al, J Lipid Res, 1968, 9, p168

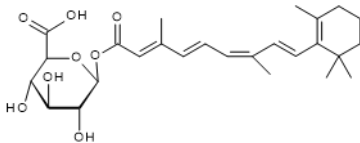
**9-cis-Retinoyl b-D-glucuronide**

• 9-cis-Retinoic acid b-D-glucopyranuronic Acid

[153321-67-6] C<sub>26</sub>H<sub>36</sub>O<sub>8</sub> 476.56

MR07284

1mg	\$336.00
2mg	\$630.00
5mg	\$1522.50



Refs: Dunagin PE, et.al, Science, 1965, 148, p86; Lippel K, et.al, J Lipid Res, 1968, 9, p168

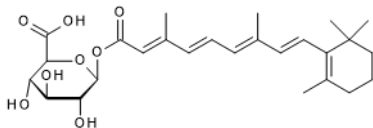
**E-Retinoyl b-glucuronide**

- RAG
- All-trans-Retinoyl b-D-glucopyranuronic acid

[401-10-5] C<sub>26</sub>H<sub>36</sub>O<sub>8</sub> 476.56

MR04801

1mg	\$225.00
2mg	\$395.00
5mg	\$725.00

**E-Retiny l b-glucuronide**

• all-trans-Retiny l b-glucuronide

[16639-19-3] C<sub>26</sub>H<sub>36</sub>O<sub>7</sub> 462.58

MR146410

100mg \$2500.00

**RGG**see *1-O-(2R)-Glycerol-b-D-galactopyranoside*, MG07432 on page 303**L-Rhamnal**

MR01025

Price On Application

**a-L-Rhamnopyranosyl bromide tribenzoate**

• 2,3,4-Tri-O-benzoyl-a-L-rhamnopyranosyl bromide

[53297-33-9]

MR02128

100mg	\$210.00
250mg	\$447.50
500mg	\$685.00

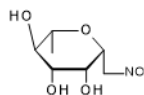
**b-L-Rhamnopyranosyl nitromethane**

• 2,6-Anhydro-1,7-dideoxy-1-nitro-L-glycero-L-galacto-heptitol

[30627-99-7] C<sub>7</sub>H<sub>13</sub>NO<sub>6</sub> 207.18

MR01637

5g	\$262.50
10g	\$420.00
25g	\$840.00



**1-13C-D-Rhamnose**

[634-74-2]

MR64873

Price On Application

**1,2-13C2-D-Rhamnose**

MR146391

Price On Application

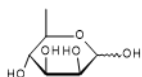
**D-Rhamnose**

- 6-Deoxy-D-mannose
- D-D-Mannomethylose

[634-74-2] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub> 164.16

MR02762

25mg	\$65.00
50mg	\$100.00
100mg	\$158.00

**L-Rhamnose-BSA**

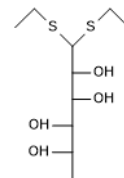
MR58621

250ug	\$187.50
500ug	\$275.00
1 mg	\$400.00

**L-Rhamnose diethyl mercaptal**[6748-70-5] C<sub>10</sub>H<sub>22</sub>O<sub>4</sub>S<sub>2</sub> 270.41

MR05237

5g	\$75.00
10g	\$110.00
25g	\$195.00



Refs: Wolfrom ML, Karabinos JV, J. Am. Chem. Soc. 1945, Vol67, p500

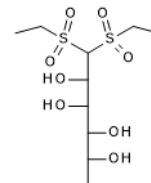
**L-Rhamnose bis(ethylsulfone)**

- 1,1-Diethylsulfonyl-L-rhamnose

[54253-49-5] C<sub>10</sub>H<sub>22</sub>O<sub>8</sub>S<sub>2</sub> 334.41

MR07276

250mg	\$85.00
500mg	\$125.00
1g	\$250.00

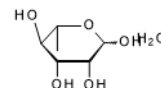
**α-L-Rhamnose monohydrate**

- 6-Deoxy-L-mannose

[10030-85-0] C<sub>8</sub>H<sub>12</sub>O<sub>5</sub>·H<sub>2</sub>O 182.17

MR14213

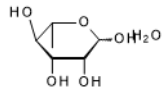
50g	\$79.00
100g	\$105.00
250g	\$172.50

**α-L-Rhamnose monohydrate**see *L-Rhamnose monohydrate*, MR00035 on page 494**α-L-Rhamnose monohydrate**see *L-Rhamnose monohydrate - USP*, MR145585 on page 494

**Rhamnosemono****L-Rhamnose monohydrate**

- 6-Deoxy-L-mannose
- a-L-Rhamnose monohydrate

[10030-85-0][6155-35-7][3615-41-6]	C <sub>6</sub> H <sub>12</sub> O <sub>5</sub> ·H <sub>2</sub> O	182.17		
MR00035		250g	\$60.00	
		500g	\$95.00	
		1kg	\$170.00	



Refs: Melo A, Glaser L, J. Biol. Chem. Vol243, No7, p1475-1478; Haack T, Haack K, Diederich WE, Blackman B, Roy S, Pusuluri S, Georg GI, J. Org. Chem. 2005, Sep 16, 70(19), 7592-604

**L-Rhamnose monohydrate - USP**

- 6-Deoxy-L-mannose
- a-L-Rhamnose monohydrate

[10030-85-0][6155-35-7][3615-41-6]	C <sub>6</sub> H <sub>12</sub> O <sub>5</sub> ·H <sub>2</sub> O	182.17		
MR14585				Price On Application

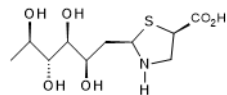
**b-L-Rhamnose tetraacetate**

see 1,2,3,4-Tetra-O-acetyl-b-L-rhamopyranose, MT06192 on page 536

**2-(L-Rhamno-tetrahydroxyptenyl)-4(R)-1,3-thiazolidine-4-carboxylic acid**

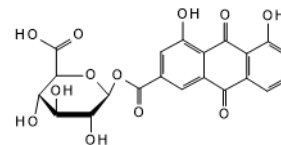
- 2-(6-Deoxy-L-manno-tetrahydroxyptenyl)-2R,4R-1,3-thiazolidine-4-carboxylic acid

[115184-32-2]	C <sub>10</sub> H <sub>19</sub> NO <sub>6</sub> S	281.33		
MR06661		250mg	\$157.50	
		500mg	\$265.00	
		1g	\$420.00	

**Rhein acyl-b-D-glucuronide**

- 1-(9,10-Dihydro-4,5-dihydroxy-9,10-dioxo-2-anthracenecarboxylate) b-D-glucopyranuronic acid

[190605-03-9]	C <sub>21</sub> H <sub>16</sub> O <sub>12</sub>	460.34		
MR16849		1mg	\$272.60	
		2mg	\$495.50	
		5mg	\$900.90	



Refs: Oesterle, O.A, et al, Chem. Pharm, 46, 701 (1996); Dahms, M, et al, Drug Metab. Dispos, 25, 442 (1997)

**Rhein-8-O-b-D-glucopyranoside**

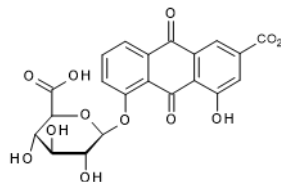
MR74550		2mg	\$80.00	
		5mg	\$160.00	
		10mg	\$272.00	

**Rhein 1-D-glucuronide**

[71938-10-8]				Price On Application
MR11761				

**Rhein 8-b-D-glucuronide**

[70793-10-1]	C <sub>21</sub> H <sub>16</sub> O <sub>12</sub>	460.34		
MR10470		1mg	\$236.30	
		2mg	\$441.00	
		5mg	\$735.00	



**Rhein D-Glucuronide (mixture of 1 & 8 Isomers)**

MR11762

Price On Application

**Rhodeose**see *D-Fucose*, MF00381 on page 268**L-Rhodinose**

• 2,3,6-Trideoxy-L-threo-hexose

C<sub>6</sub>H<sub>12</sub>O<sub>3</sub> 132.16

MR71870

Price On Application

**Rhodiolide**see *Salidoside*, MS15592 on page 500**Ribal**• Decitabine Impurity 15  
• 1,4-Anhydro-2-deoxy-D-erythro-pent-1-enitol[96761-00-1] C<sub>5</sub>H<sub>8</sub>O<sub>3</sub> 116.12

MR74842

2g	\$1000.00
5g	\$2175.00
10g	\$3160.00

**Ribaric acid disodium salt**

• Disodium ribarate

[33012-62-3] C<sub>5</sub>H<sub>8</sub>Na<sub>2</sub>O<sub>7</sub> 224.08

MR153475

100mg	\$395.00
250mg	\$750.00
500mg	\$1250.00

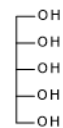
**Ribitol**

• Adonitol

[488-81-3] C<sub>5</sub>H<sub>12</sub>O<sub>5</sub> 152.15

MR01271

50g	\$60.00
100g	\$95.00
250g	\$195.00



Refs: de Valdéz GF, de Giori GS, de Ruiz Holgado AAP, Oliver G, Appl. Environ. Microbiol. 1983, p302-304

**D-Ribitol-5-phosphate**

• L-Ribitol 1-phosphate

[35320-17-3] C<sub>5</sub>H<sub>13</sub>O<sub>8</sub>P 232.13

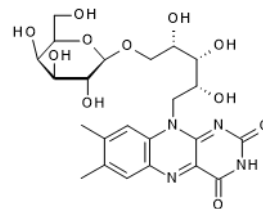
MR75189

Price On Application

**L-Ribitol 1-phosphate**see *D-Ribitol-5-phosphate*, MR75189 on page 495**Riboflavin galactoside**C<sub>23</sub>H<sub>30</sub>N<sub>4</sub>O<sub>11</sub> 538.5

MR10472

1mg	\$99.80
2mg	\$157.50
5mg	\$262.50

**b-L-Ribofuranose 1-acetate 2,3,5-tribenzoate**see *1-O-Acetyl-2,3,5-tri-O-benzoyl-b-L-ribofuranose*, MA04233 on page 42**D-Ribofuranose 1-acetate 2,3,5-tribenzoate**see *1-O-Acetyl-2,3,5-tri-O-benzoyl-D-ribofuranose*, MA16575 on page 42**D-Ribofuranose 5-phosphate disodium salt hydrate**see *D-Ribose-5-phosphate disodium salt hydrate*, MR01952 on page 498

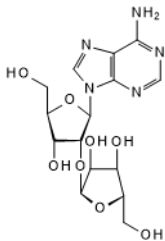
## Ribofuranose

**a-D-Ribofuranose 1,3,5-tribenzoate**see *1,3,5-Tri-O-benzoyl-a-D-ribofuranose, MT04028* on page 579**2'-O-a-D-Ribofuranosyladenosine**[82481-73-0] C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>8</sub> 399.36

MR10518

100mg

\$7000.00

**D-Ribofuranosylidihyronicotinamide, mixture of isomers**

[19132-12-8]

MR31174

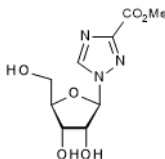
Price On Application

**b-D-ribofuranosyl isothiocyanate tribenzoate**see *2,3,5-Tri-O-benzoyl-b-D-ribofuranosyl isothiocyanate, MT58226* on page 579**2-b-D-Ribofuranosyl-4-thiazolecarboxamide**see *Tiazofurin, MT16870* on page 558**1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxylic acid methyl ester**

• Impurity H Ribavirin

[38934-69-9] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>6</sub> 259.22

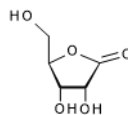
MR10473

1mg  
2mg  
5mg\$63.00  
\$105.00  
\$210.00**D-Ribonic acid-1,4-lactone**

• D-(+)-Ribonic acid-gamma-lactone

[5336-08-3] C<sub>5</sub>H<sub>8</sub>O<sub>5</sub> 148.11

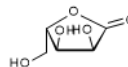
MR06719

5g  
10g  
25g\$75.00  
\$115.00  
\$195.00

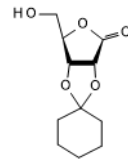
Refs: Caparelli CA, Liu D, J. Biol. Chem. 1992, Vol267, Issue 14, 9783-9787

**D-(+)-Ribonic acid-gamma-lactone**see *D-Ribonic acid-1,4-lactone, MR06719* on page 496**L-Ribonic acid-1,4-lactone**• L-Ribonic acid gamma-lactone  
• L-Ribono-1,4-lactone[133908-85-7] C<sub>5</sub>H<sub>8</sub>O<sub>5</sub> 148.12

MR08889

250mg  
500mg  
1g\$50.00  
\$85.00  
\$150.00**L-Ribonic acid gamma-lactone**see *L-Ribonic acid-1,4-lactone, MR08889* on page 496**L-Ribono-1,4-lactone**see *L-Ribonic acid-1,4-lactone, MR08889* on page 496**D-Ribonolactone 2,3-cyclohexyl ketal**• 2,3-O-Cyclohexylidene-D-ribo-1,4-lactone  
• 2,3-O-Cyclohexylidene-D-ribonic acid gamma-lactone[27304-20-7] C<sub>11</sub>H<sub>16</sub>O<sub>5</sub> 228.24

MR16851

100mg  
250mg  
500mg\$112.00  
\$202.50  
\$370.00

Refs: Wolfe, M, et al, J. Med. Chem, 35, 1782 (1992)



R

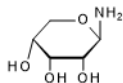


**D-Ribonolactone monoacetonide**

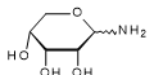
see 2,3-O-Isopropylidene-D-ribonic acid-1,4-lactone, M106657 on page 338

**b-D-Ribopyranosyl amine**[43179-09-5] C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub> 149.15

MR04845

1g \$150.00  
2g \$250.00  
5g \$475.00**D-Ribopyranosyl amine**[43179-09-5] C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub> 149.15

MR09649

1g \$131.30  
2g \$199.50  
5g \$472.50**2-(D-Ribopyranosyl)-hydrazinecarbothioamide**

see D-Ribopyranosyl thiosemicarbazide, MR00707 on page 497

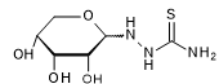
**D-Ribopyranosyl thiosemicarbazide**

• 2-(D-Ribopyranosyl)-hydrazinecarbothioamide

[95352-77-5] C<sub>8</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>S 223.25

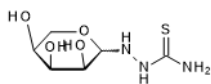
MR00707

Price On Application

**L-Ribopyranosyl thiosemicarbazide**C<sub>8</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>S 223.25

MR00704

Price On Application

**D-Ribosamine.HCl**

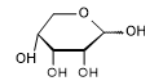
see 2-Amino-2-deoxy-D-ribose hydrochloride, MA32653 on page 62

**D-Ribose**

• (2R,3R,4R)-2,3,4,5-Tetrahydroxypentanal

[50-69-1] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

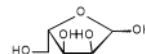
MR05196

250g \$50.00  
500g \$110.00  
1kg \$130.00

Refs: Salerno C, D'Eufemia P, Finocchiaro R, Celli M, Spalice A, Iannetti P, Crifo C, Giardini O, Biochim. Biophys. Acta 1999, Jan 6, 1453(1), 135-40; Berezovskii VM, Rodionova EP, Chem. Abstr. 1955, Vol49, p6838

**L-Ribose**[24259-59-4] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

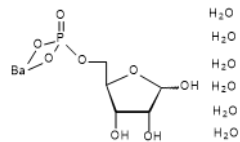
MR01979

25g \$70.00  
50g \$110.00  
100g \$180.00

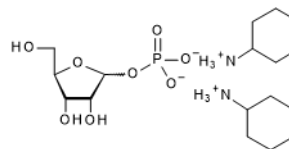
Refs: Ahmed Z, Shimonishi T, Bhuiyan H, Utamura M, Takada G, Izumori K, J. Biosci. Bioeng. 1999, 88, 444-448; Beil. 1, IV, 4214

**D-Ribose-5-phosphate barium salt hexahydrate**[15673-79-7] C<sub>5</sub>H<sub>9</sub>BaO<sub>9</sub>P·6H<sub>2</sub>O 473.51

MR05734

250mg \$82.50  
500mg \$130.00  
1g \$200.00**D-Ribose-1-phosphate bis(cyclohexylammonium) salt**[58459-37-3] C<sub>5</sub>H<sub>11</sub>O<sub>8</sub>P·2C<sub>6</sub>H<sub>13</sub>N 428.46

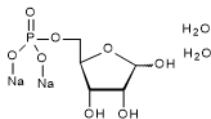
MR06142

1mg \$95.00  
2mg \$150.00  
5mg \$345.00

**Ribosephosph****D-Ribose-5-phosphate disodium salt dihydrate**[207671-46-3][3615-55-2][18265-46-8] C<sub>5</sub>H<sub>9</sub>Na<sub>2</sub>O<sub>8</sub>P·2H<sub>2</sub>O 310.1

MR05073

250mg	\$132.50
500mg	\$210.00
1g	\$336.00



Refs: Kolb VM, Dworkin JP, Miller SL, J. Mol. Evolution 1994, Vol38, No6, p549-557

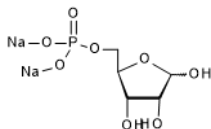
**D-Ribose-5-phosphate disodium salt hydrate**

• D-Ribofuranose 5-phosphate disodium salt hydrate

[18265-46-8][207671-46-3][3615-55-2] C<sub>5</sub>H<sub>9</sub>Na<sub>2</sub>O<sub>8</sub>P 274.07

MR01952

1g	\$55.00
2g	\$90.00
5g	\$150.00

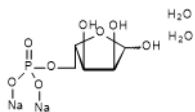


Refs: Wu J, Woodard RW, J. Biol. Chem. 2003, Vol278, Issue 20, 18117-18123

**L-Ribose-5-phosphate disodium salt hydrate**C<sub>5</sub>H<sub>9</sub>Na<sub>2</sub>O<sub>8</sub>P 274.07

MR07927

1mg	\$195.00
2mg	\$300.00
5mg	\$475.00

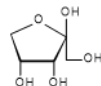
**D-Ribulose - Aqueous solution**

- D-Adonose
- D-erythro-2-Ketopentose
- D-erythro-2-Pentulose

[488-84-6] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MR03858

25mg	\$50.00
50mg	\$70.00
100mg	\$125.00

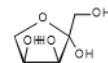
**L-Ribulose**

- L-erythro-Pentulose
- L-Adonose

[2042-27-5] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MR03777

25mg	\$50.00
50mg	\$85.00
100mg	\$150.00

**D-Ribulose-1,5-diphosphate sodium salt hydrate**

- RuDP
- Sodium 1,5-di-O-phosphono-D-ribofuranose

[14689-84-0] C<sub>5</sub>H<sub>12</sub>O<sub>11</sub>P<sub>2</sub> 310.09

MR45108

Price On Application

**D-Ribulose 5-phosphate sodium salt**

- Ru-5-P
- erythro-Pentulose 5-phosphate

[4151-19-3][352525-12-3] C<sub>5</sub>H<sub>11</sub>O<sub>8</sub>P·xNa 230.11 (free acid basis)

MR45852

2mg	\$75.00
5mg	\$125.00
10mg	\$225.00

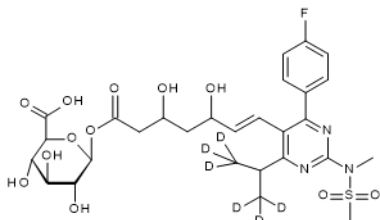
**RIG200**see *N*-(*S*-Nitroso-*N*-acetyl-*D*,*L*-penicillamine)-2-amino-2-deoxy-1,3,4,6-tetra-*O*-acetyl-*b*-*D*-glucopyranose, MN16821 on page 441**Robison Ester Barium Salt**see *D*-Glucose-6-phosphate barium salt hydrate, MG05015 on page 298**Robison ester disodium salt**see *D*-Glucose-6-phosphate disodium salt, MG06735 on page 299**Robison Ester Disodium Salt**see *D*-Glucose-6-phosphate disodium salt hydrate, MG07499 on page 299

R

**Robison Ester Monosodium Salt**see *D-Glucose-6-phosphate monosodium salt*, MG05095 on page 299**Rosuvastatin-D6 acyl-b-D-glucuronide**C<sub>28</sub>H<sub>30</sub>D<sub>6</sub>FN<sub>3</sub>O<sub>12</sub>S 663.7

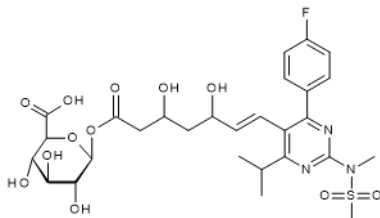
MR07275

0.5mg	\$262.50
1mg	\$525.00
2mg	\$997.50

**Rosuvastatin acyl-b-D-glucuronide**[503610-44-4] C<sub>28</sub>H<sub>36</sub>FN<sub>3</sub>O<sub>12</sub>S 657.66

MR07272

1mg	\$399.00
2mg	\$777.00
5mg	\$1837.50

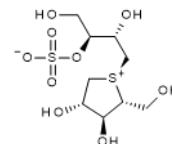
**Ru-5-P**see *D-Ribulose 5-phosphate sodium salt*, MR45852 on page 498**RuDP**see *D-Ribulose-1,5-diphosphate sodium salt hydrate*, MR45108 on page 498**D-Saccharic acid calcium salt**see *Calcium D-saccharate tetrahydrate*, MC04536 on page 134**D-Saccharic acid 1,4-lactone monohydrate**see *D-Glucaric acid-1,4-lactone*, MG07426 on page 284**Saccharolactic acid**see *Mucic acid*, MM47012 on page 433**D-Saccharolactone**see *D-Glucaric acid-1,4-lactone*, MG07426 on page 284**Salacinol**

- 1,4-Dideoxy-1,4-[(S)-[(2S,3S)-2,4-dihydroxy-3-(sulfooxy)butyl]episulfoniumylidene]-D-arabinitol inner salt
- (1S,2R,3S,4S)-1-[(2S,3S)-2,4-Dihydroxy-3-(sulfooxy)butyl]tetrahydro-3,4-dihydroxy-2-(hydroxymethyl)thiophenium inner salt

[200399-47-9] C<sub>9</sub>H<sub>18</sub>O<sub>9</sub>S<sub>2</sub> 334.37

MS27780

1mg	\$900.00
2mg	\$1500.00
5mg	\$2500.00

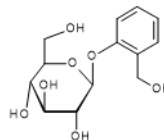
Refs: Matsuda, H. et al, *Chem. Pharmac. Bull.*, 47, 1725 (1999); Mohan, S. et al, *Carb. Res.* 342, 1551 (2007); Muraoka, O. et al, *J. Nat. Med.*, 65, 142 (2011)**D-Salicin**

• 2-(Hydroxymethyl)phenyl b-D-glucopyranoside

[138-52-3] C<sub>13</sub>H<sub>18</sub>O<sub>7</sub> 286.28

MS01266

50g	\$65.00
100g	\$105.00
250g	\$205.00

Refs: *Z. Phys. Chem.*, 1924, 109, p65**Salicylaldehyde b-D-glucoside**see *2-Formylphenyl b-D-glucopyranoside*, MF05651 on page 264**Salicylic acid-acyl-b-D-glucuronide**[29315-53-5] C<sub>13</sub>H<sub>14</sub>O<sub>9</sub> 314.24

MS44634

1mg	\$195.00
2mg	\$370.00
5mg	\$750.00



**Salicylicaci****Salicylic acid ethyl ester b-D-glucuronide**C<sub>15</sub>H<sub>18</sub>O<sub>9</sub> 342.3

MS09892

Price On Application

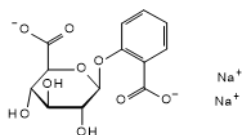
**Salicylic acid D-glucuronide**

• 2-Carboxyphenyl b-D-glucopyranosiduronic acid

[7695-70-7] C<sub>13</sub>H<sub>14</sub>O<sub>9</sub> 314.24

MS09950

1mg	\$150.00
2mg	\$250.00
5mg	\$375.00

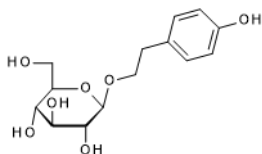
**Salidroside**

- Rhodiolide
- 2-(4-Hydroxyphenyl)ethyl-b-D-glucopyranoside
- Tyrosol glucoside

[10338-51-9] C<sub>14</sub>H<sub>20</sub>O<sub>7</sub> 300.3

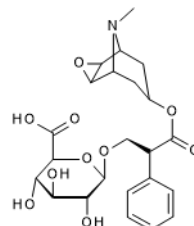
MS15592

10mg	\$55.00
25mg	\$95.00
50mg	\$150.00

**Scillarenin 3b-rhamnoside**see *Proscillaridin A*, MP45299 on page 483**Scopolamine O-b-D-glucuronide**[17660-02-5] C<sub>23</sub>H<sub>29</sub>NO<sub>10</sub> 479.48

MS09952

Price On Application

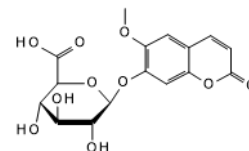
**Scopoletin b-D-glucuronide**

• 6-Methoxy-2-oxo-2H-1-benzopyran-7-yl b-D-glucopyranosiduronic acid

[132752-65-9] C<sub>18</sub>H<sub>16</sub>O<sub>10</sub> 368.29

MS16852

1mg	\$254.40
2mg	\$462.50
5mg	\$840.90



Refs: Ikushiro, S. et al, *Biochemistry*, 36, 7154 (1997); Ghosh, S.S. et al, *J. Biol. Chem.*, 276, 42108 (2001); Gagne, J.F. et al, *Mol. Pharmacol.*, 62, 608 (2002); Jinno, H. et al, *Drug Metab. Dispos.*, 31, 108 (2003)

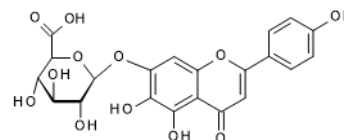
**Scutellarin**

• 5,6-Dihydroxy-2-(4-hydroxyphenyl)-4-oxo-4H-1-benzopyran-4-one-7-b-D-glucuronide

[27740-01-8] C<sub>21</sub>H<sub>18</sub>O<sub>12</sub> 462.36

MS08111

10mg	\$90.00
25mg	\$175.00
50mg	\$250.00

Refs: *Acta Phytochim.*, 1922/1923, 1, p121**scyllo-Inosamine**

• 1-Amino-1-deoxy-scyllo-inositol

[16051-25-5] C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub> 179.17

MS44777

1mg	\$90.00
2mg	\$150.00
5mg	\$250.00



**scyllo-Inosamine hydrochloride**

• 1-Amino-1-deoxy-scyllo-inositol HCl

[4933-84-0] C<sub>6</sub>H<sub>13</sub>NO<sub>4</sub>·HCl 199.63

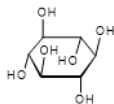
MI63480

1mg	\$90.00
2mg	\$150.00
5mg	\$250.00

**scyllo-Inositol**[488-59-5] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MI07514

100mg	\$50.00
250mg	\$80.00
500mg	\$140.00

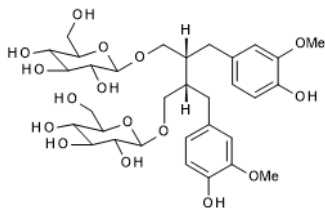


Refs: Beilstein 6(4)7920

**SDG**see *Secoisolaricresinol diglucoside, MS08283 on page 501***(3b,5Z,7E)-9,10-Secocholesta-5,7,10(19)-trien-3-yl**see *Vitamin D3 b-D-glucuronide, MV16894 on page 601***(3b,5Z,7E,22E)-9,10-Secoergosta-5,7,10(19),22-tetraen-3-yl b-D-glucopyranosiduronic acid monosodium salt**see *Vitamin D2 b-D-glucuronide sodium salt, MV16893 on page 601***Secoisolaricresinol diglucoside**• 2,3-Bis(3-Methoxy-4-hydroxybenzyl)butane-1,4-diol 1,4-diglucoside  
• SDG[148244-82-0] C<sub>32</sub>H<sub>46</sub>O<sub>16</sub> 686.71

MS08283

5mg	\$75.00
10mg	\$130.00
25mg	\$225.00

**Secoxyloganin**[58822-47-2] C<sub>17</sub>H<sub>24</sub>O<sub>11</sub> 404.37

MS45782

1mg	\$95.00
2mg	\$175.00
5mg	\$285.00

**D-Sedoheptulose**

• D-altrio-2-Heptulose

[3019-74-7] C<sub>7</sub>H<sub>14</sub>O<sub>7</sub> 210.18

MS139006

10mg	\$390.00
20mg	\$700.00
50mg	\$1400.00

**D-Sedoheptulose-2,3,4,5,6,7-13C6**

MS145649

Price On Application

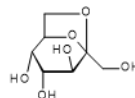
**Sedoheptulose anhydride monohydrate**

• 2,7-Anhydro-b-D-altrio-heptulopyranose

[469-90-9] C<sub>7</sub>H<sub>12</sub>O<sub>6</sub>·H<sub>2</sub>O 210.18

MS08092

100mg	\$58.00
250mg	\$80.00
500mg	\$120.00

**Sedoheptulose-1,7-bisphosphate dibarium salt**see *Sedoheptulose-1,7-diphosphate dibarium salt, MS34744 on page 502*

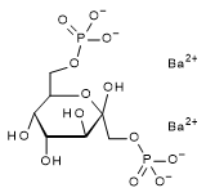
**Sedoheptulos****Sedoheptulose-1,7-diphosphate dibarium salt**

• Sedoheptulose-1,7-bisphosphate dibarium salt

[815-91-8] C<sub>7</sub>H<sub>12</sub>O<sub>13</sub>P<sub>2</sub>·2Ba 640.76

Price On Application

MS34744

**Sedoheptulose-1-phosphate**

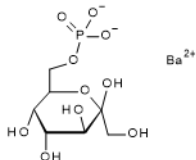
Price On Application

MS34743

**D-Sedoheptulose-7-phosphate barium salt**[2646-35-7] C<sub>7</sub>H<sub>13</sub>O<sub>10</sub>PBa 425.47

MS07457

1mg	\$60.00
2mg	\$100.00
5mg	\$150.00

**D-Sedoheptulose-7-phosphate barium salt-2,3,4,5,6,7-13C6**

Price On Application

MS145650

**D-Sedoheptulose 7-phosphate lithium salt**

• D-altra-Heptulose 7-phosphate lithium salt

[2646-35-7] C<sub>7</sub>H<sub>15</sub>O<sub>10</sub>P·xLi 290.16 (free acid basis)

MS139007

1mg	\$195.00
2mg	\$370.00
5mg	\$750.00

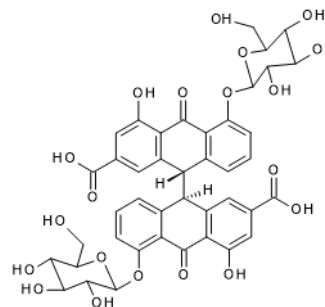
**Sennoside B**

• 5,5'-Bis(b-D-glucopyranosyloxy)-9,9',10,10'-tetrahydro-4,4'-dihydroxy-10,10'-dioxo-(9R,9'S)-[9,9'-bianthracene]-2,2'-dicarboxylic acid

[128-57-4] C<sub>42</sub>H<sub>38</sub>O<sub>20</sub> 862.74

MS08137

50mg	\$79.00
100mg	\$137.00
250mg	\$237.50



Refs: J. Pharm. Pharmacol, 1958, 10, p436

**Sennoside C**[37271-16-2] C<sub>42</sub>H<sub>40</sub>O<sub>19</sub> 848.76

MS74107

5mg	\$250.00
10mg	\$460.00
25mg	\$775.00

**Sennoside D**

[37271-17-3]

MS74108

5mg	\$325.00
10mg	\$525.00
25mg	\$1050.00



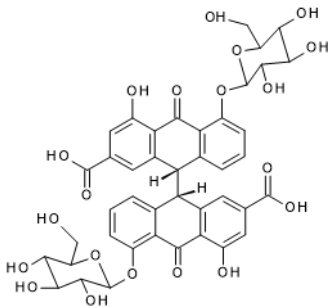
S

**Sennoside A**

• 5,5'-Bis(b-D-glucopyranosyloxy)-9,9',10,10'-tetrahydro-4,4'-dihydroxy-10,10'-dioxo-(9R,9'S)-[9,9'-bianthracene]-2,2'-dicarboxylic acid

[81-27-6] C<sub>42</sub>H<sub>38</sub>O<sub>20</sub> 862.74

MS08136	50mg	\$79.00
	100mg	\$137.00
	250mg	\$220.00



Refs: J. Pharm. Pharmacol, 1958, 10, p436

**Sennoside b calciumsalt**

[52730-37-7] C<sub>42</sub>H<sub>36</sub>CaO<sub>20</sub> 900.8

MS152031	2mg	\$59.00
	5mg	\$117.00
	10mg	\$203.00

**Sequoyitol**

see 5-O-Methyl-myo-inositol, MM10128 on page 403

**Sertraline carbamoyl-O-glucuronide**

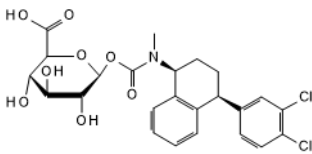
see Sertraline carbamoyl glucuronide, MS16854 on page 503

**Sertraline carbamoyl glucuronide**

• (1S-cis)-1-[[4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-1-naphthalenyl]methycarbamate]-b-D-glucopyranuronic acid  
• Sertraline carbamoyl-O-glucuronide

[119733-44-7] C<sub>24</sub>H<sub>25</sub>Cl<sub>2</sub>NO<sub>8</sub> 526.36

MS16854	1mg	\$227.20
	2mg	\$413.00
	5mg	\$750.80



Refs: Myers, C.E, et al, Pharmacol. Rev, 33, 1 (1981); Bosslet, K, et al, Cancer Res, 58, 1195 (1998)

**Shekanin**

see Tectoridin, MT08139 on page 512

**Shi epoxidation diketal catalyst**

see 1,2:4,5-Di-O-isopropylidene-b-D-erythro-2,3-hexodiulo-2,6-pyranose, MD30195 on page 218

**(3s)-3-Hydroxy-L-aspartic acid**

see (3S)-3-Hydroxy-L-aspartic acid, MH44502 on page 310

**Sialic acid**

see N-Acetylneuraminic acid, MA00746 on page 39

**Sialic acid aldolase - Aqueous solution**

MS11128	10g	\$105.00
	25g	\$210.00
	50g	\$367.50

**Sialic acid aldolase - crystalline**

• N-Acetylneuraminic acid aldolase  
• N-Acetylneuraminase lyase

MS11080	2g	\$60.00
	5g	\$105.00
	10g	\$180.00

**Silodosin b-D-glucuronide sodium salt**

• 3-[7-(Aminocarbonyl)-2,3-dihydro-5-[(2R)-2-[[2-(2,2,2-trifluoroethoxy)phenoxy]ethyl]amino]propyl]-1H-indol-1-yl]propyl b-D-glucopyranosiduronic acid monosodium salt

[879292-24-7] C<sub>31</sub>H<sub>40</sub>F<sub>3</sub>N<sub>3</sub>O<sub>10</sub> 671.66

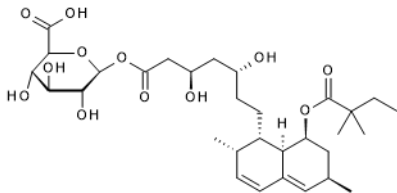
MS14905	1mg	\$395.00
	2mg	\$750.00
	5mg	\$1750.00



**Simvastatina****Simvastatin acyl-b-D-glucuronide**[463962-56-3] C<sub>31</sub>H<sub>48</sub>O<sub>12</sub> 612.71

MS10474

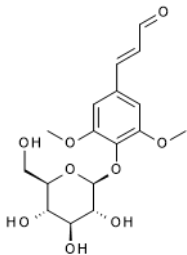
500ug	\$475.00
1mg	\$650.00
2mg	\$1170.00

**Sinapaldehyde glucoside**

[154461-65-1]

MS44380

Price On Application

**1-O-Sinapoyl-b-D-glucose**C<sub>17</sub>H<sub>22</sub>O<sub>10</sub> 386.35

MS74946

Price On Application

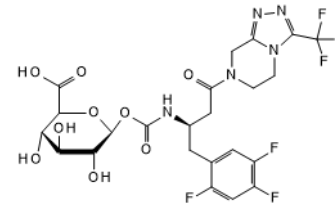
**Sinapyl alcohol 4-O-glucoside**see *Syringin*, MS10479 on page 510**Sitagliptin carbamoyl b-D-glucuronide**

- 1-[N-[(1R)-3-[5,6-Dihydro-3-(trifluoromethyl)-1,2,4-triazolo[4,3-a]pyrazin-7(8H)-yl]-3-oxo-1-[(2,4,5-trifluorophenyl)methyl]propyl]carbamate]

[940002-59-5] C<sub>23</sub>H<sub>23</sub>F<sub>8</sub>N<sub>5</sub>O<sub>9</sub> 627.45

MS16855

1mg	\$408.80
2mg	\$743.30
5mg	\$1351.40



Refs: Zander, M, et al, Lancet, 359, 824

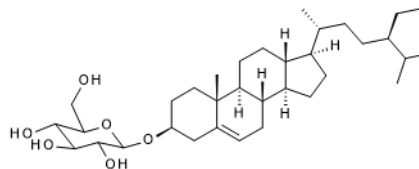
**b-Sitosterol b-D-glucoside**

- Eleutheroside A
- Doursterol

[474-58-8] C<sub>35</sub>H<sub>60</sub>O<sub>6</sub> 576.85

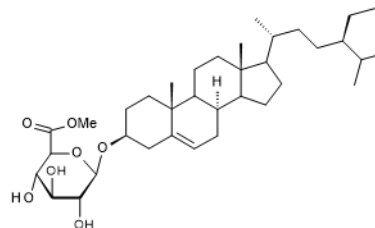
MS12901

2mg	\$50.00
5mg	\$80.00
10mg	\$125.00

**b-Sitosterol b-D-glucuronide methyl ester**C<sub>36</sub>H<sub>60</sub>O<sub>7</sub> 604.86

MS07271

0.5mg	\$630.00
1mg	\$1155.00
2mg	\$2100.00





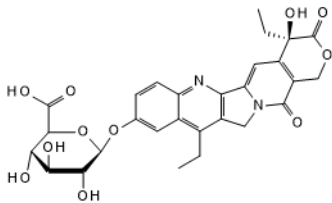
**SN-38 glucuronide**

- 7-Ethyl-10-hydroxy-camptothecin-10-O- $\beta$ -D-glucuronide
- (4S)-4,11-Diethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl  $\beta$ -D-glucopyranosiduronic acid

[121080-63-5] C<sub>28</sub>H<sub>28</sub>N<sub>2</sub>O<sub>11</sub> 568.53

MS16856

1mg	\$850.00
2mg	\$1500.00
5mg	\$2500.00



Refs: Fujita, K, et al, Biol. Pharm. Bull, 31, 2137 (2008); Sandanaraj, E, et al, Pharmacogen. J, 8, 174 (2008); Chen, K, et al, Chem. Biol, 15, 1277 (2008)

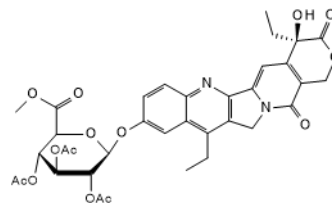
**SN-38 tri-O-acetyl- $\beta$ -D-glucuronic acid methyl ester**

- (S)-4,11-Diethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl  $\beta$ -D-glucopyranosiduronic acid methyl ester 2,3,4-triacetate

[121098-77-9] C<sub>35</sub>H<sub>36</sub>N<sub>2</sub>O<sub>14</sub> 708.67

MS16857

Price On Application

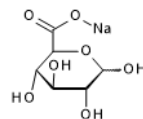
**Sodium 5-acetamido-2,6-anhydro-3,5-dideoxy-D-glycero-D-galacto-non-2-enonate**see *N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid sodium salt*, MA06093 on page 31**(+)-Sodium L-ascorbate**see *L(+)-Ascorbic acid sodium salt*, MA29975 on page 86**Sodium carboxymethyl cellulose**see *Croscarmellose sodium*, MC32330 on page 152**Sodium 2,3:4,6-di-O-isopropylidene- $\alpha$ -L-xylo-2-hexulofuranosonate**see *2,3:4,6-Di-O-isopropylidene-2-keto-L-gulonic acid sodium salt*, MD13687 on page 222**Sodium 1,5-di-O-phosphono-D-ribofuranose**see *D-Ribulose-1,5-diphosphate sodium salt hydrate*, MR45108 on page 498**Sodium galacturonate anhydrous**see *D-Galacturonic acid sodium salt*, MG06972 on page 279**Sodium glucoheptonate dihydrate**see *D-Glucoheptonic acid sodium salt dihydrate*, MG01732 on page 286**Sodium gluconate**see *D-Gluconic acid sodium salt*, MG07373 on page 288**Sodium-D-glucuronate**

- D-Glucuronic acid sodium salt
- D-Glucuronic acid sodium salt monohydrate

[207300-70-7][14984-34-0][7182-77-6] C<sub>6</sub>H<sub>9</sub>NaO<sub>7</sub>·H<sub>2</sub>O 234.14

MS04198

100g	\$60.00
250g	\$95.00
500g	\$150.00

**Sodium L-glucuronate**see *L-Glucuronic acid sodium salt*, MG71672 on page 302**Sodium N-Methyl-D-glucamine dithiocarbamate**see *N-(Dithiocarboxy)-N-methyl-D-glucamine sodium salt*, MD11345 on page 231**Sodium polypectate**see *Polygalacturonic acid sodium*, MP44369 on page 477**Solketal**see *1,2-O-Isopropylidene-glycerol*, MI03369 on page 336

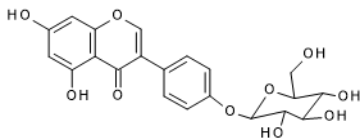
**Sophoricosid****Sophoricoside**

• 3-[4-(b-D-Glucopyranosyloxy)phenyl]-5,7-dihydroxy-4H-1-benzopyran-4-one

[152-95-4] C<sub>21</sub>H<sub>20</sub>O<sub>10</sub> 432.38

MS08127

100mg	\$60.00
250mg	\$97.50
500mg	\$140.00

**1,4-Sorbitan**

see 1,4-Anhydro-D-glucitol, MA04203 on page 74

**Sorbitan monostearate**

• Span 60

[1338-41-6] C<sub>24</sub>H<sub>46</sub>O<sub>6</sub> 430.62

MS54861

1kg	\$40.00
2kg	\$60.00
5kg	\$110.00

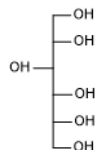
**D-Sorbitol**

• D-Glucitol

[50-70-4] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

MS00451

5kg	\$60.00
10kg	\$100.00
25kg	\$230.00

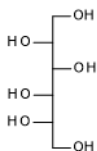


Refs: Sheehan CJ, , RN. 1993, 56, p73

**L-Sorbitol**[6706-59-8] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

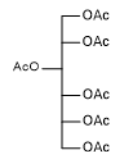
MS00740

50mg	\$100.00
100mg	\$189.00
250mg	\$342.50

**D-Sorbitol hexaacetate**[7208-47-1] C<sub>18</sub>H<sub>26</sub>O<sub>12</sub> 434.39

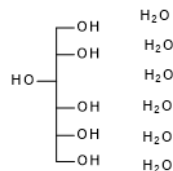
MS08219

50g	\$75.00
100g	\$130.00
250g	\$225.00

**D-Sorbitol hexahydrate**C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>·6H<sub>2</sub>O 290.26

MS06889

250g	\$157.50
500g	\$265.00
1kg	\$472.50

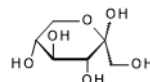
**D-Sorbose**

• D-Xylo-hexulose

[3615-56-3] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MS06724

500mg	\$80.00
1g	\$125.00
2g	\$190.00



Refs: Beil. 1, IV, 4411

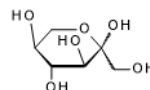
**L-Sorbose**

• (3S,4R,5S)-1,3,4,5,6-Pentahydroxyhexan-2-one

[87-79-6] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MS05200

50g	\$45.00
100g	\$80.00
250g	\$135.00



Refs: Hotchkiss D, Soengas R, Simone MI, van Ameijde J, Hunter S, Cowley AR, Fleet GWJ, Tetrahydron Lett. 2004, 45, 9461-9464; Leang K, Maekawa K, Menavuvu BT, Morimoto K, Granström TB, Takada G, Izumori K, J. Biosci. Bioeng. 2004, 97, 383-388



**L-[6-13C]Sorbitose**[478506-38-6] C<sub>5</sub><sup>13</sup>CH<sub>12</sub>O<sub>6</sub> 181.15

MS35536

100mg	\$225.00
250mg	\$425.00
500mg	\$750.00

**a-L-Sorbitose diacetone**

see 2,3:4,6-Di-O-isopropylidene-a-L-sorbofuranose, MD06400 on page 224

**L-Sorbitose-1-phosphate**

[49594-02-7]

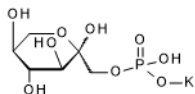
MS03506

Price On Application

**L-Sorbitose-1-phosphate potassium salt**C<sub>6</sub>H<sub>12</sub>KO<sub>9</sub>P 298.23

MS06892

Price On Application

**Span 60**

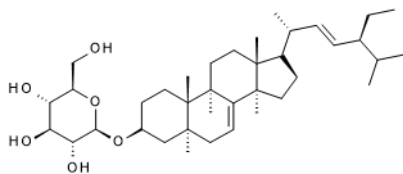
see Sorbitan monostearate, MS54861 on page 506

**a-Spinasterol glucoside**

[1745-36-4]

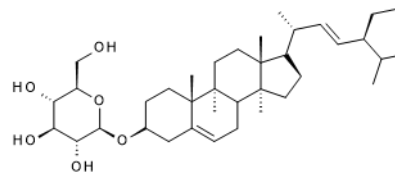
MS44386

Price On Application

**Stigmasterol glucoside**[19716-26-8] C<sub>35</sub>H<sub>58</sub>O<sub>8</sub> 574.83

MS44387

5mg	\$225.00
10mg	\$380.00
25mg	\$775.00

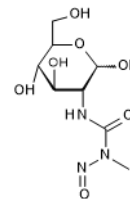
**Streptozocin**

• 2-Deoxy-2-(3-methyl-3-nitrosoureido)-D-glucopyranose

[18883-66-4] C<sub>8</sub>H<sub>15</sub>N<sub>3</sub>O<sub>7</sub> 265.2

MS07936

250mg	\$62.50
500mg	\$90.00
1g	\$125.00

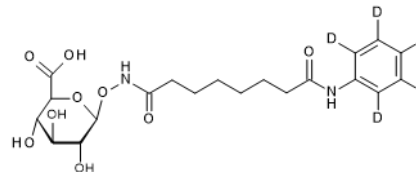
**Suberoylanilide-D5 hydroxamic acid b-D-glucuronide**

• 1-O-[[1,8-Dioxo-8-(phenyl-D5-amino)octyl]amino]-b-D-glucopyranuronic acid

C<sub>20</sub>H<sub>23</sub>N<sub>2</sub>O<sub>9</sub>D<sub>5</sub> 445.47

MS07391

1mg	\$375.00
2mg	\$700.00
5mg	\$1680.00



Refs: Sun WS, et al, J. Med. Chem, 2003, 46, p5619

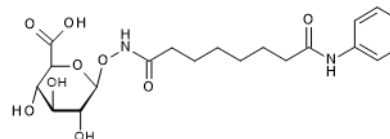
**Suberoylanilide hydroxamic acid b-D-glucuronide**

• 1-O-[[1,8-Dioxo-8-(phenylamino)octyl]amino]-b-D-Glucopyranuronic acid

[863456-50-2] C<sub>20</sub>H<sub>28</sub>N<sub>2</sub>O<sub>9</sub> 440.44

MS07390

1mg	\$262.50
2mg	\$525.00
5mg	\$1050.00

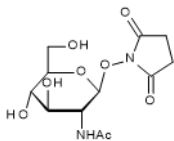


Refs: Sun WS, et al, J. Med. Chem, 2003, 46, p5619

**Succinylacet****N-(Succinyl)-2-acetamido-2-deoxy-b-D-glucopyranosylhydroxylamine**C<sub>12</sub>H<sub>18</sub>N<sub>2</sub>O<sub>8</sub> 318.28

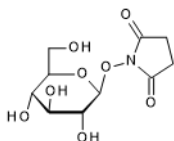
MS11653

Price On Application

**N-(Succinyl)-O-b-D-galactopyranosylhydroxylamine**C<sub>10</sub>H<sub>15</sub>NO<sub>8</sub> 277.23

MS11654

Price On Application

**N-(Succinyl)-O-b-D-glucopyranosylhydroxylamine**

MS11651

Price On Application

**N-(Succinyl)-O-b-D-lactosylhydroxylamine**

MS11652

Price On Application

**N-(Succinyl)-O-b-D-maltosylhydroxylamine**

MS11650

Price On Application

**Sucrose-6-acetic ester**[63648-81-7][936001-72-8] C<sub>14</sub>H<sub>24</sub>O<sub>12</sub> 384.33

MS07653

1g	\$157.50
2g	\$294.00
5g	\$656.30

**Sucrose fatty acid ester**

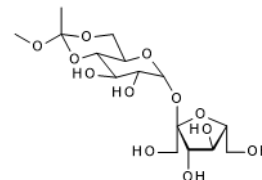
MS03597

Price On Application

**Sucrose 4,6-methyl orthoester**[116015-72-6] C<sub>15</sub>H<sub>26</sub>O<sub>12</sub> 398.36

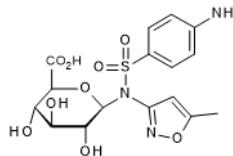
MS10476

1g	\$147.00
2g	\$210.00
5g	\$472.50

**Sulfamethoxazole b-D-glucuronide**[14365-52-7] C<sub>16</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub>S 429.41

MS09648

1mg	\$210.00
2mg	\$388.50
5mg	\$945.00



## Swertiamarin

## N-(4'-Sulfamidophenyl)-1,2:3,4-di-O-isopropylidene-a-D-galactopyranosyluronamide

[5160-23-6] C<sub>18</sub>H<sub>23</sub>NO<sub>8</sub>S 413.44

MS00844

Price On Application



## Sulindac sulfone acyl-b-D-glucuronide

[60018-37-3] C<sub>26</sub>H<sub>25</sub>FO<sub>10</sub>S 548.54

MS46796

Price On Application



## Sulfatides

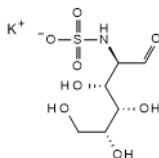
see *Cerebroside sulfate, MC16201 on page 140*

## N-Sulfo-glucosamine Potassium salt

[31284-96-5] C<sub>6</sub>H<sub>12</sub>KNO<sub>8</sub>S 297.33

MS44370

250g	\$50.00
500g	\$80.00
1Kg	\$120.00



## (17b)-3-(Sulfooxy)estra-1,3,5(10)-trien-17-yl b-D-glucoopyranosiduronic acid dipotassium salt

see *Estradiol 3-sulfate 17b-glucuronide dipotassium salt, ME16717 on page 239*

## Sulindac-acyl-b-D-glucuronide

[60018-36-2] C<sub>26</sub>H<sub>25</sub>FO<sub>9</sub>S 532.54

MS44756

1mg	\$220.00
5mg	\$850.00



## Sulindac sulfide-acyl-b-D-glucuronide

[59973-78-3] C<sub>26</sub>H<sub>25</sub>FO<sub>8</sub>S 516.54

MS46795

Price On Application



## Sulphoquinovosyl diglyceride

MS106319

Price On Application



## Sunitinib N-glucuronide

MS146112

Price On Application



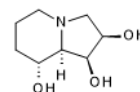
## Swainsonine

• (1S,2R,8R,8aR)-1,2,3,5,6,7,8,8a-Octahydroindolizine-1,2,8-triol

[72741-87-8] C<sub>8</sub>H<sub>15</sub>NO<sub>3</sub> 173.21

MS10129

1mg	\$70.00
2mg	\$120.00
5mg	\$225.00



Refs: Winkler JR, Segal HL, J. Biol. Chem, 1984, 259, p15369; Humphries MJ, et. al, Cancr res, 1988, 48, p1410

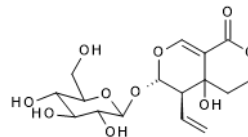


## Swertiamarin

[17388-39-5] C<sub>16</sub>H<sub>22</sub>O<sub>10</sub> 374.34

MS10475

50mg	\$75.00
100mg	\$120.00
250mg	\$200.00



Refs: Yakugaku Zasshi, 1927, 133, p25



**Syringaresin****Syringaresinol-di-O-glucoside**

- Acanthoside D
- Eleutheroside E

[39432-56-9] C<sub>34</sub>H<sub>46</sub>O<sub>18</sub> 742.72

MS33277

10mg	\$85.00
25mg	\$200.00
50mg	\$365.00

**(+)-syringaresinol-4,4'-bis-O-b-D-glucopyranoside**

MS74566

Price On Application

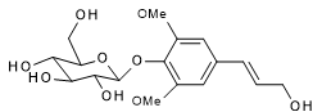
**Syringin**

- Sinapyl alcohol 4-O-glucoside
- Syringoside
- Ligustrin

[118-34-3] C<sub>17</sub>H<sub>24</sub>O<sub>9</sub> 372.37

MS10479

5mg	\$70.00
10mg	\$115.00
25mg	\$185.00

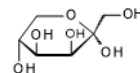


Refs: J. Pharm. Chem, 1907, 24, p529

**Syringoside**see *Syringin*, MS10479 on page 510**(-)-Taddol**see *2,3-O-Isopropylidene-1,1,4,4-tetraphenyl-L-threitol*, MI11457 on page 339**Tagatosazine**see *Fructosazine*, MF10551 on page 265**D-Tagatose**[87-81-0] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MT00204

50g	\$55.00
100g	\$90.00
250g	\$175.00

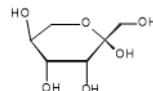


Refs: Barilli PL, Berti G, Catelani G, D'Andrea F, Miarelli L, Carbohydr. Res. 1995, Sep 8, 274, 197-208; Beil. 1, IV, 4414

**L-Tagatose**[17598-82-2] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MT05198

25mg	\$115.00
50mg	\$210.00
100mg	\$368.00



Refs: Bhuiyan S, Itami Y, Takada G, Izumori K, J. Biosci. Bioeng. 1999, 88, 567-570

**D-Tagatose 1-phosphate**C<sub>6</sub>H<sub>13</sub>O<sub>9</sub>P 260.14

MT74939

Price On Application

**D-Tagatose-6-phosphate barium salt**

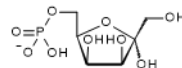
MT45895

Price On Application

**D-Tagatose-6-phosphate lithium salt**[67424-99-1] C<sub>6</sub>H<sub>13</sub>O<sub>9</sub>P·xLi 260.14 (free acid basis)

MT05378

1mg	\$247.80
2mg	\$445.20
5mg	\$1002.80

Li<sup>+</sup>

Refs: Bissett DL, Wenger WC, Anderson RL, J. Biol. Chem. 1980, Vol255, Issue 18, 8740-8744



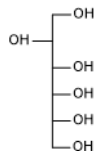
**D-Tagaturonic acid**see *D-Arabino-5-hexulosonic acid*, MA146089 on page 81**D-Talitol**

• D-Altritol

[643-03-8] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

MT00743

50mg	\$60.00
100mg	\$100.00
250mg	\$200.00

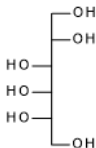


Refs: Sasahara H, Mine M, Izumori K, J. Ferment. Bioeng. 1998, Vol85, No1, p84-88

**L-Talitol**[60660-58-4] C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> 182.17

MT07128

25mg	\$95.00
50mg	\$175.00
100mg	\$290.00

**D-Talitol-1,6-diphosphate**

MT158469

Price On Application

**Talnac**see *2-Acetamido-2-deoxy-D-talopyranose*, MA00718 on page 16**D-Talono-1,4-lactone**[23666-11-7] C<sub>6</sub>H<sub>10</sub>O<sub>6</sub> 178.14

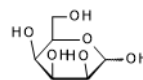
MT28848

10mg	\$63.00
25mg	\$131.50
50mg	\$210.00

**D-Talose**[2595-98-4] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MT00255

50mg	\$47.50
100mg	\$63.00
250mg	\$105.00

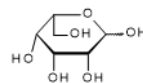


Refs: Martin ET, Carbohydr. Res. Vol26, No2, p287-295; Beil. 1, IV, 4344

**L-Talose**[23567-25-1] C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> 180.16

MT06736

50mg	\$120.00
100mg	\$195.00
250mg	\$350.00



Refs: Bhuiyan S, Itami Y, Takada G, Izumori K, J. Biosci. Bioeng. 1999, 88, 567-570; Beil. 1, IV, 4346

**Talose Triflate**see *1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-b-D-talopyranose*, MT08259 on page 538**Tannic acid**

• Gallotannin

[1401-55-4][93615-37-3] C<sub>76</sub>H<sub>52</sub>O<sub>46</sub> 1701.2

MT30443

1kg	\$85.00
2kg	\$150.00
5kg	\$325.00

**Tarenflurbil-acyl-b-D-glucuronide**

• (R)Flurbiprofen-acyl-b-D-glucuronide

[162992-67-8] C<sub>21</sub>H<sub>21</sub>F<sub>3</sub>O<sub>6</sub> 420.39

MT44757

Price On Application



**TATM****TATM**

see 1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-b-D-mannopyranose, MT06933 on page 538

**Toxicatin**

• 3,5-Dimethoxyphenyl-beta-D-glucopyranoside

[90-71-1]

MT65346

1mg \$50.00  
2mg \$80.00  
5mg \$150.00

**TBV**

see 1,5,6,7-Tetra-O-benzylvoglibose, MT08762 on page 550

**TDP-Glucose disodium salt**

see Thymidine-5'-diphosphate-D-glucose disodium salt, MT04383 on page 558

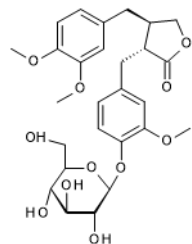
**Tectoridin**

• 7-(b-D-Glucopyranosyloxy)-5-hydroxy-3-(4-hydroxyphenyl)-6-methoxy-4H-1-benzopyran-4-one  
• Shekanin

[611-40-5] C<sub>22</sub>H<sub>22</sub>O<sub>11</sub> 462.4

MT08139

25mg \$60.00  
50mg \$100.00  
100mg \$150.00



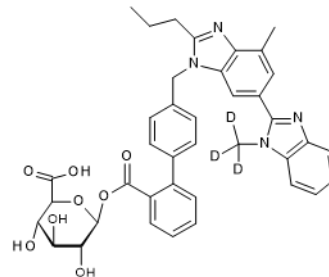
Refs: YakugakuZasshi, 1927, 543, p380

**Telmisartan-D3-acyl-b-D-glucuronide**

C<sub>39</sub>H<sub>35</sub>D<sub>3</sub>N<sub>4</sub>O<sub>8</sub> 693.76

MT07381

1mg \$360.00  
2mg \$700.00  
5mg \$1475.00

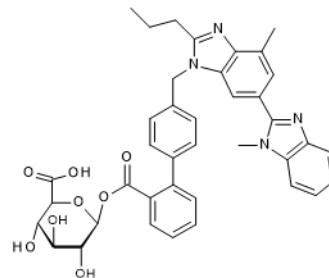
**Telmisartan acyl-b-D-glucuronide**

• 1-[4'-[(1',4-Dimethyl-2-propyl[2'-propyl[2',6-b1-1H-benzimidazol]-1-yl)methyl]][1,1'-biphenyl]-2-carboxylate]-b-D-glucopyranuronic acid

[250780-40-6] C<sub>39</sub>H<sub>38</sub>N<sub>4</sub>O<sub>8</sub> 690.74

MT07380

1mg \$160.00  
2mg \$270.00  
5mg \$475.00

**1,4,5,6-Tetraacetate**

see 3,4,5,6-Tetra-O-acetyl myo-inositol, MT16863 on page 533

**2,3,4,6-Tetraacetate D-glucopyranose**

see 2,3,4,6-Tetra-O-acetyl-D-glucopyranose, MT01004 on page 527

**1,3,4,6-Tetraacetate 2-(trifluoromethane-sulphonate)-b-D-mannopyranose**

see 1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-b-D-mannopyranose, MT06933 on page 538

**1,3,4,6-Tetra-O-acetyl-2-acetamido-2-deoxy-b-D-mannose**

see 2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-mannopyranose, MA04038 on page 20



## Tetra-O-acetyl-2-acetamido-2-deoxy-b-D-mannose

MT58668	100mg	\$60.00
	250mg	\$112.50
	500mg	\$180.00

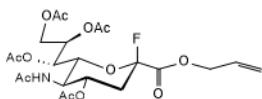


## 4,7,8,9-Tetra-O-acetyl-N-acetyl-2-deoxy-2-fluoro-b-D-neuraminic acid allyl ester

[98712-63-1] C<sub>22</sub>H<sub>30</sub>FNO<sub>12</sub> 519.47

Price On Application

MT30722

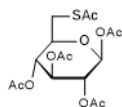


## 1,2,3,4-Tetra-O-acetyl-6-S-acetyl-6-deoxy-6-thio-b-D-glucopyranose

C<sub>18</sub>H<sub>22</sub>O<sub>10</sub>S 406.41

MT10969

1mg	\$95.00
2mg	\$170.00
5mg	\$350.00



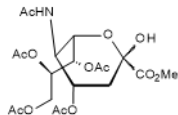
## 4,7,8,9-Tetra-O-acetyl-N-acetyl-D-neuraminic acid methyl ester

• Methyl 5-Acetamido-4,7,8,9-tetra-O-acetyl-3,5-dideoxy-b-D-glycero-D-galacto-2-nonulopyranosylonate

[84380-10-9] C<sub>20</sub>H<sub>29</sub>NO<sub>13</sub> 491.44

MT07480

250mg	\$95.00
500mg	\$180.00
1g	\$346.50



## 4,7,8,9-Tetra-O-acetyl-N-acetyl-2-S-2-propyn-1-yl-2-thio-a-neuraminic acid methyl ester

[494848-78-1] C<sub>23</sub>H<sub>31</sub>NO<sub>12</sub>S 545.56

MT158663

10g \$4000.00



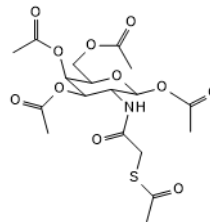
## 1,3,4,6-Tetra-O-acetyl-2-[[2-(acetylthio)acetyl]amino]-2-deoxy-D-galactopyranose

• 2-[[2-(Acetylthio)acetyl]amino]-2-deoxy-D-galactopyranose, 1,3,4,6-tetraacetate

[1334320-77-2] C<sub>18</sub>H<sub>25</sub>NO<sub>11</sub>S 463.46

MT145185

Price On Application

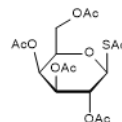


## 2,3,4,6-Tetra-O-acetyl-1-S-acetyl-b-D-thiogalactopyranose

C<sub>15</sub>H<sub>20</sub>O<sub>11</sub>S 408.38

MT10924

500mg	\$105.00
1g	\$189.00
2g	\$367.50



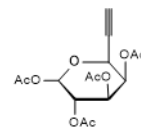
## 1,2,3,4-Tetra-O-acetyl-5-alkynyl-L-fucose

• 1,2,3,4-Tetra-O-acetyl-6,7-dideoxy-L-galacto-hept-6-ynopyranose

[935658-91-6] C<sub>15</sub>H<sub>18</sub>O<sub>9</sub> 342.3

MT59558

1mg	\$175.00
2mg	\$300.00
5mg	\$500.00



## Tetraacetyla

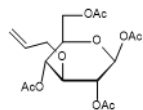
**1,2,4,6-Tetra-O-acetyl-3-O-allyl-b-D-glucopyranose**

• 3-O-Allyl-1,2,4,6-tetra-O-acetyl-b-D-glucopyranose

C<sub>17</sub>H<sub>24</sub>O<sub>10</sub> 388.37

MT08385

500mg	\$185.00
1g	\$315.00
2g	\$577.50

**1,3,4,6-Tetra-O-acetyl-2-[(2-aminoacetyl)amino]-2-deoxy-a-D-glucopyranose**[47577-85-5] C<sub>16</sub>H<sub>24</sub>N<sub>2</sub>O<sub>10</sub> 404.37

MT145108

Price On Application

**1,3,4,6-Tetra-O-acetyl-2-[(2-aminoacetyl)amino]-2-deoxy-b-D-glucopyranose**[948565-47-7] C<sub>16</sub>H<sub>24</sub>N<sub>2</sub>O<sub>10</sub> 404.37

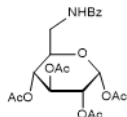
MT145107

Price On Application

**1,2,3,4-Tetra-O-acetyl-6-aminobenzoyl-6-deoxy-a-D-glucopyranoside**C<sub>21</sub>H<sub>25</sub>NO<sub>10</sub> 451.42

MT08813

Price On Application

**1,3,4,6-Tetra-O-acetyl-2-amino-2-deoxy-b-D-glucopyranose HCl**

see 1,3,4,6-Tetra-O-acetyl-b-D-glucosamine HCl, MT07376 on page 531

**1,3,4,6-Tetra-O-acetyl-2-amino-2-deoxy-a-D-glucopyranose hydrochloride**

see 1,3,4,6-Tetra-O-acetyl-a-D-glucosamine HCl, MT05394 on page 531

**1,3,4,6-Tetra-O-acetyl-2-amino-2-deoxy-N-(4-methoxybenzylidene)-b-D-glucopyranose**

see 1,3,4,6-Tetra-O-acetyl-N-(4-methoxybenzylidene)-b-D-glucosamine, MT08177 on page 536

**1,3,4,6-Tetra-O-acetyl-2-{2-[(2-aminoethyl)amino]-acetamido}-2-deoxy-D-glucopyranose**

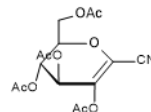
MT145162

Price On Application

**3,4,5,7-Tetra-O-acetyl-2,6-anhydro-D-lyxo-hept-2-enonitrile**[120085-67-8] C<sub>15</sub>H<sub>17</sub>NO<sub>9</sub> 355.3

MT00730

100mg	\$168.00
250mg	\$382.50
500mg	\$685.00

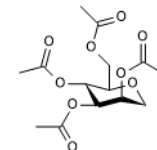
**2,3,4,6-Tetra-O-acetyl-1,5-anhydro-D-mannitol**

- 1,5-Anhydro-D-mannitol tetraacetate
- NSC 231899

[13121-61-4] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

MT16864

50mg	\$150.50
100mg	\$273.00
250mg	\$497.50

**1,2,3,5-Tetra-O-acetyl-a-D-arabinofuranose**[43225-70-3] C<sub>13</sub>H<sub>16</sub>O<sub>9</sub> 318.28

MT45867

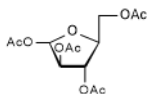
1g	\$125.00
2g	\$190.00
5g	\$300.00



**1,2,3,5-Tetra-O-acetyl-L-arabinofuranose**[56272-01-6] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.28

MT45866

1g	\$175.00
2g	\$300.00
5g	\$550.00

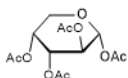
**1,3,4,6-Tetra-O-acetyl-D-arabino-hexopyranose**

see 1,3,4,6-Tetra-O-acetyl-2-deoxy-D-glucopyranose, MT05325 on page 520

**1,2,3,4-Tetra-O-acetyl-a-D-arabinopyranose**[108646-05-5] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.31

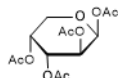
MT01163

1g	\$472.50
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**1,2,3,4-Tetra-O-acetyl-b-D-arabinopyranose**[108646-05-5] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.28

MT45865

10g	\$750.00
25g	\$1250.00
50g	\$1750.00

**1,2,3,4-Tetra-O-acetyl-L-arabinopyranose**

[123163-97-3]

MT44863

1g	\$750.00
2g	\$1200.00
5g	\$1750.00

**1,3,4,6-Tetra-O-acetyl-2-(2-azidoacetamido)-2-deoxy-b-D-glucopyranose**

see 1,3,4,6-Tetra-O-acetyl-N-azidoacetylglucosamine, MA46003 on page 515

**1,3,4,6-Tetra-O-acetyl-N-azidoacetylglactosamine**

• GalNAz tetraacetate

C<sub>18</sub>H<sub>22</sub>N<sub>4</sub>O<sub>10</sub> 430.37

MA46005

5mg	\$95.00
10mg	\$165.00
25mg	\$295.00

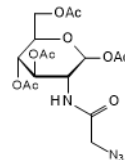
**1,3,4,6-Tetra-O-acetyl-N-azidoacetylglucosamine**

- GlcNAz tetraacetate
- 1,3,4,6-Tetra-O-acetyl-2-(2-azidoacetamido)-2-deoxy-b-D-glucopyranose
- N-Azidoacetylglucosamine tetraacylated

[98924-81-3] C<sub>16</sub>H<sub>22</sub>N<sub>4</sub>O<sub>10</sub> 430.37

MA46003

10mg	\$150.00
25mg	\$250.00
50mg	\$400.00

**1,3,4,6-Tetra-O-acetyl-N-azidoacetylmannosamine**

• ManNAz tetraacetate

[361154-30-5] C<sub>16</sub>H<sub>22</sub>N<sub>4</sub>O<sub>10</sub> 430.37

MA46004

1mg	\$55.00
2mg	\$90.00
5mg	\$140.00

**2,4,7,8-Tetra-O-acetyl-9-azido-9-deoxy-N-acetylneuraminic acid methyl ester**[219814-64-9] C<sub>20</sub>H<sub>28</sub>N<sub>4</sub>O<sub>12</sub> 516.46

MT76692

Price On Application



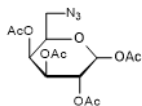
## Tetraacetyla

## 1,2,3,4-Tetra-O-acetyl-6-azido-6-deoxy-D-galactopyranose

[629620-22-0] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT32538

100mg	\$350.00
250mg	\$650.00
500mg	\$975.00

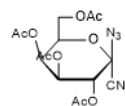


## 2,3,4,6-Tetra-O-acetyl-1-azido-1-deoxy-a-D-galactopyranosyl cyanide

[168567-90-6] C<sub>15</sub>H<sub>19</sub>N<sub>4</sub>O<sub>9</sub> 398.32

MT00727

100mg	\$158.00
250mg	\$290.00
500mg	\$500.00

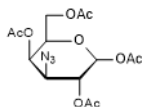


## 1,2,4,6-Tetra-O-acetyl-3-azido-3-deoxy-D-galactopyranose

[155417-78-0] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT29701

50mg	\$131.50
100mg	\$200.00
250mg	\$395.00

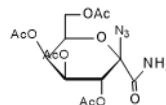


## C-(2,3,4,6-Tetra-O-acetyl-1-azido-1-deoxy-a-D-galactopyranosyl)formamide

[180904-09-0] C<sub>15</sub>H<sub>20</sub>N<sub>4</sub>O<sub>10</sub> 416.34

MT06610

250mg	\$157.50
500mg	\$265.00
1g	\$420.00

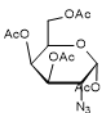


## 1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-a-D-galactopyranose

[67817-30-5] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT07044

100mg	\$55.00
250mg	\$95.00
500mg	\$160.00



## 1,2,3,4-Tetra-O-acetyl-6-azido-6-deoxy-a-D-glucopyranose

[51642-43-4] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT03798

10mg	\$65.00
25mg	\$125.00
50mg	\$230.00

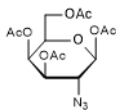


## 1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-b-D-galactopyranose

[68733-19-7] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT45203

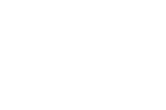
100mg	\$80.00
250mg	\$150.00
500mg	\$250.00



## 1,2,4,6-Tetra-O-acetyl-3-azido-3-deoxy-D-glucopyranose

MT61744

500mg	\$300.00
1g	\$500.00
2g	\$800.00

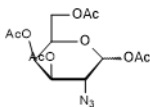


## 1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-D-galactopyranose

[84278-00-2] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT04602

100mg	\$75.00
250mg	\$125.00
500mg	\$195.00

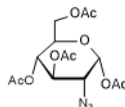


## 1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-a-D-glucopyranose

[56883-33-1] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT06849

1g	\$625.00
2g	\$1100.00
5g	\$2050.00



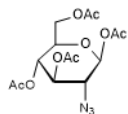
**1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-b-D-glucopyranose**

• 2-Azido-b-D-glucose tetraacetate

[80321-89-7] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

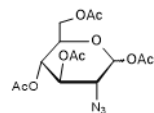
MT06641

50mg	\$85.00
100mg	\$150.00
250mg	\$250.00

**1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-D-glucopyranose**[171032-74-9] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT06207

500mg	\$70.00
1g	\$125.00
2g	\$210.00

**1,2,3,6-Tetra-O-acetyl-4-azido-4-deoxy-b-D-glucose**

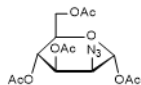
MT106336

1g	\$900.00
2g	\$1500.00
5g	\$2900.00

**1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-a-D-mannopyranose**[68733-20-0] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

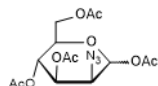
MT07137

100mg	\$65.00
250mg	\$125.00
500mg	\$200.00

**1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-D-mannopyranose**C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

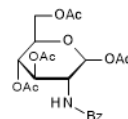
MT07145

Price On Application

**1,3,4,6-Tetra-O-acetyl-2-benzoylamino-2-deoxy-D-glucopyranoside**[14086-92-1] C<sub>21</sub>H<sub>25</sub>NO<sub>10</sub> 451.42

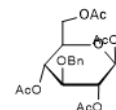
MT31352

10g	\$630.00
25g	\$1050.00

**1,2,4,6-Tetra-O-acetyl-3-O-benzyl-b-D-glucopyranose**[39686-94-7] C<sub>21</sub>H<sub>26</sub>O<sub>10</sub> 438.43

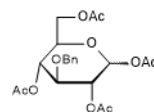
MT07126

1g	\$110.00
2g	\$200.00
5g	\$375.00

**1,2,4,6-Tetra-O-acetyl-3-O-benzyl-D-glucopyranose**[139563-66-9][39686-94-7] C<sub>21</sub>H<sub>26</sub>O<sub>10</sub> 438.43

MT06932

1g	\$189.00
2g	\$315.00
5g	\$420.00

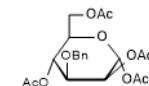
**1,2,4,6-Tetra-O-acetyl-3-O-benzyl-a-D-mannopyranose**

• 3-O-Benzyl-1,2,4,6-tetra-O-acetyl-a-D-mannopyranose

[65827-58-9] C<sub>21</sub>H<sub>26</sub>O<sub>10</sub> 438.43

MT04639

250mg	\$262.50
500mg	\$420.00
1g	\$630.00



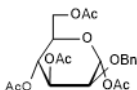
## Tetraacetyl

**1,3,4,6-Tetra-O-acetyl-2-O-benzyl-a-D-mannopyranose**

• 2-O-Benzyl-1,3,4,6-tetra-O-acetyl-a-D-mannopyranose

[80779-87-9] C<sub>21</sub>H<sub>26</sub>O<sub>10</sub> 438.43

MT04635

250mg \$262.50  
500mg \$475.00  
1g \$787.50**2,3,4,6-Tetra-O-acetyl-1-bromo-1-deoxy-b-D-galactopyranosyl cyanide**[83497-42-1] C<sub>15</sub>H<sub>18</sub>BrNO<sub>9</sub> 438.3

MT00725

Price On Application

**C-(2,3,4,6-Tetra-O-acetyl-1-bromo-1-deoxy-b-D-galactopyranosyl)formamide**[159895-07-5] C<sub>15</sub>H<sub>20</sub>BrNO<sub>10</sub> 456.3

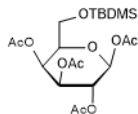
MT00722

Price On Application

**1,2,3,4-Tetra-O-acetyl-6-O-(tert-butylidimethylsilyl)-b-D-galactopyranose**C<sub>20</sub>H<sub>34</sub>O<sub>10</sub>Si 462.57

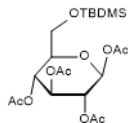
MT08815

Price On Application

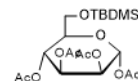
**1,2,3,4-Tetra-O-acetyl-6-O-(tert-butylidimethylsilyl)-b-D-glucopyranose**C<sub>20</sub>H<sub>34</sub>O<sub>10</sub>Si 462.57

MT08816

Price On Application

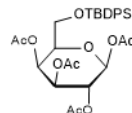
**1,2,3,4-Tetra-O-acetyl-6-O-(tert-butylidimethylsilyl)-a-D-mannopyranose**C<sub>20</sub>H<sub>34</sub>O<sub>10</sub>Si 462.57

MT08817

10g \$1950.00  
25g \$2625.00  
50g \$4750.00**1,2,3,4-Tetra-O-acetyl-6-O-(tert-butylidiphenylsilyl)-b-D-galactopyranose**C<sub>20</sub>H<sub>34</sub>O<sub>10</sub>Si 462.56

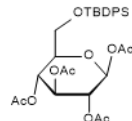
MT08818

Price On Application

**1,2,3,4-Tetra-O-acetyl-6-O-(tert-butylidiphenylsilyl)-b-D-glucopyranose**C<sub>30</sub>H<sub>38</sub>O<sub>10</sub>Si 586.72

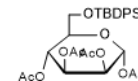
MT08819

Price On Application

**1,2,3,4-Tetra-O-acetyl-6-O-(tert-butylidiphenylsilyl)-a-D-mannopyranose**C<sub>30</sub>H<sub>38</sub>O<sub>10</sub>Si 586.72

MT08820

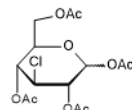
Price On Application

**1,2,4,6-Tetra-O-acetyl-3-chloro-3-deoxy-D-glucopyranose**

• 3-Chloro-3-deoxy-1,2,4,6-tetra-O-acetyl-D-glucopyranose

[104013-04-9] C<sub>14</sub>H<sub>19</sub>ClO<sub>9</sub> 366.75

MT06798

250mg \$315.00  
500mg \$525.00  
1g \$840.00

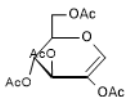
**2,3,4,6-Tetra-O-acetyl-1-(2-chloroethyl)-a-D-mannopyranoside**see *2-Chloroethyl-2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside, MC05415* on page 145**2,3,4,6-Tetra-O-acetyl-1-deoxy-D-arabino-hex-1-enopyranose**

- 2,3,4,6-Tetra-O-acetyl-2-hydroxy-D-glucal
- 1-Deoxy-D-gluco-hex-1-enopyranose tetraacetate

[3366-47-0] C<sub>14</sub>H<sub>18</sub>O<sub>9</sub> 330.29

MT00700

250mg	\$95.00
500mg	\$180.00
1g	\$300.00

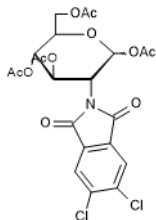


Refs: Morrison GC, Cetenko WA, Shavel Jr J. J. Org. Chem. 1967, Vol32, p2368

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-(4,5-dichlorophthalimido)-D-glucopyranose**[308796-43-2] C<sub>22</sub>H<sub>21</sub>Cl<sub>2</sub>NO<sub>11</sub> 546.31

MT05011

250mg	\$157.50
500mg	\$265.00
1g	\$420.00

**1,3,4,6-Tetraacetyl-2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-a-D-glucopyranose**see *1,3,4,6-Tetra-O-acetyl-2-deoxy-2-N-phthalimido-a-D-glucopyranose, MT139118* on page 521**2,3,4,6-tetra-O-acetyl-1-deoxy-1-ethynyl-a-D-glucopyranose**see *2-C-(2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl) ethyne, MT15435* on page 529**2,3,4,6-tetra-O-acetyl-1-deoxy-1-ethynyl-b-D-glucopyranose**see *2-C-(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl) ethyne, MT15436* on page 529**1,2,3,4-Tetra-O-acetyl-6-deoxy-6-fluoro-D-galactopyranose**[155488-15-6] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.29

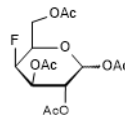
MT95222

Price On Application

**1,2,3,6-Tetra-O-acetyl-4-deoxy-4-fluoro-D-galactopyranose**[183506-73-2] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.29

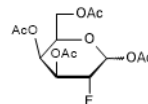
MT06800

5mg	\$99.80
10mg	\$178.50
25mg	\$289.00

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-fluoro-D-galactopyranose**[83697-45-4][35526-14-8] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.3

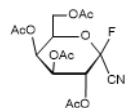
MT09518

50mg	\$85.00
100mg	\$150.00
250mg	\$275.00

**2,3,4,6-Tetra-O-acetyl-1-deoxy-1-fluoro-a-D-galactopyranosyl cyanide**[215942-62-4] C<sub>15</sub>H<sub>18</sub>FNO<sub>9</sub> 375.3

MT05426

100mg	\$315.00
250mg	\$657.50
500mg	\$1155.00

**1,2,3,4-Tetra-O-acetyl-6-deoxy-6-fluoro-a-D-glucopyranose**[33557-28-7] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.29

MT96597

Price On Application



## Tetraacetyl

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-fluoro-D-glucopyranose**

• 2-Fluoro-2-deoxy-b-D-glucopyranose tetraacetate

[31077-89-1][141395-48-4] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.29

MT05327

10mg	\$45.00
25mg	\$95.00
50mg	\$150.00

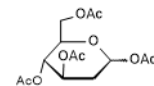
**1,3,4,6-Tetra-O-acetyl-2-deoxy-D-glucopyranose**

• 1,3,4,6-Tetra-O-acetyl-D-arabino-hexopyranose

[69515-91-9] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

MT05325

500mg	\$150.00
1g	\$220.50
2g	\$367.50



Refs: Reinhold U, Ugurel S, Tilgen W, Kadiata MM, et al, Oncology Rep. 2000, Sep-Oct, 7(5), p1093-7

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-fluoro-D-mannopyranose**

Price On Application

MT09524

**1,2,4,6-Tetra-O-acetyl-3-deoxy-D-galactose**C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

MT13774

5mg	\$60.00
10mg	\$100.00
25mg	\$200.00

**1,2,3,4-Tetra-O-acetyl-6-deoxy-6-fluoro-D-glucopyranose**[31337-78-7] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.29

MT94303

Price On Application

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-iodo-b-D-galactopyranose**[141510-66-9] C<sub>14</sub>H<sub>19</sub>IO<sub>9</sub> 458.2

MT45808

50mg	\$250.00
100mg	\$350.00
250mg	\$625.00

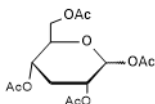
**1,2,4,6-Tetra-O-acetyl-3-deoxy-D-glucopyranose**

• 3-Deoxy-1,2,4,6-tetra-O-acetyl-D-glucopyranose

[5040-09-5] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

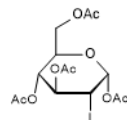
MT04656

10mg	\$50.00
25mg	\$75.00
50mg	\$100.00

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-iodo-a-D-glucopyranose**[95672-63-2] C<sub>14</sub>H<sub>19</sub>IO<sub>9</sub> 458.2

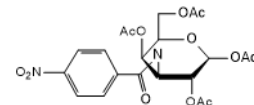
MT10328

50mg	\$118.50
100mg	\$210.00
250mg	\$342.50

**1,2,4,6-Tetra-O-acetyl-3-deoxy-3-N-(4-nitrobenzamido)-D-galactopyranose**[947590-43-4] C<sub>21</sub>H<sub>24</sub>N<sub>2</sub>O<sub>12</sub> 496.42

MT45875

500mg \$4000.00

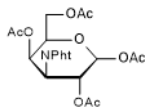




**1,2,4,6-Tetra-O-acetyl-3-deoxy-3-phthalimido-D-galactopyranoside**C<sub>22</sub>H<sub>23</sub>NO<sub>11</sub> 477.42

MT45635

250mg	\$75.00
500mg	\$125.00
1g	\$220.00

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-N-phthalimido-a-D-glucopyranose**

• 1,3,4,6-Tetraacetyl-2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-a-D-glucopyranose

[31505-44-9] C<sub>22</sub>H<sub>23</sub>NO<sub>11</sub> 477.42

MT139118

Price On Application

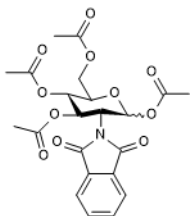
**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-N-phthalimido-D-glucopyranose**

• 2-Deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-D-glucopyranose 1,3,4,6-tetraacetate

[79733-86-1] C<sub>22</sub>H<sub>23</sub>NO<sub>11</sub> 477.42

MT16673

1g	\$50.00
2g	\$90.00
5g	\$150.00

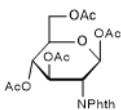
**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside**

• 2-Deoxy-2-N-phthalimido-1,3,4,6-tetra-O-acetyl-b-D-glucopyranose

[10022-13-6] C<sub>22</sub>H<sub>23</sub>NO<sub>11</sub> 477.42

MT02699

5g	\$50.00
10g	\$85.00
25g	\$160.00

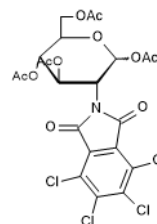


Refs: Am. Chem. Soc. Sym. Ser, 1976, 39, p190

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-(tetrachlorophthalamido)-D-glucopyranose**[174356-26-4] C<sub>22</sub>H<sub>19</sub>Cl<sub>4</sub>NO<sub>11</sub> 615.2

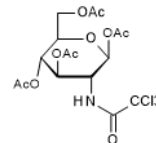
MT05029

50mg	\$89.50
100mg	\$168.00
250mg	\$262.50

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-trichloroacetamido-b-D-glucopyranose**C<sub>16</sub>H<sub>20</sub>Cl<sub>3</sub>NO<sub>10</sub> 492.69

MT12197

100mg	\$79.00
250mg	\$132.50
500mg	\$225.00

**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-trichloroacetamido-D-glucopyranose**

Price On Application

MT12103

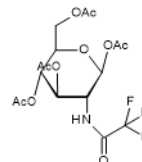
**1,3,4,6-Tetra-O-acetyl-2-deoxy-2-trifluoroacetamido-D-glucopyranose**

• Acetic acid 2,5-diacetoxy-6-acetomethyl-3-(2,2,2-trifluoro-acetyl-amino)-tetrahydro-pyran-4-yl ester

[7139-63-1] C<sub>16</sub>H<sub>20</sub>F<sub>3</sub>NO<sub>10</sub> 443.33

MT07375

250mg	\$125.00
500mg	\$200.00
1g	\$350.00



## Tetraacetyl

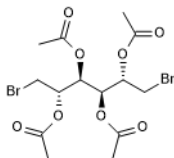
**2,3,4,5-Tetra-O-acetyl-1,6-dibromo-1,6-dideoxy-D-mannitol**

• 1,6-Dibromo-1,6-dideoxy-D-mannitol 2,3,4,5-tetraacetate

[15410-49-8] C<sub>14</sub>H<sub>20</sub>Br<sub>2</sub>O<sub>8</sub> 476.11

MT16865

100mg	\$112.00
250mg	\$202.50
500mg	\$370.00

**3,2',3',4'-Tetra-O-acetyl-6,6'-di-O-tert-butylidimethylsilyl-lactal**

[308103-46-0]

MT04305

Price On Application

**3,2',3',4'-Tetra-O-acetyl-6,6'-di-O-tert-butylidiphenylsilyl-lactal**

[308103-45-9]

MT05710

Price On Application

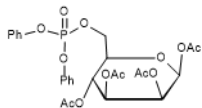
**1,2,3,4-Tetra-O-acetyl-6,7-dideoxy-L-galacto-hept-6-ynopyranose**

see 1,2,3,4-Tetra-O-acetyl-5-alkynyl-L-fucose, MT59558 on page 513

**1,2,3,4-Tetra-O-acetyl-6-diphenylphosphoryl-b-D-mannopyranose**[108321-48-8] C<sub>26</sub>H<sub>28</sub>O<sub>13</sub>P 580.47

MT04857

500mg	\$750.00
1g	\$1300.00
2g	\$1750.00

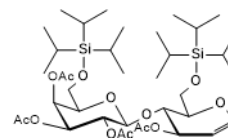


Refs: Lang L, et al, J. Biol. Chem. 1984, p259

**3,2',3',4'-Tetra-O-acetyl-6,6'-di-O-triisopropylsilyl-lactal**C<sub>38</sub>H<sub>68</sub>O<sub>13</sub>Si<sub>2</sub> 789.11

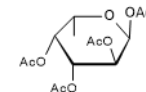
MT04294

Price On Application

**1,2,3,4-Tetra-O-acetyl-a-L-fucopyranose**[64913-16-2] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

MT05239

500mg	\$30.00
1g	\$52.00
2g	\$96.00



Refs: Alhassan A-B, Norris P, Zeller M, Acta Crystallogr. Sect. E 2005, E61, 3668-3669

**1,2,3,4-Tetra-O-acetyl-b-L-fucopyranose**[50615-78-6] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

MT02259

5g	\$157.50
10g	\$262.50
25g	\$472.50

**1,2,3,4-Tetra-O-acetyl-D-fucopyranose**

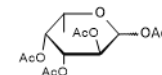
MT02006

Price On Application

**1,2,3,4-Tetra-O-acetyl-L-fucopyranose**[24332-95-4] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

MT00481

2g	\$89.30
5g	\$189.00
10g	\$315.00

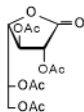


Refs: Trang T, Nguyen M, Gross PH, Franz AH, Arkivoc 2005 (iv) 110-128

**2,3,5,6-Tetra-O-acetyl-D-galactono-1,4-lactone**[210100-08-6] C<sub>14</sub>H<sub>18</sub>O<sub>10</sub> 346.29

MT35510

Price On Application

**1,2,3,4-Tetra-O-acetyl-D-galactopyranose**

• D-Galactopyranose, 1,2,3,4-tetraacetate

[78148-86-4] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

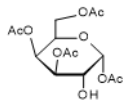
MT145586

25g	\$250.00
50g	\$400.00
100g	\$600.00

**1,3,4,6-Tetra-O-acetyl-α-D-galactopyranose**[19186-40-4] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT06662

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

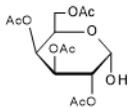


Refs: Kovac P, Carbohydr. Res. 1993, Jul 19, 245(2), 219-31

**2,3,4,6-Tetra-O-acetyl-α-D-galactopyranose**[22554-70-7] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT05132

250mg	\$105.00
500mg	\$185.00
1g	\$336.00

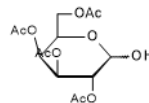


Refs: Azoulay M, Escriou V, Florent JC, Monneret C, J. Carbohydr. Chem, 2001, 20, 9, p841

**2,3,4,6-Tetra-O-acetyl-D-galactopyranose**[47339-09-3] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

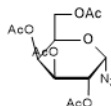
MT01064

500mg	\$145.00
1g	\$250.00
2g	\$470.00

**2,3,4,6-Tetra-O-acetyl-α-D-galactopyranosyl azide**[94427-00-6] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT04061

500mg	\$105.00
1g	\$157.50
2g	\$262.50

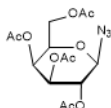
**2,3,4,6-Tetra-O-acetyl-β-D-galactopyranosyl azide**

- 1-Azido-1-deoxy-β-D-galactopyranoside tetraacetate
- β-D-Galactopyranosyl azide tetraacetate

[13992-26-2] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

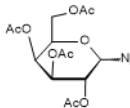
MT06612

500mg	\$65.00
1g	\$100.00
2g	\$190.00

**2,3,4,6-Tetra-O-acetyl-D-galactopyranosyl azide**C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT07142

Price On Application



## Tetraacetyl

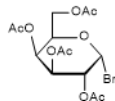
**2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide**

- a-D-Acetobromogalactose
- 1-Bromo-2,3,4,6-tetra-O-acetyl-a-D-galactopyranose
- a-Acetobromo-D-galactose

[3068-32-4] C<sub>14</sub>H<sub>19</sub>BrO<sub>9</sub> 411.2

MT01060

10g \$55.00  
25g \$80.00  
50g \$145.00



Refs: Matta KL, Barlow JJ, Carbohydr. Res. 1976, 48, p65-71

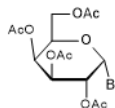
**2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide - 2% CaCO<sub>3</sub>**

- a-D-acetobromogalactose 2% CaCO<sub>3</sub>
- 1-Bromo-2,3,4,6-tetra-O-acetyl-a-D-galactopyranose 2% CaCO<sub>3</sub>
- a-Acetobromogalactose 2% CaCO<sub>3</sub>

[3068-32-4] C<sub>14</sub>H<sub>19</sub>BrO<sub>9</sub> 411.2

MT07014

10g \$55.00  
25g \$95.00  
50g \$175.00



Refs: Matta KL, Barlow JJ, Carbohydr. Res. 1976, 48, p65-71

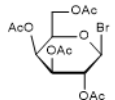
**2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl bromide**

- 1-Bromo-2,3,4,6-tetra-O-acetyl-b-D-galactopyranose

[19285-38-2] C<sub>14</sub>H<sub>19</sub>BrO<sub>9</sub> 411.2

MT02267

Price On Application

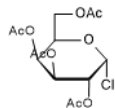
**2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl chloride**

- 1-Chloro-2,3,4,6-tetra-O-acetyl-a-D-galactopyranose

[14227-87-3] C<sub>14</sub>H<sub>19</sub>ClO<sub>9</sub> 366.75

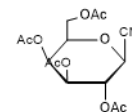
MT04396

1g \$131.30  
2g \$210.00  
5g \$420.00

**2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl cyanide**[52443-07-9] C<sub>15</sub>H<sub>19</sub>NO<sub>9</sub> 357.31

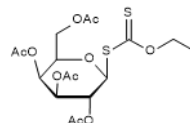
MT06615

500mg \$135.00  
1g \$189.00  
2g \$340.00

**2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl ethylxanthate**C<sub>17</sub>H<sub>24</sub>O<sub>10</sub>S<sub>2</sub> 452.5

MT08821

Price On Application

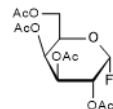
**2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl fluoride**

- Acetofluoro-a-D-galactose

[4163-44-4] C<sub>14</sub>H<sub>19</sub>O<sub>9</sub>F 350.29

MT05037

100mg \$85.00  
250mg \$187.50  
500mg \$350.00

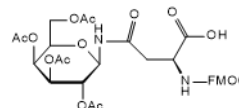


Refs: Caddick S, Motherwell WB, Wilkinson JA, J. Chem. Soc. Commun, 1991, p674; Ernst B, Winkler T, Tetrahedron Lett, 1989, 30, p3081; Szarek WA, Gryniewicz G, Doboszewski B, Hay GW, Chem. Lett, 1984, p1751

**2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl-(N2-Fmoc)-L-Asparagine**[467465-78-7] C<sub>33</sub>H<sub>36</sub>N<sub>2</sub>O<sub>14</sub> 684.65

MT04238

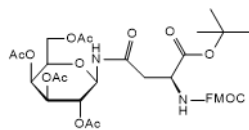
Price On Application



**2,3,4,6-Tetra-O-acetyl-β-D-galactopyranosyl-(N2-Fmoc)-L-Asparagine tert-butyl ester**[467465-72-1] C<sub>37</sub>H<sub>44</sub>N<sub>2</sub>O<sub>14</sub> 740.75

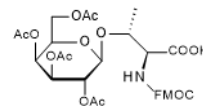
MT04266

Price On Application

**2,3,4,6-Tetra-O-acetyl-β-D-galactopyranosyl-(N2-Fmoc)-L-threonine**[127656-85-3] C<sub>33</sub>H<sub>37</sub>NO<sub>14</sub> 671.65

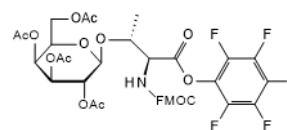
MT04332

Price On Application

**2,3,4,6-Tetra-O-acetyl-β-D-galactopyranosyl-N-Fmoc-L-threonine pentafluorophenyl ester**[182369-92-2] C<sub>39</sub>F<sub>5</sub>H<sub>36</sub>NO<sub>14</sub> 837.71

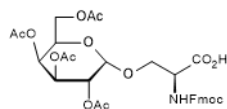
MT06084

Price On Application

**2,3,4,6-Tetra-O-acetyl-α-D-galactopyranosyl-Fmoc serine**C<sub>32</sub>H<sub>35</sub>NO<sub>14</sub> 657.62

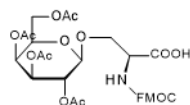
MT09625

25mg	\$262.50
50mg	\$420.00
100mg	\$798.00

**2,3,4,6-Tetra-O-acetyl-β-D-galactopyranosyl-(N2-Fmoc)-L-serine**• Fmoc-L-Ser(β-D-Gal(Ac)<sub>4</sub>)-OH[96383-44-7] C<sub>32</sub>H<sub>35</sub>NO<sub>14</sub> 657.63

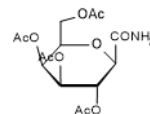
MT04262

10mg	\$160.00
25mg	\$315.00
50mg	\$500.00

**2,3,4,6-Tetra-O-acetyl-β-D-galactopyranosyl formamide**[108739-88-4] C<sub>15</sub>H<sub>21</sub>NO<sub>10</sub> 375.33

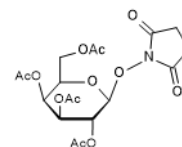
MT00731

1g	\$210.00
5g	\$525.00
10g	\$840.00

**O-(2,3,4,6-Tetra-O-acetyl-β-D-galactopyranosyl)-N-hydroxysuccinimide**C<sub>18</sub>H<sub>23</sub>NO<sub>12</sub> 445.37

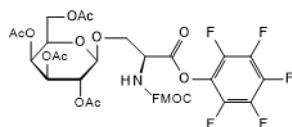
MT08627

Price On Application

**2,3,4,6-Tetra-O-acetyl-β-D-galactopyranosyl-(N2-Fmoc)-L-serine pentafluorophenyl ester**[243469-45-6] C<sub>38</sub>F<sub>5</sub>H<sub>34</sub>NO<sub>14</sub> 823.68

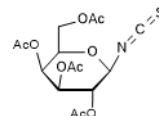
MT04267

Price On Application

**2,3,4,6-Tetra-O-acetyl-β-D-galactopyranosyl isothiocyanate**[41135-18-6] C<sub>15</sub>H<sub>19</sub>NO<sub>9</sub>S 389.38

MT08617

Price On Application

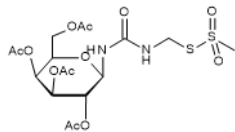


**Tetraacetyl****2,3,4,6-Tetra-O-acetyl-N-(b-D-galactopyranosyl)-N'-[(2-methanesulfonyl)ethyl]urea**

• Acetyl-MTS-5-galactose

C<sub>17</sub>H<sub>26</sub>N<sub>2</sub>O<sub>12</sub>S<sub>2</sub> 514.53

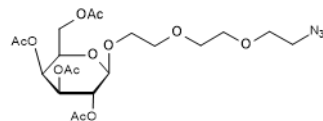
MT01191

5mg  
10mg  
25mg\$89.30  
\$168.00  
\$262.50**2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl PEG3-azide**

see 1-[2-(2-Azidoethoxy)ethoxyethyl]-2,3,4,6-tetra-O-acetyl-D-galactopyranoside, MA07052 on page 93

**2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl PEG3-azide**• 2-[2-(2-Azidoethoxy)ethoxy]ethyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside  
• b-Gal-PEG3-azide tetraacetateC<sub>20</sub>H<sub>31</sub>N<sub>3</sub>O<sub>12</sub> 505.48

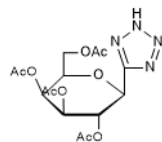
MT08604

500mg  
1g  
2g\$160.00  
\$210.00  
\$315.00**2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl PEG3-thiol**

see a-D-Galactopyranoside, 2-[2-(2-mercaptoethoxy)ethoxy]ethyl, MG61450 on page 273

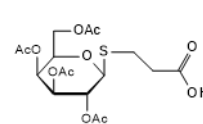
**5'-(2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl) tetrazole**[64714-42-7] C<sub>15</sub>H<sub>20</sub>N<sub>4</sub>O<sub>9</sub> 400.34

MT04664

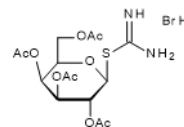
1g  
2g  
5g\$157.50  
\$210.00  
\$367.50**3-[(2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl)thio]-propanoic acid**[79360-05-7] C<sub>17</sub>H<sub>24</sub>O<sub>11</sub>S 436.43

MT04253

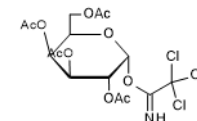
Price On Application

**2-(2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl)thiopseudourea hydrobromide**[51224-13-6] C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>9</sub>S·HBr 487.32

MT06803

500mg  
1g  
2g\$85.00  
\$165.00  
\$320.00**2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl trichloroacetimidate**[86520-63-0] C<sub>16</sub>H<sub>20</sub>Cl<sub>3</sub>NO<sub>10</sub> 492.69

MT05377

500mg  
1g  
2g\$100.00  
\$178.50  
\$294.00

Refs: Sasaki K, Nishida Y, Tsurumi T, Uzawa H, Kondo H, et al, Angew Chem. Int. Ed. 2002, Vol41, Pt23, p4463-4467

**1,2,3,4-Tetra-O-acetyl-a-D-galacturonic acid**

MT31389

Price On Application

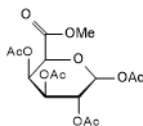


**1,2,3,4-Tetra-O-acetyl-D-galacturonic acid methyl ester**

[40269-24-7]

MT31390

5g	\$1000.00
10g	\$1560.00
25g	\$2275.00

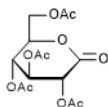
**2,3,4,6-Tetra-O-acetyl-D-gluconolactone**

[61259-48-1]

C<sub>14</sub>H<sub>18</sub>O<sub>10</sub> 346.29

MT45176

Price On Application

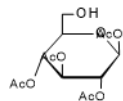
**1,2,3,4-Tetra-O-acetyl-b-D-glucopyranose**

[13100-46-4]

C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT05432

1g	\$68.30
2g	\$115.50
5g	\$210.00



Refs: Gorbach VI, Krasikova IN, Luk'yanov PA, Solov TF, Russ. Chem. Bull. 1987, Vol36, No9, p1957-1960

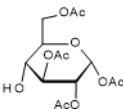
**1,2,3,6-Tetra-O-acetyl-a-D-glucopyranose**

[55286-97-0]

C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT07935

250mg	\$95.00
500mg	\$175.00
1g	\$295.00

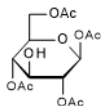
**1,2,4,6-Tetra-O-acetyl-b-D-glucopyranose**

[27086-14-2]

C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT44954

50mg	\$75.00
100mg	\$125.00
250mg	\$200.00

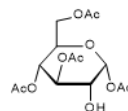
**1,3,4,6-Tetra-O-acetyl-a-D-glucopyranose**

[4292-12-0]

C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT06628

500mg	\$75.00
1g	\$125.00
2g	\$190.00



Refs: Popelova A, Kefurt K, Hlavackova M, Moravcova J, Carbohydr. Res. 2005, Jan 17, 340(1), 161-6

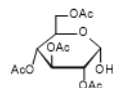
**2,3,4,6-Tetra-O-acetyl-a-D-glucopyranose**

[6207-76-7]

C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT03845

5g	\$262.50
10g	\$420.00
25g	\$919.00



Refs: Sambaiaha T, Fanwick PE, Cushman M, Synthesis, 2001, 10, p1450

**2,3,4,6-Tetra-O-acetyl-D-glucopyranose**

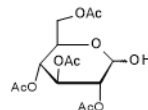
• 2,3,4,6-Tetraacetate D-glucopyranose

[3947-62-4][10343-06-3]

C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT01004

5g	\$90.00
10g	\$150.00
25g	\$312.50



Refs: Sambaiaha T, Fanwick PE, Cushman M, Synthesis 2001, p1450-1452; Sofian A, Lee C, J. Carbohydr. Chem. 2001, Vol20, Pt6, p431-440

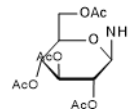
**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl amine**

[51642-81-0]

C<sub>14</sub>H<sub>21</sub>NO<sub>9</sub> 347.32

MT06149

100mg	\$90.00
250mg	\$175.00
500mg	\$250.00



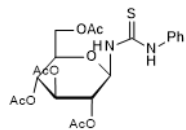
## Tetraacetylgl

## 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-N'-(2-aminophenyl)thiourea

C<sub>21</sub>H<sub>26</sub>N<sub>2</sub>O<sub>9</sub>S 482.51

MT03999

Price On Application

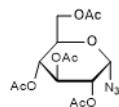


## 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl azide

[20379-61-7] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT06737

100mg	\$53.00
250mg	\$92.50
500mg	\$160.00



Refs: Temelkoff DP, Norris P, Zeller M, Acta Crystallogr. Sect. E 2004, E60, 1975-1976

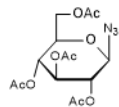
## 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl azide

• 1-Azido-1-deoxy-b-D-glucopyranoside tetraacetate

[13992-25-1] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

MT01035

500mg	\$65.00
1g	\$85.00
2g	\$150.00



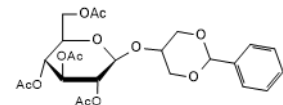
## 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl (1,3-benzylidene)glycerol

- 1,3-Benzylidene-2-(tetraacetylglucosido)glycerol
- 2-Phenyl-1,3-dioxan-5-yl b-D-galactopyranoside tetraacetate

[213264-93-8] C<sub>28</sub>H<sub>30</sub>O<sub>12</sub> 510.49

MT16867

25mg	\$120.50
50mg	\$218.50
100mg	\$397.00



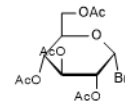
## 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide

- 1-Bromo-2,3,4,6-tetra-O-acetyl-a-D-glucopyranose
- Acetobromo-D-glucose
- a-D-Glucopyranosyl bromide-2,3,4,6-tetraacetate

[572-09-8] C<sub>14</sub>H<sub>19</sub>BrO<sub>9</sub> 411.2

MT03359

25g	\$75.00
50g	\$140.00
100g	\$250.00



Refs: Mota JF, Guzman JFB, et al, Carbohydr. Res. 1992, Vol232, No1, p47-57

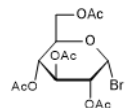
2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide - 2% CaCO<sub>3</sub>

- 1-Bromo-2,3,4,6-tetra-O-acetyl-a-D-glucopyranose
- Acetobromoglucose
- a-D-Glucopyranosyl bromide-2,3,4,6-tetraacetate

[572-09-8] C<sub>14</sub>H<sub>19</sub>BrO<sub>9</sub> 411.2

MT07013

10g	\$52.50
25g	\$89.50
50g	\$157.50



Refs: Fuentes Mota J, Fernandez-Bolanos Guzman J, Carbohydr Res, 1992, 232, 1, p47

## 2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl chloride

[4451-35-8] C<sub>14</sub>H<sub>19</sub>ClO<sub>9</sub> 366.8

MT02269

500mg	\$160.00
1g	\$262.50
2g	\$420.00



## 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl chloride

[4451-36-9] C<sub>14</sub>H<sub>19</sub>ClO<sub>9</sub> 366.8

MT02261

500mg	\$200.00
1g	\$320.00
2g	\$450.00

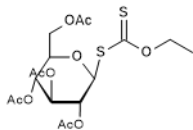




**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl ethylxanthate**[13639-54-8] C<sub>17</sub>H<sub>24</sub>O<sub>10</sub>S<sub>2</sub> 452.5

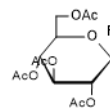
MT07370

1g	\$210.00
2g	\$380.00
5g	\$850.00

**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl fluoride**[2823-46-3] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.29

MT05014

100mg	\$58.00
250mg	\$100.00
500mg	\$160.00

**2-C-(2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl) ethyne**

- 2,3,4,6-tetra-O-acetyl-1-deoxy-1-ethynyl-a-D-glucopyranose
- D-glycero-L-gulo-oct-7-ynitol, 2,6-anhydro-7,8-dideoxy-, 1,3,4,5-tetraacetate

[1236069-71-8] C<sub>16</sub>H<sub>20</sub>O<sub>9</sub> 356.32

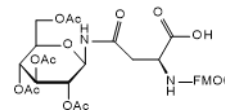
MT15435

1g	\$1260.00
2g	\$2100.00
5g	\$3412.50

**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-(N2-Fmoc)-L-Asparagine**[154395-64-9] C<sub>33</sub>H<sub>36</sub>N<sub>2</sub>O<sub>14</sub> 684.65

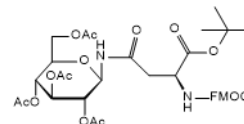
MT04232

Price On Application

**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-(N2-Fmoc)-L-asparagine tert-butyl ester**[160416-17-1] C<sub>37</sub>H<sub>44</sub>N<sub>2</sub>O<sub>14</sub> 740.75

MT04346

Price On Application

**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-Fmoc-L-serine**

see 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-Fmoc serine, MT04344 on page 529

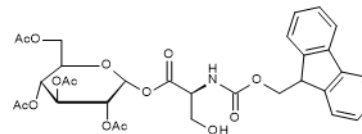
**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-Fmoc serine**

- 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-Fmoc-L-serine

[118358-38-6] C<sub>32</sub>H<sub>35</sub>NO<sub>14</sub> 657.63

MT04344

25mg	\$315.00
50mg	\$525.00
100mg	\$945.00

**2-C-(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl) ethyne**

- 2,3,4,6-tetra-O-acetyl-1-deoxy-1-ethynyl-b-D-glucopyranose

[168105-32-6] C<sub>16</sub>H<sub>20</sub>O<sub>9</sub> 356.32

MT15436

1g	\$1312.50
2g	\$2100.00
5g	\$3412.50

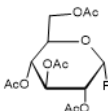
**2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl fluoride**

- Acetofluoro-a-D-glucose

[3934-29-0] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.29

MT06144

1g	\$85.00
2g	\$150.00
5g	\$275.00

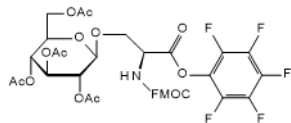


Refs: Hayashi M, Hashimoto S, Noyori R, Chem. Lett. 1884, p1747

**Tetraacetylgl****2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-N-Fmoc-L-serine pentafluorophenyl ester**[478062-63-4] C<sub>38</sub>F<sub>5</sub>H<sub>34</sub>NO<sub>14</sub> 823.68

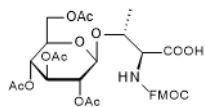
Price On Application

MT04348

**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-N-Fmoc-L-threonine**[130548-92-4] C<sub>33</sub>H<sub>37</sub>NO<sub>14</sub> 671.66

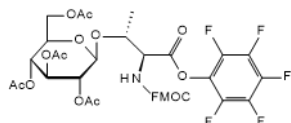
Price On Application

MT04339

**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-N-Fmoc-L-threonine pentafluorophenyl ester**C<sub>39</sub>F<sub>5</sub>H<sub>36</sub>NO<sub>14</sub> 837.71

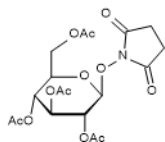
Price On Application

MT05277

**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl glycerol**see *b-Glucosylglycerol 2,3,4,6-tetraacetate*, MG16738 on page 300**O-(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl)-N-hydroxysuccinimide**C<sub>18</sub>H<sub>23</sub>NO<sub>12</sub> 445.37

Price On Application

MT08626

**1-(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl)imidazole**

[38953-70-7]

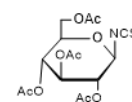
MT31831

Price On Application

**2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl isothiocyanate**[14152-97-7] C<sub>15</sub>H<sub>19</sub>NO<sub>3</sub>S 389.38

MT05220

100mg	\$85.00
250mg	\$150.00
500mg	\$225.00



Refs: Kinoshita T, et al, J. Chromatogr. 1980, 202, 375; Beil. 18, V, 1153

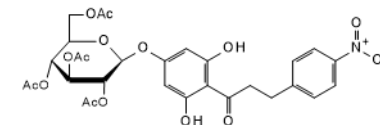
**4'-O-(b-D-2'',3'',4'',6''-Tetra-O-acetyl-glucopyranosyl)-4-nitrophenetin**

• 1-[2,6-Dihydroxy-4-[[2,3,4,6-tetra-O-acetyl-b-D-glucopyranosyl)oxy]phenyl]-3-(4-nitrophenyl)-1-propanone

[82628-87-3] C<sub>29</sub>H<sub>31</sub>NO<sub>15</sub> 633.55

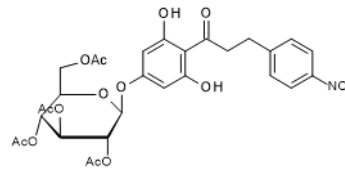
MT16861

2mg	\$104.90
5mg	\$190.80
10mg	\$346.90

**4'-O-(b-D-2,3,4,6-Tetra-O-acetyl-glucopyranosyl)-4-nitrophenetin**C<sub>29</sub>H<sub>31</sub>NO<sub>15</sub> 633.55

MT06130

2mg	\$89.30
5mg	\$157.50
10mg	\$262.50

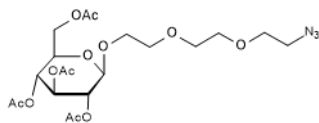
**2-(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyloxy)isobutyronitrile**see *2,3,4,6-Tetra-O-acetyl linamarin*, MT07368 on page 533

T

**2,3,4,6-Tetra-O-acetyl- $\beta$ -D-glucopyranosyl PEG3-azide**C<sub>20</sub>H<sub>31</sub>N<sub>3</sub>O<sub>12</sub> 505.48

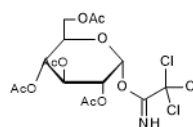
MT08605

100mg	\$60.00
250mg	\$100.00
500mg	\$160.00

**2,3,4,6-Tetra-O-acetyl- $\alpha$ -D-glucopyranosyl trichloroacetimidate**[74808-10-9] C<sub>16</sub>H<sub>20</sub>Cl<sub>3</sub>NO<sub>10</sub> 492.69

MT04863

25mg	\$60.00
50mg	\$100.00
100mg	\$185.00

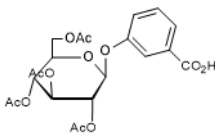


Refs: van Dorst JALM, van Heusden CJ, Voskamp AF, et al, Carbohydr. Res. 1996, Vol291, p63-83

**2,3,4,6-Tetra-O-acetyl- $\beta$ -D-glucopyranosyl salicylate**[32748-59-7] C<sub>21</sub>H<sub>24</sub>O<sub>12</sub> 468.41

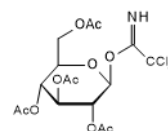
MT04861

1g	\$375.00
2g	\$585.00
5g	\$910.00

**2,3,4,6-Tetra-O-acetyl- $\beta$ -D-glucopyranosyl trichloroacetimidate**[92052-29-4] C<sub>16</sub>H<sub>20</sub>Cl<sub>3</sub>NO<sub>10</sub> 492.69

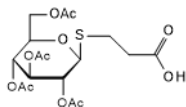
MT10320

1g	\$175.00
2g	\$290.00
5g	\$575.00

**3-([2,3,4,6-Tetra-O-acetyl- $\beta$ -D-glucopyranosyl]thio)-propanoic acid**[3254-10-2] C<sub>17</sub>H<sub>24</sub>O<sub>11</sub>S 436.43

MT01467

Price On Application

**2-([2,3,4,6-Tetra-O-acetyl- $\beta$ -D-glucopyranosyl]thiopseudoourea hydrobromide**[40591-65-9] C<sub>15</sub>H<sub>23</sub>BrN<sub>2</sub>O<sub>9</sub>S 487.32

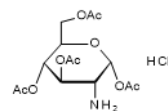
MT34866

1g	\$195.00
2g	\$290.00
5g	\$475.00

**1,3,4,6-Tetra-O-acetyl- $\alpha$ -D-glucosamine HCl**• 1,3,4,6-Tetra-O-acetyl-2-amino-2-deoxy- $\alpha$ -D-glucopyranose hydrochloride[10034-20-5][26108-75-8][10034-19-2] C<sub>14</sub>H<sub>21</sub>NO<sub>9</sub>·HCl 383.78

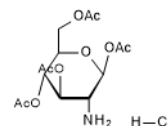
MT05394

1g	\$57.00
2g	\$105.00
5g	\$225.00

**1,3,4,6-Tetra-O-acetyl- $\beta$ -D-glucosamine HCl**• 1,3,4,6-Tetra-O-acetyl-2-amino-2-deoxy- $\beta$ -D-glucopyranose HCl[10034-20-5] C<sub>14</sub>H<sub>21</sub>NO<sub>9</sub>·HCl 383.78

MT07376

5g	\$55.00
10g	\$95.00
25g	\$185.00



Refs: Becker C, Hoben C, Kunz H, , Advanced Synthesis &amp; Catalysis, 2007, 349, 3, p417

**2-(Tetraacetylglucosido)glycerol**see *b-Glucosylglycerol 2,3,4,6-tetraacetate*, MG16738 on page 300**1,2,3,4-Tetra-O-acetyl- $\beta$ -D-glucuronic acid**see *1,2,3,4-Tetra-O-acetyl-beta-D-glucuronide*, MT07369 on page 532

## Tetraacetylgl

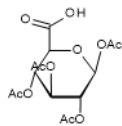
## 1,2,3,4-Tetra-O-acetyl-b-D-glucuronide

- 1,2,3,4-Tetra-O-acetyl-b-D-glucuronic acid

[62133-77-1] C<sub>14</sub>H<sub>18</sub>O<sub>11</sub> 362.29

MT07369

100mg	\$45.00
250mg	\$87.50
500mg	\$120.00



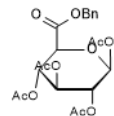
## 1,2,3,4-Tetra-O-acetyl-b-D-glucuronide benzyl ester

- Benzyl (1,2,3,4-tetra-O-acetyl-b-D-glucopyranosyl)uronate

[184874-53-1] C<sub>21</sub>H<sub>24</sub>O<sub>11</sub> 452.42

MT08106

Price On Application



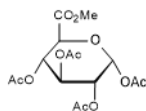
## 1,2,3,4-Tetra-O-acetyl-a-D-glucuronide methyl ester

- Methyl 1,2,3,4-tetra-O-acetyl-a-D-glucopyranuronate

[5432-32-6] C<sub>15</sub>H<sub>20</sub>O<sub>11</sub> 376.31

MT01646

Price On Application



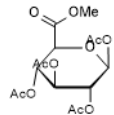
## 1,2,3,4-Tetra-O-acetyl-b-D-glucuronide methyl ester

- Methyl 1,2,3,4-tetra-O-acetyl-b-D-glucopyranuronate
- Methyl(1,2,3,4-tetra-O-acetyl-b-D-glucopyranoside)uronate

[7355-18-2] C<sub>15</sub>H<sub>20</sub>O<sub>11</sub> 376.31

MT06631

5g	\$75.00
10g	\$140.00
25g	\$300.00



Refs: Ramu K, Baker JK, J. Med. Chem. 1995, 38, p1911-1921

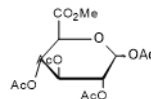
## 1,2,3,4-Tetra-O-acetyl-D-glucuronide methyl ester

- Methyl 1,2,3,4-tetra-O-acetyl-D-glucopyranosiduronate
- Methyl 1,2,3,4-tetra-O-acetyl-D-glucopyranuronate

[3082-96-0] C<sub>15</sub>H<sub>20</sub>O<sub>11</sub> 376.31

MT04862

5g	\$75.00
10g	\$140.00
25g	\$300.00



## 1,2,3,4-Tetra-O-acetyl-D-[6-13C]glucuronide methyl ester

376.31

MT08063

Price On Application

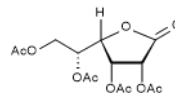


## 2,3,5,6-Tetra-O-acetyl-D-gulonic acid -1,4-lactone

[136345-68-1] C<sub>14</sub>H<sub>18</sub>O<sub>10</sub> 346.29

MT10446

2g	\$94.50
5g	\$183.80
10g	\$315.00

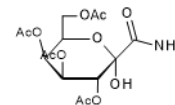


## C-(2,3,4,6-Tetra-O-acetyl-1-hydroxy-b-D-galactopyranosyl)formamide

[189633-60-1] C<sub>15</sub>H<sub>21</sub>NO<sub>11</sub> 391.33

MT06608

100mg	\$105.00
250mg	\$210.00
500mg	\$315.00



## 2,3,4,6-Tetra-O-acetyl-2-hydroxy-D-glucal

see 2,3,4,6-Tetra-O-acetyl-1-deoxy-D-arabino-hex-1-enopyranose, MT00700 on page 519

**2,3,4,6-Tetra-O-acetyl-4-(hydroxymethyl)phenyl-b-D-glucopyranoside**

• Acegastrodine

[64291-41-4] C<sub>21</sub>H<sub>26</sub>O<sub>11</sub> 454.42

MT15465

500mg	\$225.00
1g	\$340.00
2g	\$540.00

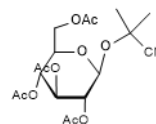
**2,3,4,6-Tetra-O-acetyl linamarin**

• 2-(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyloxy)isobutyronitrile

[66432-53-9] C<sub>18</sub>H<sub>25</sub>NO<sub>10</sub> 415.39

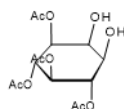
MT07368

50mg	\$100.00
100mg	\$179.00
250mg	\$395.00

**3,4,5,6-Tetra-O-acetyl-D-myo-inositol**[80953-32-8] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT04867

100mg	\$100.00
250mg	\$172.50
500mg	\$265.00

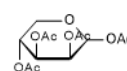


Refs: Biochem. Biophys. Res. Commun. 1998, 152, 155

**1,2,3,4-Tetra-O-acetyl-D-lyxopyranose**[151908-65-5] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.3

MT02652

Price On Application

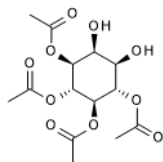
**3,4,5,6-Tetra-O-acetyl myo-inositol**

• 1,4,5,6-Tetraacetate

[90366-30-6] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT16863

100mg	\$82.00
250mg	\$150.00
500mg	\$275.00

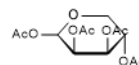


Refs: Z. Physiol. Chem, 349, 767 (1968); Biochem. Biophys. Res. Commun, 67, 85 (1975); Biochem. Biophys. Res. Commun, 152, 155 (1988).

**1,2,3,4-Tetra-O-acetyl-L-lyxopyranose**[99880-95-2] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.28

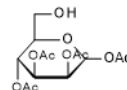
MT44864

1g	\$1100.00
2g	\$1500.00
5g	\$2000.00

**1,2,3,4-Tetra-O-acetyl-D-mannopyranose**[51008-88-9] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

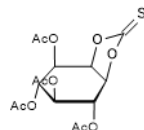
MT61729

500g	\$75.00
1g	\$100.00
2g	\$170.00

**3,4,5,6-Tetra-O-acetyl-myo-inositol-1,2-thiocarbonate**C<sub>15</sub>H<sub>18</sub>O<sub>10</sub>S 390.36

MT07367

50mg	\$94.50
100mg	\$158.00
200mg	\$222.00

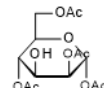


Refs: Z. Physiol. Chem, 1968, 349, p767; Biochem. Biophys. Res. Comm, 1975, 67, p85; Biochem. Biophys. Res. Comm, 1988, 152, p155

**1,2,4,6-Tetra-O-acetyl-a-D-mannopyranose**[73322-40-4] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT28961

250mg	\$310.00
500mg	\$500.00
1g	\$756.00

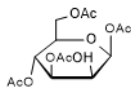


## TetraacetylIm

1,3,4,6-Tetra-O-acetyl- $\beta$ -D-mannopyranose•  $\beta$ -D-Mannopyranose 1,3,4,6-tetra-O-acetate[18968-05-3] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

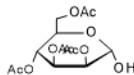
MT02170

1g	\$60.00
2g	\$90.00
5g	\$150.00

2,3,4,6-Tetra-O-acetyl- $\alpha$ -D-mannopyranose[22860-22-6] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT06687

1g	\$135.00
2g	\$210.00
5g	\$450.00



Refs: Mikamo M, et.al, Carbohydr. Res, 1989, 191, p150

2,3,4,6-Tetra-O-acetyl- $\beta$ -D-mannopyranose

[57884-82-9]

MT31835

Price On Application

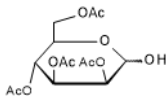


## 2,3,4,6-Tetra-O-acetyl-D-mannopyranose

[58645-20-8] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

MT04865

500mg	\$125.00
1g	\$195.00
2g	\$350.00



Refs: Bonner WA, J. Am. Chem. Soc. 1958, p3372-3379

2,3,4,6-Tetra-O-acetyl- $\alpha$ -D-mannopyranosyl azide•  $\alpha$ -D-Mannopyranosyl azide tetraacetate[53784-29-5] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

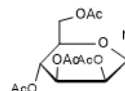
MT05058

1g	\$250.00
2g	\$390.00
5g	\$775.00

2,3,4,6-Tetra-O-acetyl- $\beta$ -D-mannopyranosyl azide•  $\beta$ -D-Mannopyranosyl azide tetraacetate[65864-60-0] C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>9</sub> 373.32

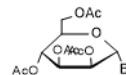
MT01037

1g	\$200.00
2g	\$315.00
5g	\$630.00

2,3,4,6-Tetra-O-acetyl- $\alpha$ -D-mannopyranosyl bromide - stabilised with 2% CaCO<sub>3</sub>[13242-53-0] C<sub>14</sub>H<sub>19</sub>BrO<sub>9</sub> 411.2

MT08777

2g	\$50.00
5g	\$100.00
10g	\$155.00

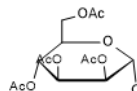
2,3,4,6-Tetra-O-acetyl- $\alpha$ -D-mannopyranosyl chloride

- 1-Chloro-2,3,4,6-tetra-O-acetyl- $\alpha$ -D-mannopyranoside
- Acetochloro- $\alpha$ -D-mannose

[14257-40-0] C<sub>14</sub>H<sub>19</sub>ClO<sub>9</sub> 366.75

MT05768

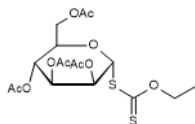
1g	\$75.00
2g	\$110.00
5g	\$175.00



**2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl ethylxanthate**C<sub>17</sub>H<sub>24</sub>O<sub>10</sub>S<sub>2</sub> 452.5

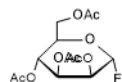
MT08822

Price On Application

**2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl fluoride**[2823-44-1] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.29

MT08257

10g	\$36.80
25g	\$68.50
50g	\$105.00



Refs: Szarek WA, Grynkiewicz G, Doboszewski B, Hay GW, Chem. Lett, 1984, p1751; Ernst B, Winkler T, Tetrahedron Lett, 1989, 30, p3081; Caddick S, Motherwell WB, Wilkinson JA, J. Chem. Soc. Chem. Commun, 1991, p674

**2,3,4,6-Tetra-O-acetyl-D-mannopyranosyl Fluoride**[174511-17-2] C<sub>14</sub>H<sub>19</sub>FO<sub>9</sub> 350.29

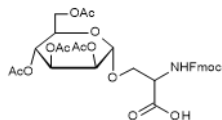
MT60584

250mg	\$56.00
500mg	\$97.00
1g	\$168.00

**2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl-Fmoc serine**[118358-80-8] C<sub>32</sub>H<sub>35</sub>NO<sub>14</sub> 657.63

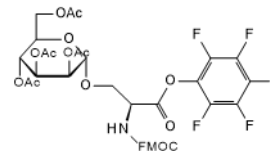
MT04350

5mg	\$145.00
10mg	\$250.00
25mg	\$395.00

**2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl-N-Fmoc-L-serine pentafluorophenyl ester**[152389-14-5] C<sub>38</sub>F<sub>5</sub>H<sub>34</sub>NO<sub>14</sub> 823.68

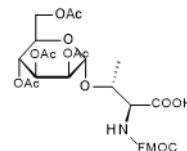
MT04343

Price On Application

**2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl-(N2-Fmoc)-L-threonine**[169219-08-3] C<sub>33</sub>H<sub>37</sub>NO<sub>14</sub> 671.66

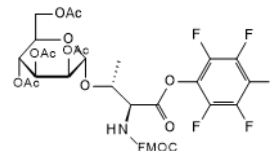
MT04334

5mg	\$157.50
10mg	\$262.50
25mg	\$420.00

**2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl-(N2-Fmoc)-L-threonine pentafluorophenyl ester**[152389-15-6] C<sub>39</sub>F<sub>5</sub>H<sub>36</sub>NO<sub>14</sub> 837.71

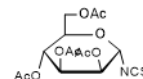
MT04264

Price On Application

**2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl isothiocyanate**[93221-21-7] C<sub>15</sub>H<sub>19</sub>NO<sub>8</sub>S 389.38

MT08618

1g	\$1250.00
2g	\$1950.00
5g	\$2375.00

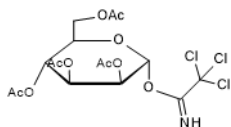


## TetraacetylIm

**2,3,4,6-Tetra-O-acetyl- $\alpha$ -D-mannopyranosyl trichloroacetimidate**[121238-27-5] C<sub>16</sub>H<sub>20</sub>Cl<sub>3</sub>NO<sub>10</sub> 492.69

MT04866

200mg	\$90.00
500mg	\$175.00
1g	\$295.00



Refs: Tamura J, Fukuda M, Tanaka J, Kawa M, J. Carbohydr. Chem. 2002, Vol21, Pt5, p445-450

**2,3,4,6-Tetra-O-acetyl-D-mannopyranosyl trichloroacetimidate**

• 2,3,4,6-Tetra-O-acetyl-1-O-trichloroacetimidoyl-D-mannopyranose

[158250-57-8]

MT01442

Price On Application

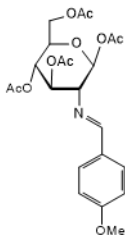
**1,3,4,6-Tetra-O-acetyl-N-(4-methoxybenzylidene)-b-D-glucosamine**

- 1,3,4,6-Tetra-O-acetyl-2-amino-2-deoxy-N-(4-methoxybenzylidene)-b-D-glucopyranose
- 2-(4-Methoxybenzylidene)imino-2-deoxy-1,3,4,6-tetra-O-acetyl-b-D-glucopyranose

[7597-81-1] C<sub>22</sub>H<sub>27</sub>NO<sub>10</sub> 465.45

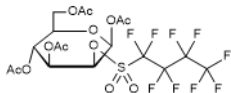
MT08177

1g	\$95.00
2g	\$150.00
5g	\$300.00

**1,3,4,6-Tetra-O-acetyl-2-O-nonafluorobutane-sulfonyl-b-D-mannopyranose**[480438-48-0] C<sub>18</sub>H<sub>19</sub>O<sub>12</sub>SF<sub>9</sub> 630.39

MT05146

25mg	\$89.50
50mg	\$168.00
100mg	\$263.00

**1,2,4,6-Tetra-O-acetyl-3-O-propargyl-D-glucopyranose**

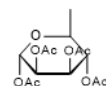
MT157233

250mg	\$1300.00
500mg	\$1650.00
1g	\$1950.00

**1,2,3,4-Tetra-O-acetyl- $\alpha$ -L-rhamnopyranose**[27821-11-0] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

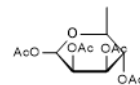
MT00587

10g	\$650.00
25g	\$975.00
50g	\$1500.00

**1,2,3,4-Tetra-O-acetyl-L-rhamnopyranose**[30021-94-4] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

MT31469

250mg	\$70.00
500mg	\$115.00
1g	\$195.00

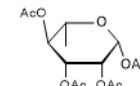
**1,2,3,4-Tetra-O-acetyl-b-L-rhamnopyranose**

- b-L-Rhamnose tetraacetate
- Per-O-acetyl-b-L-rhamnopyranose

[27821-10-9] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

MT06192

100mg	\$750.00
250mg	\$975.00
500mg	\$1235.00



Refs: Tollens B, et.al, Kurzes Handbuch der Kohlenhydrate, 1935, p169

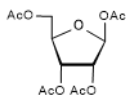




**1,2,3,5-Tetra-O-acetyl-b-D-ribofuranose**[13035-61-5] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.28

MT04063

100g	\$45.00
250g	\$75.00
500g	\$125.00

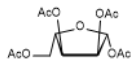


Refs: Framski G, Manikowski A, Zandecki T, Boryski J, Nucleic Acids Symposium Series No3 2003, p11-12;  
Brown GB, Weliky VS, J. Biol. Chem. 1953, p1019-1024

**1,2,3,5-Tetra-O-acetyl-b-L-ribofuranose**[144490-03-9] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.3

MT00662

1g	\$42.00
2g	\$73.50
5g	\$136.50



Refs: Sivets GG, Klennitskaya TV, Zhemosek EV, Mikhailopulo IA, Synthesis 2002, p253

**1,2,3,5-Tetra-O-acetyl-D-ribofuranose**

[28708-32-9]

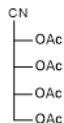
MT31841

Price On Application

**2,3,4,5-Tetra-O-acetyl-D-ribonitrile**[25546-50-3] C<sub>13</sub>H<sub>17</sub>NO<sub>8</sub> 315.28

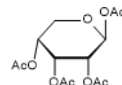
MT02166

100mg	\$50.00
250mg	\$87.50
500mg	\$150.00

**1,2,3,4-Tetra-O-acetyl-b-D-ribofuranose**[4049-34-7] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.28

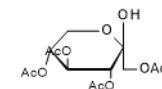
MT11561

5g	\$190.00
10g	\$300.00
25g	\$600.00

**1,3,4,5-Tetra-O-acetyl-L-sorbopyranose**[109525-53-3] C<sub>14</sub>H<sub>20</sub>O<sub>10</sub> 348.3

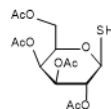
MT04864

500mg	\$80.00
1g	\$157.50
2g	\$262.50

**2,3,4,6-Tetra-O-acetyl-b-D-thiogalactopyranose**[50615-66-2] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub>S 364.37

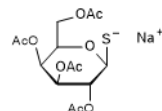
MT06688

1g	\$472.50
2g	\$840.00
5g	\$1837.50

**2,3,4,6-Tetra-O-acetyl-b-D-thiogalactopyranose sodium salt**C<sub>14</sub>H<sub>19</sub>O<sub>9</sub>SNa 386.35

MT08622

Price On Application

**2,3,4,6-Tetra-O-acetyl-5-thio-D-galactopyranosyl trichloroacetimidate**C<sub>18</sub>H<sub>20</sub>Cl<sub>3</sub>NO<sub>9</sub>S 508.76

MA73238

Price On Application



## Tetraacetyl

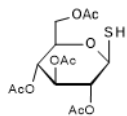
## 2,3,4,6-Tetra-O-acetyl-b-D-thioglucopyranose

• 1-Thio-b-D-glucose tetraacetate

[19879-84-6] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub>S 364.37

MT03205

1g	\$50.00
2g	\$80.00
5g	\$160.00



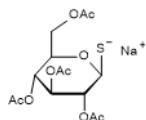
Refs: Fleet GW, et al, Biochemistry 1994, 33, 5745-5758

## 2,3,4,6-Tetra-O-acetyl-b-D-thioglucopyranose sodium salt

C<sub>14</sub>H<sub>19</sub>O<sub>9</sub>SNa 386.35

MT08621

Price On Application

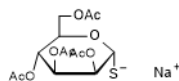


## 2,3,4,6-Tetra-O-acetyl-a-D-thiomannopyranose sodium salt

C<sub>14</sub>H<sub>19</sub>O<sub>9</sub>SNa 386.35

MT08623

Price On Application

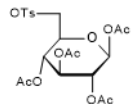


## 1,2,3,4-Tetra-O-acetyl-6-O-(p-toluenesulfonyl)-b-D-glucopyranose

C<sub>21</sub>H<sub>26</sub>O<sub>12</sub>S 502.49

MT01162

10mg	\$94.50
25mg	\$210.00
50mg	\$367.50



## 1,2,3,4-Tetra-O-acetyl-6-O-tosyl-b-D-glucopyranose

[6619-10-9] C<sub>21</sub>H<sub>26</sub>O<sub>12</sub>S 502.49

MT44541

1g	\$75.00
2g	\$130.00
5g	\$275.00



## 2,3,4,6-Tetra-O-acetyl-1-O-trichloroacetimidoyl-D-mannopyranose

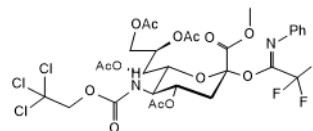
see 2,3,4,6-Tetra-O-acetyl-D-mannopyranosyl trichloroacetimidate, MT01442 on page 536

## 4,7,8,9-Tetra-O-acetyl-5-(2,2,2-trichloroethoxycarbonylamino)-2-(N-phenyltrifluoroacetimidate)-D-neuraminic acid methyl ester

[874904-91-3] C<sub>29</sub>H<sub>32</sub>N<sub>2</sub>O<sub>14</sub>Cl<sub>3</sub>F<sub>3</sub> 795.92

MT58742

Price On Application



## 1,3,4,6-Tetraacetyl 2-(trifluoromethanesulfonate) b-D-talopyranose

see 1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-b-D-talopyranose, MT08259 on page 538

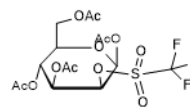
## 1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-b-D-mannopyranose

- 1,3,4,6-Tetraacetate 2-(trifluoromethane-sulphonate)-b-D-mannopyranose
- Mannose triflate
- TATM

[92051-23-5] C<sub>15</sub>H<sub>19</sub>F<sub>3</sub>O<sub>12</sub>S 480.37

MT06933

100mg	\$60.00
250mg	\$110.00
500mg	\$200.00



Refs: Pavliak V, et al, Carbohydr. Res. 1991, No210, p333-337

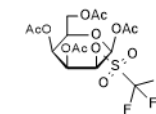
## 1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-b-D-talopyranose

- Talose Triflate
- 1,3,4,6-Tetraacetyl 2-(trifluoromethanesulfonate) b-D-talopyranose

C<sub>15</sub>H<sub>19</sub>F<sub>3</sub>O<sub>12</sub>S 480.37

MT08259

5mg	\$95.00
10mg	\$150.00
25mg	\$235.00

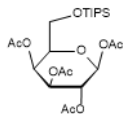


Refs: Fukuda H, et al, Cyric Annual Report 1982, p188

**1,2,3,4-Tetra-O-acetyl-6-O-triisopropylsilyl-b-D-galactopyranose**C<sub>23</sub>H<sub>40</sub>O<sub>10</sub>Si 504.66

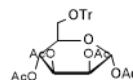
MT08823

Price On Application

**1,2,3,4-Tetra-O-acetyl-6-O-trityl-a-D-mannopyranose**[72691-30-6] C<sub>33</sub>H<sub>34</sub>O<sub>10</sub> 590.62

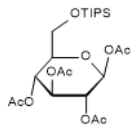
MT08827

1g	\$525.00
2g	\$945.00
5g	\$2100.00

**1,2,3,4-Tetra-O-acetyl-6-O-triisopropylsilyl-b-D-glucopyranose**C<sub>23</sub>H<sub>40</sub>O<sub>10</sub>Si 504.64

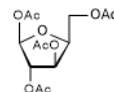
MT08824

Price On Application

**1,2,3,5-Tetra-O-acetyl-b-L-xylofuranose**[844877-56-1] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.3

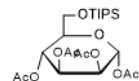
MT03560

Price On Application

**1,2,3,4-Tetra-O-acetyl-6-O-triisopropylsilyl-a-D-mannopyranose**C<sub>23</sub>H<sub>40</sub>O<sub>10</sub>Si 504.66

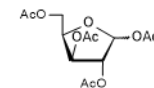
MT08825

Price On Application

**1,2,3,5-Tetra-O-acetyl-D-xylofuranose**[30571-56-3] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.28

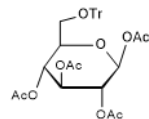
MT05406

1g	\$80.00
2g	\$120.00
5g	\$195.00

**1,2,3,4-Tetra-O-acetyl-6-O-triphenylmethyl-b-D-glucopyranose**[37074-90-1] C<sub>33</sub>H<sub>34</sub>O<sub>10</sub> 590.62

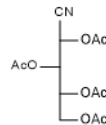
MT66690

100mg	\$55.00
250mg	\$100.00
500mg	\$150.00

**2,3,4,5-Tetra-O-acetyl-D-xylofuranose**[13501-95-6] C<sub>13</sub>H<sub>17</sub>NO<sub>8</sub> 315.28

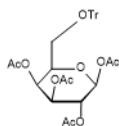
MT00698

500mg	\$120.00
1g	\$204.80
2g	\$388.50

**1,2,3,4-Tetra-O-acetyl-6-O-trityl-b-D-galactopyranose**[124648-92-6] C<sub>33</sub>H<sub>34</sub>O<sub>10</sub> 590.62

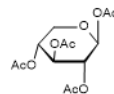
MT08826

Price On Application

**1,2,3,4-Tetra-O-acetyl-b-D-xylopyranose**[4049-33-6] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.28

MT05643

1g	\$40.00
2g	\$70.00
5g	\$115.00



Refs: Mani K, Belting M, Ellervik U, Falk N, Svensson G, Sandgren S, Cheng F, L-A Fransson, Glycobiology, Vol14, No5, p387-397

## Tetraacetylx

## 1,2,3,4-Tetra-O-acetyl-b-L-xylopyranose

[78088-17-2]

MT76686

1g	\$195.00
2g	\$300.00
5g	\$500.00

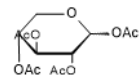


## 1,2,3,4-Tetra-O-acetyl-D-xylopyranose

[62446-93-9][62929-49-1] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.28

MT04869

500mg	\$125.00
1g	\$195.00
2g	\$350.00



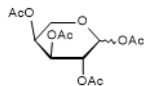
Refs: Morzycki J, Wojtkielewicz A, Phytochemistry Rev. 2005

## 1,2,3,4-Tetra-O-acetyl-L-xylopyranose

[142130-89-0] C<sub>13</sub>H<sub>18</sub>O<sub>9</sub> 318.28

MT02175

1g	\$195.00
2g	\$300.00
5g	\$475.00



Refs: Helferich B, et.al, Ber, 1939, 72, p1953

## 2,3,4,6-Tetra-O-allyl-D-glucopyranose

• 2,3,4,6-Tetra-O-2-propen-1-yl-D-glucose

[186038-63-1]

MT15193

Price On Application



## C-(2,3,4,6-Tetra-O-benzoyl-1-bromo-1-deoxy-b-D-glucopyranosyl)formamide

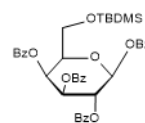
see C-(1-Bromo-1-deoxy-2,3,4,6-tetra-O-benzoyl-b-D-glucopyranosyl)formamide, MB05862 on page 125

## 1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidimethylsilyl-b-D-galactopyranose

C<sub>40</sub>H<sub>42</sub>O<sub>10</sub>Si 710.86

MT08828

5mg	\$63.00
10mg	\$105.00
25mg	\$210.00

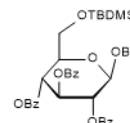


## 1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidimethylsilyl-b-D-glucopyranose

C<sub>40</sub>H<sub>42</sub>O<sub>10</sub>Si 710.86

MT08829

Price On Application

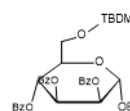


## 1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidimethylsilyl-a-D-mannopyranose

C<sub>40</sub>H<sub>42</sub>O<sub>10</sub>Si 710.86

MT08830

Price On Application

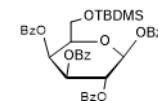


## 1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidiphenylsilyl-b-D-galactopyranose

C<sub>40</sub>H<sub>42</sub>O<sub>10</sub>Si 710.86

MT08831

Price On Application

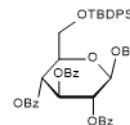


## 1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidiphenylsilyl-b-D-glucopyranose

C<sub>50</sub>H<sub>46</sub>O<sub>10</sub>Si 835

MT08832

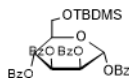
Price On Application



**1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidiphenylsilyl-a-D-mannopyranose**C<sub>40</sub>H<sub>42</sub>O<sub>10</sub>Si 710.86

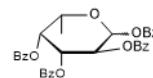
MT08833

Price On Application

**1,2,3,4-Tetra-O-benzoyl-L-fucopyranose**[140223-15-0] C<sub>34</sub>H<sub>28</sub>O<sub>9</sub> 580.58

MT06129

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

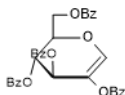
**2,3,4,6-Tetra-O-benzoyl-1-deoxy-D-arabino-hex-1-enopyranose**

- 2,3,4,6-Tetra-O-benzoyl-2-hydroxy-D-glucal
- 1-Deoxy-D-gluco-hex-1-enopyranose tetrabenzoate

[14125-75-8] C<sub>34</sub>H<sub>28</sub>O<sub>9</sub> 578.56

MT07959

Price On Application

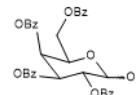
**2,3,4,6-Tetra-O-benzoyl-D-galactopyranose**

- D-Galactose tetrabenzoate

[627466-84-6] C<sub>34</sub>H<sub>28</sub>O<sub>10</sub> 596.58

MT07364

250mg	\$75.00
500mg	\$125.00
1g	\$195.00

**1,2,3,6-Tetra-O-benzoyl-4-deoxy-4-fluoro-a-D-mannopyranose**C<sub>34</sub>H<sub>27</sub>FO<sub>9</sub> 598.57

MT04711

2mg	\$89.30
5mg	\$157.50
10mg	\$262.50

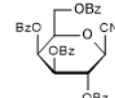


Refs: Biochem. J. 1983, 209 (3), p677-685; J. Biol. Chem. 1984, 259, p1027-1030

**2,3,4,6-Tetra-O-benzoyl-b-D-galactopyranosyl cyanide**[128095-47-6] C<sub>28</sub>H<sub>27</sub>NO<sub>9</sub> 485.48

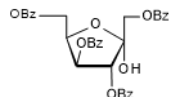
MT04516

Price On Application

**1,3,4,6-Tetra-O-benzoyl-a-D-fructofuranose**[80763-56-0] C<sub>34</sub>H<sub>28</sub>O<sub>10</sub> 596.58

MT06157

100mg	\$75.00
250mg	\$125.00
500mg	\$210.00



Refs: Hu L, et.al, CA, 127, 231883x

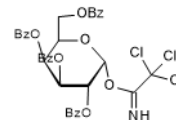
**2,3,4,6-Tetra-O-benzoyl-a-D-galactopyranosyl trichloroacetimidate**

- D-Galactose tetrabenzoate

[138479-78-4] C<sub>38</sub>H<sub>28</sub>Cl<sub>3</sub>NO<sub>10</sub> 740.97

MT07365

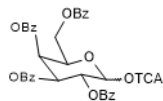
25mg	\$75.00
50mg	\$125.00
100mg	\$220.00



**Tetrabenzoyl****2,3,4,6-Tetra-O-benzoyl-D-galactopyranosyl trichloroacetimidate**C<sub>36</sub>H<sub>28</sub>Cl<sub>3</sub>NO<sub>10</sub> 740.97

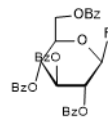
MT10919

25mg	\$75.00
50mg	\$125.00
100mg	\$220.00

**2,3,4,6-Tetra-O-benzoyl-b-D-glucopyranosyl fluoride**[4163-40-0] C<sub>34</sub>H<sub>27</sub>FO<sub>9</sub> 598.59

MT07516

50mg	\$157.50
100mg	\$237.00
250mg	\$472.50

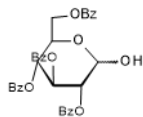
**2,3,4,6-Tetra-O-benzoyl-D-glucopyranose**

• D-Glucopyranose 2,3,4,6-tetrabenzoate

[64768-20-3] C<sub>34</sub>H<sub>28</sub>O<sub>10</sub> 596.6

MT07515

100mg	\$90.00
250mg	\$157.50
500mg	\$265.00

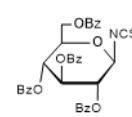
**2,3,4,6-Tetra-O-benzoyl-b-D-glucopyranosyl isothiocyanate**

• BGIT

[132413-50-4] C<sub>35</sub>H<sub>27</sub>NO<sub>9</sub>S 637.66

MT05028

50mg	\$75.00
100mg	\$120.00
250mg	\$225.00

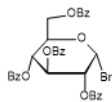
**2,3,4,6-Tetra-O-benzoyl-a-D-glucopyranosyl bromide**

• a-D-Glucopyranosyl bromide tetrabenzoate

[14218-11-2] C<sub>34</sub>H<sub>27</sub>BrO<sub>9</sub> 659.48

MT06726

1g	\$75.00
2g	\$126.00
5g	\$252.00



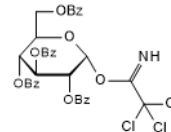
Refs: Barua AB, Olson JA, Int. J. Vitam. Nutr. Res. 1992, 62(4), 298-302

**2,3,4,6-Tetra-O-benzoyl-a-D-glucopyranosyl trichloroacetimidate**

[149707-75-5]

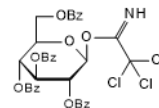
MT44357

2g	\$1800.00
5g	\$2675.00
10g	\$3950.00

**2,3,4,6-Tetra-O-benzoyl-b-D-glucopyranosyl trichloroacetimidate**[149707-76-6] C<sub>36</sub>H<sub>28</sub>Cl<sub>3</sub>NO<sub>10</sub> 740.97

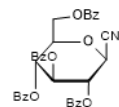
MT44358

Price On Application

**2,3,4,6-Tetra-O-benzoyl-b-D-glucopyranosyl cyanide**[286369-05-9] C<sub>35</sub>H<sub>27</sub>NO<sub>9</sub> 605.59

MT00729

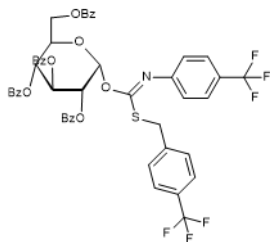
50mg	\$85.00
100mg	\$150.00
250mg	\$225.00



**2,3,4,6-Tetra-O-benzoyl- $\alpha$ -D-glucopyranosyl p-trifluoromethylbenzylthio-N-(trifluoromethylphenyl)formimidate**C<sub>50</sub>H<sub>37</sub>F<sub>6</sub>NO<sub>10</sub>S 957.91

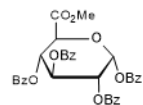
MT07517

100mg	\$90.00
250mg	\$197.50
500mg	\$395.00

**1,2,3,4-Tetra-O-benzoyl- $\alpha$ -D-glucuronide methyl ester**C<sub>35</sub>H<sub>28</sub>O<sub>11</sub> 624.59

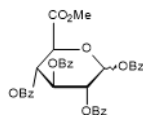
MT07346

50mg	\$89.50
100mg	\$168.00
250mg	\$262.50

**1,2,3,4-Tetra-O-benzoyl-D-glucuronide methyl ester**[201789-32-4] C<sub>35</sub>H<sub>28</sub>O<sub>11</sub> 624.59

MT08657

100mg	\$90.00
250mg	\$197.50
500mg	\$360.00

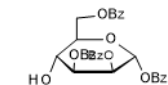
**2,3,4,6-Tetra-O-benzoyl-2-hydroxy-D-glucal**

see 2,3,4,6-Tetra-O-benzoyl-1-deoxy-D-arabino-hex-1-enopyranose, MT07959 on page 541

**1,2,3,6-Tetra-O-benzoyl- $\alpha$ -D-mannopyranose**[56994-11-7] C<sub>34</sub>H<sub>28</sub>O<sub>10</sub> 596.58

MT04880

10mg	\$99.80
25mg	\$168.00
50mg	\$262.50



Refs: Ivanova IA, Nikolaev AV, J. Chem. Soc. Perkin Trans. 1 1998, No18, p3093-3100

**1,2,3,6-Tetra-O-benzoyl- $\beta$ -D-mannopyranose**[171482-60-3] C<sub>34</sub>H<sub>28</sub>O<sub>10</sub> 596.58

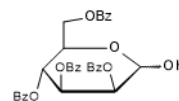
MT76697

Price On Application

**2,3,4,6-Tetra-O-benzoyl-D-mannopyranose**[627466-98-2] C<sub>34</sub>H<sub>28</sub>O<sub>10</sub> 596.58

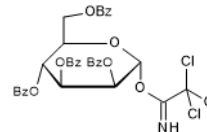
MT06805

1g	\$185.00
2g	\$320.00
5g	\$550.00

**2,3,4,6-Tetra-O-benzoyl- $\alpha$ -D-mannopyranosyl trichloroacetimidate**[183901-63-5] C<sub>38</sub>H<sub>28</sub>Cl<sub>3</sub>NO<sub>10</sub> 740.98

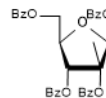
MT08292

250mg	\$395.00
500mg	\$630.00
1g	\$1050.00

**1,2,3,5-Tetra-O-benzoyl-2-C-methyl- $\beta$ -D-ribofuranose**[15397-15-6] C<sub>34</sub>H<sub>28</sub>O<sub>9</sub> 580.58

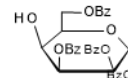
MT05623

5g	\$89.30
10g	\$136.50
25g	\$262.50

**1,2,3,6-Tetra-O-benzoyl- $\alpha$ -D-talose**C<sub>34</sub>H<sub>28</sub>O<sub>10</sub> 596.58

MT04879

5mg	\$125.00
10mg	\$190.00
25mg	\$400.00



**Tetrabenzoyl****1,2,3,6-Tetra-O-benzoyl-5-thio-D-glucopyranose**

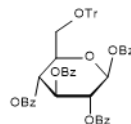
MT76539

Price On Application

**1,2,3,4-Tetra-O-benzoyl-6-O-trityl-b-D-glucopyranose**[8572-59-4] C<sub>53</sub>H<sub>42</sub>O<sub>10</sub> 838.89

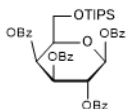
MT08767

Price On Application

**1,2,3,4-Tetra-O-benzoyl-6-O-triisopropylsilyl-b-D-galactopyranose**C<sub>46</sub>H<sub>54</sub>O<sub>10</sub>Si 795.02

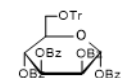
MT08763

Price On Application

**1,2,3,4-Tetra-O-benzoyl-6-O-trityl-a-D-mannopyranose**[377074-45-8] C<sub>53</sub>H<sub>42</sub>O<sub>10</sub> 838.89

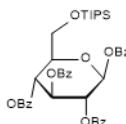
MT08768

Price On Application

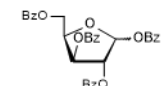
**1,2,3,4-Tetra-O-benzoyl-6-O-triisopropylsilyl-b-D-glucopyranose**C<sub>46</sub>H<sub>54</sub>O<sub>10</sub>Si 795.02

MT08765

Price On Application

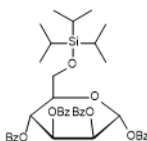
**1,2,3,4-Tetra-O-benzoyl-D-xylofuranose**[5432-87-1] C<sub>33</sub>H<sub>26</sub>O<sub>9</sub> 566.55

MT05208

5g \$52.50  
10g \$94.50  
25g \$168.00**1,2,3,4-Tetra-O-benzoyl-6-O-triisopropylsilyl-a-D-mannopyranose**C<sub>43</sub>H<sub>48</sub>O<sub>10</sub>Si 752.92

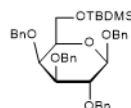
MT08764

Price On Application

**1,2,3,4-Tetra-O-benzyl-6-O-tert-butylidimethylsilyl-b-D-galactopyranose**C<sub>40</sub>H<sub>50</sub>O<sub>6</sub>Si 654.93

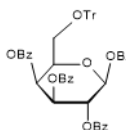
MT08751

Price On Application

**1,2,3,4-Tetra-O-benzoyl-6-O-trityl-b-D-galactopyranose**[100740-75-8] C<sub>53</sub>H<sub>42</sub>O<sub>10</sub> 838.89

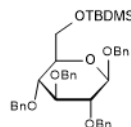
MT08766

Price On Application

**1,2,3,4-Tetra-O-benzyl-6-O-tert-butylidimethylsilyl-b-D-glucopyranose**C<sub>40</sub>H<sub>50</sub>O<sub>6</sub>Si 654.93

MT08752

Price On Application

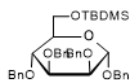




**1,2,3,4-Tetra-O-benzyl-6-O-tert-butyl dimethylsilyl-a-D-mannopyranose**C<sub>40</sub>H<sub>50</sub>O<sub>6</sub>Si 654.93

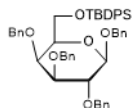
MT08753

Price On Application

**1,2,3,4-Tetra-O-benzyl-6-O-tert-butyl diphenylsilyl-b-D-galactopyranose**C<sub>50</sub>H<sub>54</sub>O<sub>6</sub>Si 779.07

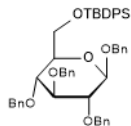
MT08754

Price On Application

**1,2,3,4-Tetra-O-benzyl-6-O-tert-butyl diphenylsilyl-b-D-glucopyranose**[291527-97-4] C<sub>50</sub>H<sub>54</sub>O<sub>6</sub>Si 779.07

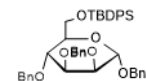
MT08755

Price On Application

**1,2,3,4-Tetra-O-benzyl-6-O-tert-butyl diphenylsilyl-a-D-mannopyranose**C<sub>50</sub>H<sub>54</sub>O<sub>6</sub>Si 779.07

MT08756

Price On Application

**2,3,4,6-tetra-O-benzyl-1-deoxy-1-ethynyl-a-D-glucopyranose**

see 2-C-(2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl) ethyne, MT15434 on page 547

**2,3,4,6-tetra-O-benzyl-1-deoxy-1-ethynyl-b-D-glucopyranose**

see 2-C-(2,3,4,6-Tetra-O-benzyl-b-D-glucopyranosyl) ethyne, MT15433 on page 547

**2,3,4,6-Tetra-O-benzyl-(+)-1-deoxyojirimycin**

• 2,3,4,6-Tetra-O-benzyl-1,5-dideoxy-1,5-imino-D-glucitol

[69567-11-9] C<sub>34</sub>H<sub>37</sub>NO<sub>4</sub> 523.66

MT146309

Price On Application

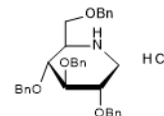
**2,3,4,6-Tetra-O-benzyl-1-deoxyojirimycin hydrochloric acid salt**

• (2R,3R,4R,5S)-3,4,5-Tris(phenylmethoxy)-2-[(phenylmethoxy)methyl]piperidine hydrochloride

[72983-76-7] C<sub>34</sub>H<sub>38</sub>ClNO<sub>4</sub> 560.12

MT16868

5mg	\$70.00
10mg	\$127.20
25mg	\$231.50

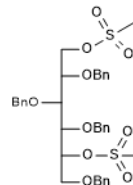
**2,3,4,6-Tetra-O-benzyl-1,5-dideoxy-1,5-imino-D-glucitol**

see 2,3,4,6-Tetra-O-benzyl-(+)-1-deoxyojirimycin, MT146309 on page 545

**2,3,4,6-Tetra-O-benzyl-1,5-di-O-mesyl-D-glucitol**C<sub>36</sub>H<sub>42</sub>O<sub>10</sub>S<sub>2</sub> 698.84

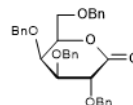
MT07363

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50

**2,3,4,6-Tetra-O-benzyl-D-galactono-1,5-lactone**[82598-84-3] C<sub>34</sub>H<sub>34</sub>O<sub>6</sub> 538.63

MT09643

100mg	\$105.00
250mg	\$197.50
500mg	\$370.00



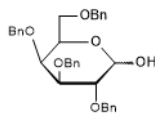
## Tetrabenzylg

## 2,3,4,6-Tetra-O-benzyl-D-galactopyranose

[53081-25-7][4291-69-4][6386-24-9] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

MT04086

1g	\$50.00
2g	\$70.00
5g	\$90.00

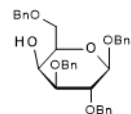


## 1,2,3,6-Tetra-O-benzyl-b-D-galactopyranoside

[57783-81-0] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

MT04643

10mg	\$89.30
25mg	\$168.00
50mg	\$262.50



Refs: Yamaguchi M, Ishida H, Galustian C, et al, Carbohydr. Res. 2002, 337, 21, p2211

## 1,2,4,6-Tetra-O-benzyl-b-D-galactopyranoside

MT138575

1g	\$500.00
2g	\$800.00
5g	\$1500.00

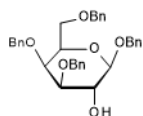


## 1,3,4,6-Tetra-O-benzyl-b-D-galactopyranoside

[61820-04-0] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

MT06760

50mg	\$100.00
100mg	\$179.00
250mg	\$395.00

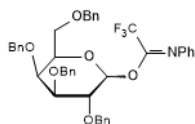


## 2,3,4,6-Tetra-O-benzyl-D-galactopyranosyl N-phenyl trifluoroacetimidate

C<sub>42</sub>H<sub>40</sub>F<sub>3</sub>NO<sub>6</sub> 711.77

MT11069

5g	\$656.30
10g	\$1155.00
25g	\$2625.00

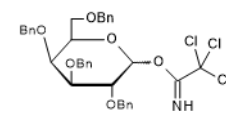


## 2,3,4,6-Tetra-O-benzyl-D-galactopyranosyl trichloroacetimidate

[132748-02-8] C<sub>38</sub>H<sub>36</sub>Cl<sub>3</sub>NO<sub>6</sub> 685.03

MT04870

100mg	\$150.00
250mg	\$275.00
500mg	\$375.00



## 1,3,4,5-Tetra-O-benzyl-D-glucitol

see 2,3,4,5-Tetra-O-benzyl-D-glucitol, MT07362 on page 546

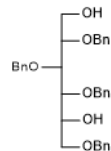
## 2,3,4,5-Tetra-O-benzyl-D-glucitol

• 1,3,4,5-Tetra-O-benzyl-D-glucitol

[14233-48-8] C<sub>34</sub>H<sub>38</sub>O<sub>6</sub> 542.66

MT07362

25mg	\$85.00
50mg	\$150.00
100mg	\$260.00



Refs: Helleur R, et al, Carbohydr. Res. 1981, 89, p83

## 2,3,4,6-Tetra-O-benzyl-D-gluconic acid-delta-lactone

see 2,3,4,6-Tetra-O-benzyl-D-glucono-1,5-lactone, MT04993 on page 546

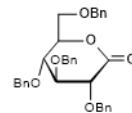
## 2,3,4,6-Tetra-O-benzyl-D-glucono-1,5-lactone

• 2,3,4,6-Tetra-O-benzyl-D-gluconic acid-delta-lactone

[13096-62-3] C<sub>34</sub>H<sub>34</sub>O<sub>6</sub> 538.63

MT04993

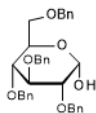
1g	\$95.00
2g	\$170.00
5g	\$325.00



**2,3,4,6-Tetra-O-benzyl-a-D-glucopyranose**[6564-72-3] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

MT01011

100g	\$420.00
250g	\$630.00
500g	\$945.00



Refs: Brenna E, Fuganti C, Grasselli P, Serra S, Zambotti S, Chemistry - A. Eur. Journal, 8, 8, p1872

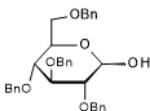
**2,3,4,6-Tetra-O-benzyl-D-glucopyranose**

• TetraBn-Glu-OH

[4132-28-9] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

MT06691

50g	\$70.00
100g	\$110.00
250g	\$195.00



Refs: Somsak L, Praly J-P, Descotes G, Synlet. 1992, p119-120

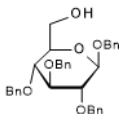
**1,2,3,4-Tetra-O-benzyl-b-D-glucopyranoside**

• Benzyl 2,3,4-tri-O-benzyl-b-D-glucopyranoside

[27851-29-2] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

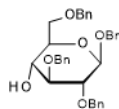
MT04645

10mg	\$89.30
25mg	\$157.50
50mg	\$262.50

**1,2,3,6-Tetra-O-benzyl-b-D-glucopyranoside**[67831-42-9] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

MT04644

25mg	\$89.50
50mg	\$163.00
100mg	\$305.00



Refs: Vonhoff S, Piens K, Pipelier M, et al, Helv. Chim. Acta 1999, 82, 7, p963

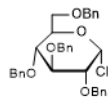
**2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl chloride**

• Chloro-2,3,4,6-tetra-O-benzyl-a-D-glucopyranoside

[25320-59-6] C<sub>34</sub>H<sub>35</sub>ClO<sub>5</sub> 559.09

MT04695

500mg	\$175.00
1g	\$325.00
2g	\$500.00



Refs: Keglevic D, Pokorny M, J. Biochem. 1969, 114, p827

**2-C-(2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl) ethyne**

• 2,3,4,6-tetra-O-benzyl-1-deoxy-1-ethynyl-a-D-glucopyranose

[139195-28-1] C<sub>29</sub>H<sub>30</sub>O<sub>5</sub> 458.55

MT15434

1g	\$1575.00
2g	\$2100.00
5g	\$4200.00

**2-C-(2,3,4,6-Tetra-O-benzyl-b-D-glucopyranosyl) ethyne**

• 2,3,4,6-tetra-O-benzyl-1-deoxy-1-ethynyl-b-D-glucopyranose

[168253-07-4] C<sub>29</sub>H<sub>30</sub>O<sub>5</sub> 458.55

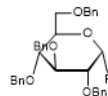
MT15433

1g	\$1575.00
2g	\$2100.00
5g	\$4200.00

**2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl fluoride**[89025-46-7] C<sub>34</sub>H<sub>35</sub>FO<sub>5</sub> 542.64

MT07518

250mg	\$95.00
500mg	\$175.00
1g	\$300.00



**Tetrabenzylg****2,3,4,6-Tetra-O-benzyl-b-D-glucopyranosyl Fluoride**[78153-79-4] C<sub>34</sub>H<sub>35</sub>FO<sub>5</sub> 542.64

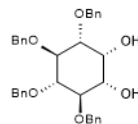
MT60583

100mg	\$55.00
250mg	\$109.00
500mg	\$190.00

**1,4,5,6-Tetra-O-benzyl-myo-inositol**[26276-99-3] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

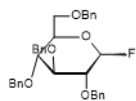
MT08758

50mg	\$150.00
100mg	\$275.00
250mg	\$495.00

**2,3,4,6-Tetra-O-benzyl-D-glucopyranosyl fluoride**[122741-44-0] C<sub>34</sub>H<sub>35</sub>FO<sub>5</sub> 542.64

MT05020

250mg	\$95.00
500mg	\$170.00
1g	\$262.50

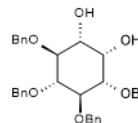


Refs: Yamanoi T, Nagayama S, Ishida H, Nishikido J, Synth. Commun. 2001, Vol31, Pt6, p899-904

**3,4,5,6-Tetra-O-benzyl-myo-inositol**[24558-77-8] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

MT08757

50mg	\$175.00
100mg	\$275.00
250mg	\$500.00

**2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl N,N,N',N'-Tetramethylphosphorodiamidate (ca. 20% in Benzene)**[143520-19-8] C<sub>38</sub>H<sub>47</sub>N<sub>2</sub>O<sub>7</sub>P 674.76

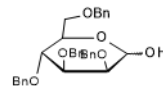
MT60585

500mg	\$52.00
1g	\$90.00
2g	\$157.00

**2,3,4,6-Tetra-O-benzyl-D-mannopyranose**[61330-61-8] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

MT05311

250mg	\$45.00
500mg	\$75.00
1g	\$100.00

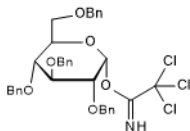


Refs: Arakawa K, Bowers SG, Michels B, Trin V, Mahmud T, Carbohydr. Res. 2003, Vol338, No20, p2075-2082

**2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl trichloroacetimidate**[74808-09-6] C<sub>36</sub>H<sub>36</sub>Cl<sub>3</sub>NO<sub>6</sub> 685.03

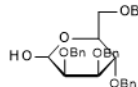
MT05023

250mg	\$55.00
500mg	\$95.00
1g	\$155.00

**2,3,4,6-Tetra-O-benzyl-L-mannopyranose**[103368-00-9] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.7

MT02582

Price On Application

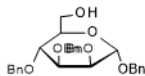


**1,2,3,4-Tetra-O-benzyl-a-D-mannopyranoside**

• Benzyl 2,3,4-tri-O-benzyl-a-D-mannopyranoside

[57783-76-3] C<sub>34</sub>H<sub>36</sub>O<sub>6</sub> 540.65

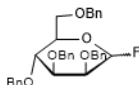
MT06725

100mg \$85.00  
200mg \$140.00  
500mg \$290.00

Refs: Zamojski A, Polish J. Chem. 2003, 77, p257-281

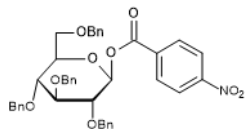
**2,3,4,6-Tetra-O-benzyl-D-mannopyranosyl fluoride**[94898-42-7] C<sub>34</sub>H<sub>35</sub>FO<sub>5</sub> 542.64

MT04546

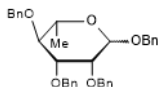
50mg \$79.00  
100mg \$126.00  
250mg \$210.00**2,3,4,6-Tetra-O-benzyl-1-O-(4-nitrobenzoyl)-b-D-glucopyranose**C<sub>41</sub>H<sub>39</sub>NO<sub>9</sub> 689.77

MT07987

Price On Application

**1,2,3,4-Tetra-O-benzyl-L-rhamnopyranoside**[353754-90-2] C<sub>34</sub>H<sub>36</sub>O<sub>5</sub> 524.65

MT04671

250mg \$92.50  
500mg \$160.00  
1g \$262.50

Refs: Cipolla L, La Ferla B, Nicotra F, et al, Tetrahedron Lett. 1997, 38, 31, p5567-5568

**2,3,4,6-Tetra-O-benzyl-a-D-talopyranose**

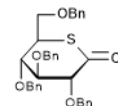
MT146384

Price On Application

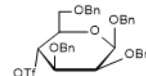
**2,3,4,6-Tetra-O-benzyl-5-thio-D-glucono-1,5-lactone**[131757-92-1] C<sub>34</sub>H<sub>34</sub>O<sub>5</sub>S 554.7

MT36535

Price On Application

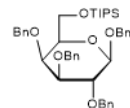
**1,2,3,6-Tetra-O-benzyl-4-O-trifluoromethanesulfonyl-b-D-mannopyranose**C<sub>35</sub>H<sub>35</sub>F<sub>3</sub>O<sub>8</sub>S 672.71

MT04670

25mg \$89.50  
50mg \$157.50  
100mg \$263.00**1,2,3,4-Tetra-O-benzyl-6-O-triisopropylsilyl-b-D-galactopyranose**C<sub>43</sub>H<sub>56</sub>O<sub>6</sub>Si 697.01

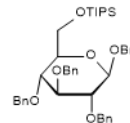
MT08834

Price On Application

**1,2,3,4-Tetra-O-benzyl-6-O-triisopropylsilyl-b-D-glucopyranose**C<sub>43</sub>H<sub>56</sub>O<sub>6</sub>Si 697.01

MT08835

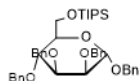
Price On Application



**Tetrabenzylt****1,2,3,4-Tetra-O-benzyl-6-O-triisopropylsilyl-a-D-mannopyranose**C<sub>43</sub>H<sub>56</sub>O<sub>6</sub>Si 697.01

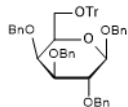
MT08836

Price On Application

**1,2,3,4-Tetra-O-benzyl-6-O-trityl-b-D-galactopyranose**[39687-22-4] C<sub>53</sub>H<sub>50</sub>O<sub>6</sub> 782.96

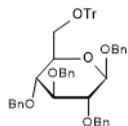
MT08759

1g	\$210.00
2g	\$315.00
5g	\$656.30

**1,2,3,4-Tetra-O-benzyl-6-O-trityl-b-D-glucofuranose**[27851-28-1] C<sub>53</sub>H<sub>50</sub>O<sub>6</sub> 782.96

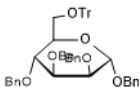
MT08760

1g	\$1693.70
2g	\$2541.00
5g	\$5082.00

**1,2,3,4-Tetra-O-benzyl-6-O-trityl-a-D-mannopyranose**[78561-22-5] C<sub>53</sub>H<sub>50</sub>O<sub>6</sub> 782.96

MT08761

50g	\$787.50
100g	\$1260.00
250g	\$2232.50

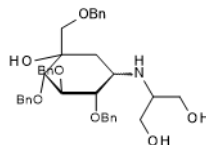
**1,5,6,7-Tetra-O-benzylvoglibose**

• TBV

[115250-39-0] C<sub>38</sub>H<sub>45</sub>NO<sub>7</sub> 627.77

MT08762

Price On Application

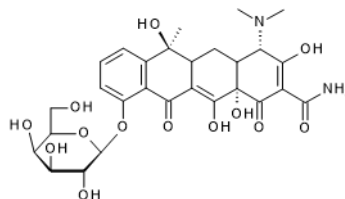
**TetraBn-Glu-OH**

see 2,3,4,6-Tetra-O-benzyl-D-glucofuranose, MT06691 on page 547

**Tetracycline 10-O-b-D-galactopyranoside**[319426-63-6] C<sub>28</sub>H<sub>34</sub>N<sub>2</sub>O<sub>13</sub> 606.58

MT04430

1mg	\$89.30
2mg	\$168.00
5mg	\$341.30

**1,2,3,6-Tetra-O-galloylglucose**

[79886-50-3]

Price On Application

MT46232

**1.3.4.6-Tetra-O-galloyl glucose**

[26922-99-6]

MT46233

Price On Application



T

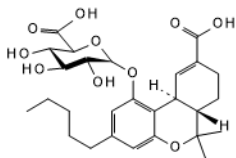
**11- $\Delta$ 9-Tetrahydro cannabinol-9-carboxylic acid b-D-glucuronide**

• (6aR,10aR)-9-Carboxy-6a,7,8,10a-tetrahydro-6,6-dimethyl-3-pentyl-6H-dibenzo[b,d]pyran-1-yl

[84376-63-6] C<sub>27</sub>H<sub>36</sub>O<sub>10</sub> 520.57

MT16862

1mg	\$1032.30
2mg	\$1876.90
5mg	\$3412.50



Refs: Lemberger, L, et al, Science, 170, 1320 (1970)

**5a-Tetrahydrocortisol-3-monoglucuronide**

see *Allo-3a-tetrahydro cortisol 3-O-b-D-glucuronide*, MA16589 on page 47

**1-O-[[[(6aR,10aR-6a,7,8,10a-Tetrahydro-1-hydroxy-6,6-dimethyl-3-pentyl-6H-dibenzo[b,d]pyran-9-yl)carbonyl]-b-D-glucopyranuronic Acid**

see *11-Nor- $\Delta$ 9-tetrahydro cannabinol-9-carboxylate acyl-b-D-glucuronide*, MN16822 on page 443

**(2R,3S,5S)-Tetrahydro-3-hydroxy-5-(2-propen-1-yl)-2-furanmethanol**

[1057653-79-8] C<sub>8</sub>H<sub>14</sub>O<sub>3</sub> 158.19

MT139120

Price On Application

**1-(6,7,9,10-Tetrahydro-6,10-methano-8H-pyrazino[2,3-h][3]benzazepin-8-carboxylate)**

see *Varenicline carbamoyl b-D-glucuronide*, MV16890 on page 601

**6,7,9,10-Tetrahydro-6,10-methano-8H-pyrazino[2,3-h][3]benzazepine-8-carboxaldehyde**

see *N-Formyl varenicline*, MF16728 on page 264

**(5R,6S)-5,6,7,8-Tetrahydro-6-phenyl-5-[4-[2-(1-pyrrolidinyl)ethoxy]phenyl]-2-naphthalen b-D-glucopyranosiduronic acid**

see *Lasofixifene b-D-glucuronide*, ML16772 on page 347

**Tetrahydroxyadipic acid**

see *Mucic acid*, MM47012 on page 433

**1-[5-[(1R,2S,3R)-1,2,3,4-Tetrahydroxybutyl]-1H-imidazol-2-yl]-ethanone**

see *2-Acetyl-4-tetrahydroxybutyl imidazole*, MA61366 on page 42

**(2R,4R)-2-[1S,2R,3S]-1,2,3,4-Tetrahydroxybutyl-1,-thiazolidine-4-carboxylic acid**

see *(2R,4R)-2-[L-Xylo-tetrahydroxybut-1-yl]-1,3-thiazolidine-4-carboxylic acid*, MX01046 on page 605

**3,4',5,7-Tetrahydroxyflavone-3-glucoside**

see *Kaempferol 3-b-glucopyranoside*, MK10036 on page 344

**1,6,7,8-Tetrahydroxyoctahydroindolizine**

see *Castanospermine*, MC08277 on page 138

**(2R,3R,4R)-2,3,4,5-Tetrahydroxypentanal**

see *D-Ribose*, MR05196 on page 497

**2,3,4,5-Tetrahydroxy-pentanoic acid, potassium salt**

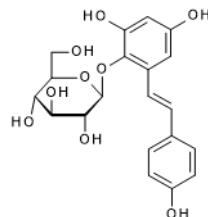
see *D-Lyxonic acid potassium salt*, ML07238 on page 351

**2,3,5,4'-Tetrahydroxystilbene-2-O-b-D-glucopyranoside**

[82373-94-2][55327-45-2] C<sub>20</sub>H<sub>22</sub>O<sub>9</sub> 406.38

MT08982

25mg	\$62.50
50mg	\$100.00
100mg	\$150.00

**1,3,6,7-Tetrahydroxyxanthone-C2-b-D-glucoside**

see *Mangiferin - 90%*, MT08923 on page 354

**1,2,3,4-Tetra-O-isobutyryl-b-D-glucuronide methyl ester**

• 1,2,3,4-Tetrakis(2-methylpropanoate) b-D-glucopyranuronic acid methyl ester

[150607-94-6] C<sub>23</sub>H<sub>36</sub>O<sub>11</sub> 488.53

MT157321

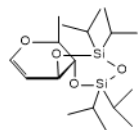
Price On Application



**Tetraisoprop****3,4-O-(1',1',3',3'-Tetraisopropyl-1,3-disiloxanediy)-L-rhamnal**[1621188-63-3] C<sub>18</sub>H<sub>30</sub>O<sub>4</sub>Si<sub>2</sub> 372.65

Price On Application

MT45839

**Tetrakis(2,2-dimethylpropanoate)-a-D-glucopyranosyl bromide**

see 2,3,4,6-Tetra-O-pivaloyl-a-D-glucopyranosyl bromide, MT04047 on page 553

**Tetrakis(2,2-dimethylpropanoate)-a-D-glucopyranosyl bromide (stabilised with CaCO<sub>3</sub>)**see 2,3,4,6-Tetra-O-pivaloyl-a-D-glucopyranosyl bromide - stabilised with CaCO<sub>3</sub>, MT06371 on page 553**1,2,3,4-Tetrakis(2-methylpropanoate) b-D-glucopyranuronic acid methyl ester**

see 1,2,3,4-Tetra-O-isobutyryl-b-D-glucuronide methyl ester, MT157321 on page 551

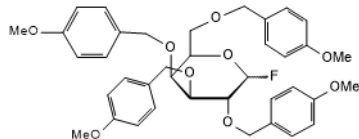
**2,3,4,6-Tetra-O-(4-methoxybenzyl)-D-galactopyranosyl fluoride**

• 1-Fluoro-2,3,4,6-tetra-O-(4-methoxybenzyl)-D-galactopyranoside

[864738-49-8] C<sub>38</sub>H<sub>43</sub>FO<sub>9</sub> 662.74

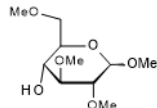
MT06804

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

**1,2,3,6-Tetra-O-methyl-D-glucopyranoside**C<sub>10</sub>H<sub>20</sub>O<sub>6</sub> 236.26

MT06952

2g	\$157.50
5g	\$262.50
10g	\$367.50

**2,3,4,6-Tetra-O-methyl-D-glucose**[7506-68-5] C<sub>10</sub>H<sub>20</sub>O<sub>6</sub> 236.26

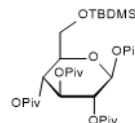
MT29003

25mg	\$75.00
50mg	\$120.00
100mg	\$190.00

**1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidimethylsilyl)-b-D-glucopyranose**C<sub>32</sub>H<sub>58</sub>O<sub>10</sub>Si 630.9

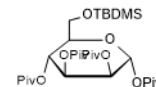
MT08797

Price On Application

**1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidimethylsilyl)-a-D-mannopyranose**C<sub>32</sub>H<sub>58</sub>O<sub>10</sub>Si 630.88

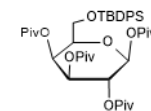
MT08798

Price On Application

**1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidiphenylsilyl)-b-D-galactopyranose**C<sub>42</sub>H<sub>62</sub>O<sub>10</sub>Si 755.04

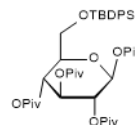
MT08799

Price On Application

**1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidiphenylsilyl)-b-D-glucopyranose**C<sub>42</sub>H<sub>62</sub>O<sub>10</sub>Si 755.04

MT08800

Price On Application

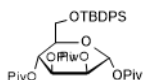




**1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidiphenylsilyl)-a-D-mannopyranose**C<sub>42</sub>H<sub>62</sub>O<sub>10</sub>Si 755.02

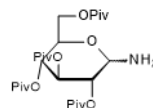
MT08801

Price On Application

**2,3,4,6-Tetra-O-pivaloyl-D-glucopyranosyl amine**C<sub>28</sub>H<sub>45</sub>NO<sub>9</sub> 515.64

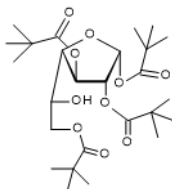
MT08434

250mg	\$75.00
500mg	\$125.00
1g	\$210.00

**1,2,3,6-Tetra-O-pivaloyl-a-D-galactofuranoside**[220017-49-2] C<sub>28</sub>H<sub>44</sub>O<sub>10</sub> 516.62

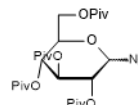
MT07360

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

**2,3,4,6-Tetra-O-pivaloyl-D-glucopyranosyl azide**C<sub>28</sub>H<sub>43</sub>N<sub>3</sub>O<sub>9</sub> 541.63

MT08433

1g	\$183.80
2g	\$315.00
5g	\$630.00

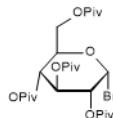
**2,3,4,6-Tetra-O-pivaloyl-a-D-glucopyranosyl bromide**

• Tetrakis(2,2-dimethylpropanoate)-a-D-glucopyranosyl bromide

[81058-27-7] C<sub>28</sub>H<sub>43</sub>BrO<sub>9</sub> 579.52

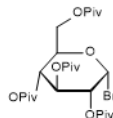
MT04047

10g	\$99.80
25g	\$173.50
50g	\$289.00

**2,3,4,6-Tetra-O-pivaloyl-a-D-glucopyranosyl bromide - stabilised with CaCO<sub>3</sub>**• Tetrakis(2,2-dimethylpropanoate)-a-D-glucopyranosyl bromide (stabilised with CaCO<sub>3</sub>)[81058-27-7] C<sub>28</sub>H<sub>43</sub>BrO<sub>9</sub> 579.52

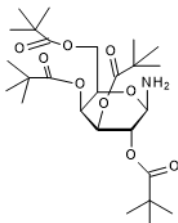
MT06371

5g	\$131.30
10g	\$210.00
25g	\$394.00

**2,3,4,6-Tetra-O-pivaloyl-b-D-galactopyranosyl amine**[108342-87-6] C<sub>28</sub>H<sub>45</sub>NO<sub>9</sub> 515.64

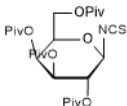
MT06767

1g	\$78.80
2g	\$115.50
5g	\$210.00

**2,3,4,6-Tetra-O-pivaloyl-b-D-galactopyranosyl isothiocyanate**[147948-52-5] C<sub>27</sub>H<sub>43</sub>NO<sub>9</sub>S 557.7

MT05031

50mg	\$70.00
100mg	\$110.00
250mg	\$225.00



## Tetrapivaloy

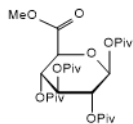
**1,2,3,4-Tetra-O-pivaloyl-β-D-glucuronide methyl ester**

• Methyl 1,2,3,4-tetra-O-pivaloyl-β-D-glucopyranosyluronate

[86448-91-1] C<sub>27</sub>H<sub>44</sub>O<sub>11</sub> 544.63

MT10321

50mg	\$65.00
100mg	\$110.00
250mg	\$190.00

**2,3,4,6-Tetra-O-pivaloyl-α-D-mannopyranosyl bromide**[1360879-08-8] C<sub>26</sub>H<sub>43</sub>BrO<sub>9</sub> 579.52

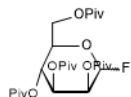
MT31823

Price On Application

**2,3,4,6-Tetra-O-pivaloyl-D-mannopyranosyl fluoride**[187269-63-2] C<sub>26</sub>H<sub>43</sub>FO<sub>9</sub> 518.61

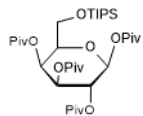
MT07150

2g	\$52.50
5g	\$94.50
10g	\$157.50

**1,2,3,4-Tetra-O-pivaloyl-6-O-triisopropylsilyl-β-D-galactopyranose**C<sub>35</sub>H<sub>64</sub>O<sub>10</sub>Si 672.98

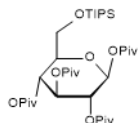
MT08769

Price On Application

**1,2,3,4-Tetra-O-pivaloyl-6-O-triisopropylsilyl-β-D-glucopyranose**C<sub>35</sub>H<sub>64</sub>O<sub>10</sub>Si 672.98

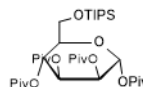
MT08770

Price On Application

**1,2,3,4-Tetra-O-pivaloyl-6-O-triisopropylsilyl-α-D-mannopyranose**C<sub>35</sub>H<sub>64</sub>O<sub>10</sub>Si 672.98

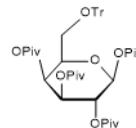
MT08771

Price On Application

**1,2,3,4-Tetra-O-pivaloyl-6-O-trityl-β-D-galactopyranose**C<sub>45</sub>H<sub>58</sub>O<sub>10</sub> 758.94

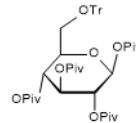
MT08772

Price On Application

**1,2,3,4-Tetra-O-pivaloyl-6-O-trityl-β-D-glucopyranose**C<sub>45</sub>H<sub>58</sub>O<sub>10</sub> 758.94

MT08773

Price On Application

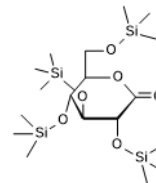
**2,3,4,6-Tetra-O-2-propen-1-yl-D-glucose**

see 2,3,4,6-Tetra-O-allyl-D-glucopyranose, MT15193 on page 540

**2,3,4,6-Tetra-O-(trimethylsilyl)-D-glucono-1,5-lactone**[32384-65-9] C<sub>18</sub>H<sub>42</sub>O<sub>6</sub>Si<sub>4</sub> 466.86

MT08101

5g	\$95.00
10g	\$150.00
25g	\$225.00



**2,3,5,6-Tetra-O-(trimethylsilyl)-D-glucono-1,4-lactone**C<sub>18</sub>H<sub>42</sub>O<sub>6</sub>Si<sub>4</sub> 466.86

MT64856

Price On Application

**5-Thio-N-acetylglucosamine**

MT61556

Price On Application

**Thermoposide**

• Chrysoeriol-7-O-glucoside

[19993-32-9] C<sub>22</sub>H<sub>22</sub>O<sub>11</sub> 462.4

MT74542

1mg	\$115.00
2mg	\$190.00
5mg	\$350.00

**4-Thio-1-acetyl-2,3,5-tri-O-benzoyl-b-L-ribofuranose**

MT00820

Price On Application

**Thevetoside**

[117743-32-5]

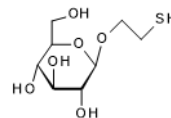
MT65974

10mg	\$50.00
25mg	\$100.00
50mg	\$180.00

**Thiocolchicoside glucuronide**see *3-Desmethylthiocolchicine-3-O-D-glucuronide, MD10001* on page 189**2-Thioethyl-b-D-glucopyranoside**[130263-77-3] C<sub>8</sub>H<sub>16</sub>O<sub>6</sub>S 240.28

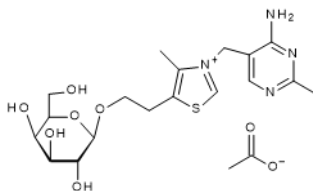
MM07240

2mg	\$89.30
5mg	\$157.50
10mg	\$262.50

**Thiamet-G**see *1,2-Dideoxy-2'-ethylamino-a-D-glucopyranoso-[2,1-d]-2'-thiazoline, MD08856* on page 208**Thiamine galactoside**[260370-52-3] C<sub>18</sub>H<sub>27</sub>O<sub>6</sub>N<sub>4</sub>S·C<sub>2</sub>H<sub>3</sub>O<sub>2</sub> 486.54

MT04429

Price On Application



Refs: Comin-Anduix B, Boren J, Martinez S, Eur. J. Biochem, 2001, 268, p4177

**5-Thio-L-fucose**

MT61555

Price On Application

**5-Thio-D-galactopyranose**

MT72466

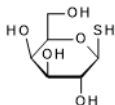
Price On Application



**Thiogalactop****1-Thio- $\alpha$ -D-galactopyranose pentaacetate**see 1,2,3,4,6-Penta-O-acetyl- $\alpha$ -D-thiogalactopyranose, MP04858 on page 452 **$\beta$ -D-Thiogalactose**C<sub>6</sub>H<sub>12</sub>O<sub>5</sub>S 196.22

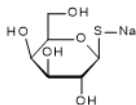
MT10923

10mg	\$94.50
25mg	\$210.00
50mg	\$367.50

 **$\beta$ -D-Thiogalactose sodium salt**[42891-22-5] C<sub>6</sub>H<sub>11</sub>NaO<sub>5</sub>S 218.2

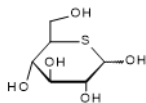
MT03276

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

**Thio- $\alpha$ -D-GalNAc**see 2-Acetamido-2-deoxy- $\alpha$ -D-thiogalactopyranose, MA12496 on page 16**Thio- $\beta$ -D-GlcNAc**see 2-Acetamido-2-deoxy- $\beta$ -D-thioglucopyranose, MA44578 on page 16**5-Thio-D-glucose**[20408-97-3][10227-19-7] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub>S 196.22

MT04882

25mg	\$65.00
50mg	\$110.00
100mg	\$190.00

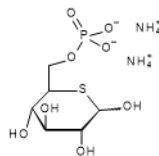


Refs: Cantour-Galcera M-O, Ortiz-Mellet C, Defaye J, Carbohydr. Res. 1996, 281, p119

**5-Thio-D-glucose-6-phosphate diammonium salt**[108391-99-7] C<sub>6</sub>H<sub>11</sub>O<sub>8</sub>PS<sub>2</sub>N<sub>2</sub>H<sub>8</sub> 310.26

MT04378

1mg	\$350.00
2mg	\$590.00
5mg	\$1200.00

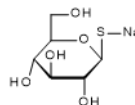
**1-Thio- $\beta$ -D-glucose, sodium salt**see  $\beta$ -D-Thioglucose sodium salt, MT05991 on page 556 **$\beta$ -D-Thioglucose sodium salt**

- 1-Thio- $\beta$ -D-glucose, sodium salt
- 1- $\beta$ -D-Glucosylthiose Sodium Salt
- Glucothiose Sodium Salt

[10593-29-0] C<sub>6</sub>H<sub>11</sub>NaO<sub>5</sub>S 218.2

MT05991

1g	\$80.00
2g	\$140.00
5g	\$250.00



Refs: Fleet G, et al, Biochemistry 1994, 33, 5745-5758

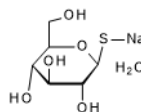
**1-Thio- $\beta$ -D-glucose sodium salt hydrate**see  $\beta$ -D-Thioglucose sodium salt hydrate, MT02234 on page 556 **$\beta$ -D-Thioglucose sodium salt hydrate**

- 1-Thio- $\beta$ -D-glucose sodium salt hydrate

[255818-98-5] C<sub>6</sub>H<sub>11</sub>NaO<sub>5</sub>S·H<sub>2</sub>O 236.22

MT02234

500mg	\$80.00
1g	\$136.50
2g	\$210.00



Refs: Wood Jr HB, Coxon B, Diehl HW, Fletcher Jr HG, J. Org. Chem. 1964, p461

**1-Thio- $\beta$ -D-glucose tetraacetate**see 2,3,4,6-Tetra-O-acetyl- $\beta$ -D-thioglucopyranose, MT03205 on page 538

## Thioglucosides

MT01726

Price On Application



## N-Thioglycolyl-D-galactosamine

• GalNTGc

[1334320-74-9] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub>S 253.27

Price On Application

MT145184



## 5-Thio-a-D-mannose

[127854-51-7] C<sub>6</sub>H<sub>12</sub>O<sub>5</sub>S 196.22

MT63576

Price On Application

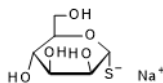


## a-D-Thiomannose sodium salt

[111057-34-2] C<sub>6</sub>H<sub>11</sub>O<sub>5</sub>S·Na 218.21

MT08809

100mg	\$120.00
250mg	\$200.00
500mg	\$350.00



## Thiosphorose

• 2-S-b-D-Glucopyranosyl-2-thiol-D-glucopyranose

[92051-25-7] C<sub>12</sub>H<sub>22</sub>O<sub>10</sub>S 358.4

MT04062

Price On Application



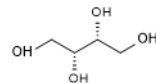
## D-Threitol

• (2R,3R)-1,2,3,4-Butanetetrol

[2418-52-2] C<sub>4</sub>H<sub>10</sub>O<sub>4</sub> 122.12

MT03950

1g	\$350.00
2g	\$590.00
5g	\$1250.00



## D-(-)-threo-2-Dichloroacetamido-3-b-D-galactopyranosyl-1-(p-nitrophenyl)-1,3-propaneodiol

see *Chloramphenicol 1-O-b-D-galactopyranoside, MC04425* on page 141

## L-threo-2,3-hexodiulosonic acid gamma-lactone

see *L-Dehydro ascorbic acid, MD16669* on page 161

## L-Threonic acid

• (2R,3S)-2,3,4-trihydroxybutanoic acid

[7306-96-9] C<sub>4</sub>H<sub>8</sub>O<sub>5</sub> 136.1

MT14833

1g	\$99.80
2g	\$168.00
5g	\$262.50



## L-Threonic acid calcium salt

see *Calcium L-threonate, MC09466* on page 134

## D-Threonic acid-1,4,-lactone

[23732-41-4] C<sub>4</sub>H<sub>6</sub>O<sub>4</sub> 118.08

MT08810

100mg	\$85.00
250mg	\$150.00
500mg	\$250.00



**Threonicacid****L-Threonic acid-1,4-lactone**

## • L-Threonolactone

[21730-93-8] C<sub>4</sub>H<sub>6</sub>O<sub>4</sub> 118.09

MT08297

100mg	\$75.00
250mg	\$125.00
500mg	\$205.00

**L-Threonolactone**see *L-Threonic acid-1,4-lactone*, MT08297 on page 558**Threo-2-Pentulose(9CI)**

[5962-29-8]

MT30406

Price On Application



T

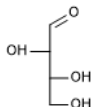
**D-Threose**

## • D-(-)-Threose

[95-43-2] C<sub>4</sub>H<sub>6</sub>O<sub>4</sub> 120.1

MT05810

50mg	\$45.00
100mg	\$75.00
250mg	\$125.00

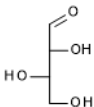


Refs: Beil. 1, IV, 4173

**D-(-)-Threose**see *D-Threose*, MT05810 on page 558**L-Threose**[95-44-3] C<sub>4</sub>H<sub>6</sub>O<sub>4</sub> 120.1

MT06722

10mg	\$40.00
25mg	\$65.00
50mg	\$100.00



Refs: Beil. 1, IV, 4173

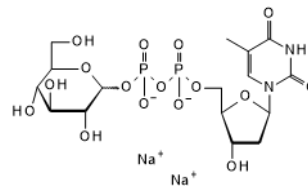
**Thymidine-5'-diphosphate-D-glucose disodium salt**

- 2'-Deoxy-thymidine-5'-diphospho-a-D-glucose disodium salt
- TDP-Glucose disodium salt

[2196-62-5] C<sub>16</sub>H<sub>24</sub>N<sub>2</sub>O<sub>16</sub>P<sub>2</sub>Na<sub>2</sub> 608.29

MT04383

5mg	\$94.50
10mg	\$157.50
25mg	\$262.50

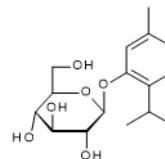


Refs: Losey HC, Jiang J, Biggins JB, Oberthur M, Ye XY, et al, Chem. Biol. 2002

**Thymineose**see *2-Deoxy-D-ribose*, MD04977 on page 184**Thymol-b-D-glucopyranoside**[20772-23-0] C<sub>16</sub>H<sub>24</sub>O<sub>6</sub> 312.36

MT06890

100mg	\$84.00
250mg	\$172.50
500mg	\$240.00

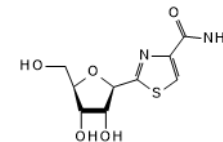
**Tiazofurin**

- 2-b-D-Ribofuranosyl-4-thiazolecarboxamide
- CI 909
- NSC 286-193

[60084-10-8] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>S 260.27

MT16870

1mg	\$95.00
2mg	\$150.00
5mg	\$315.00

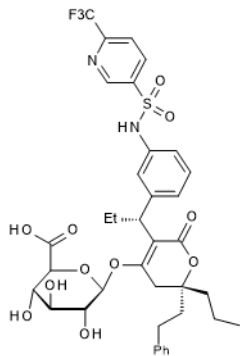


Refs: Streeter, D.G. et al, Biochem. Biophys. Res. Comm, 115, 544 (1983); Boritzki, T. et al, Biochem. Pharmacol, 34, 1109 (1985); Malek, K. et al, Leuk. Res, 28, 1125 (2004)

**Tipranovir b-D-glucuronide**[947408-14-2] C<sub>37</sub>H<sub>41</sub>F<sub>3</sub>N<sub>2</sub>O<sub>11</sub>S 778.79

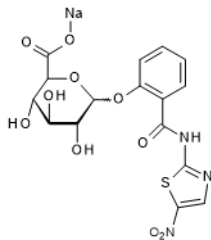
MT10157

1mg	\$288.80
2mg	\$525.00
5mg	\$1050.00

**Tizoxanide O-b-D-glucuronide sodium salt**[221287-83-8] C<sub>16</sub>H<sub>14</sub>N<sub>3</sub>NaO<sub>10</sub>S 463.35

MT07358

1mg	\$95.00
2mg	\$170.00
5mg	\$390.00

**Tn Antigen**

see 2-Acetamido-2-deoxy-a-D-galactopyranosyl serine, MA07378 on page 13

**Tolmetin acyl-b-D-glucuronide**[71595-19-2] C<sub>21</sub>H<sub>23</sub>NO<sub>9</sub> 433.41

MT45879

1mg	\$350.00
2mg	\$630.00
5mg	\$1250.00

**5-O-p-Toluenesulfonyl-1,2-O-isopropylidene-a-D-xylofuranose**

see 1,2-O-Isopropylidene-5-O-p-toluenesulfonyl-a-D-xylofuranose, MI05955 on page 339

**Toluoyl 2-O-acetyl-3-O-benzyl-1-thio-b-D-glucuronic acid**

see 4-Methylphenyl 2-O-acetyl-3-O-benzyl-b-D-thiogluconide, MM08179 on page 409

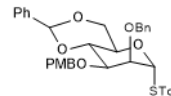
**Toluoyl 2-O-acetyl-3-O-benzyl-1-thio-b-D-glucuronide methyl ester**

see 4-Methylphenyl 2-O-acetyl-3-O-benzyl-b-D-thiogluconide methyl ester, MM08184 on page 409

**4-Toluoyl 2-O-benzyl-4,6-O-benzylidene-3-O-p-methoxybenzyl-a-D-thiomannopyranoside**C<sub>35</sub>H<sub>36</sub>O<sub>6</sub>S 584.72

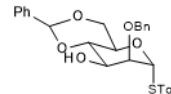
MT10131

250mg	\$262.50
500mg	\$420.00
1g	\$787.50

**4-Toluoyl-2-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside**[950602-62-7] C<sub>27</sub>H<sub>26</sub>O<sub>5</sub>S 464.57

MT10133

250mg	\$262.50
500mg	\$420.00
1g	\$787.50

**3-O-Toluoyl decitabine**

• 4-Amino-1-[2-deoxy-3-O-(4-methylbenzoyl)-b-D-erythro-pentofuranosyl]-1,3,5-triazin-2(1H)-one

[183016-21-9] C<sub>16</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub> 346.34

MT74841

10mg	\$350.00
25mg	\$625.00
50mg	\$990.00

**Toluoyl 2,3,4,6-tetra-O-acetyl-1-thio-b-D-glucofuranoside**

see 4-Methylphenyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucofuranoside, MM08173 on page 411

**Toluoyl 1-thio-b-D-glucuronide methyl ester**

see 4-Methylphenyl b-D-thiogluconide methyl ester, MM08181 on page 412

**Toluylthiot****Toluoyl 1-thio-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester**

see *4-Methylphenyl 2,3,4-tri-O-acetyl-b-D-thioglucuronide methyl ester*, MM08182 on page 412

**Toluoyl 1-thio-2,3,4-tri-O-benzyl-b-D-glucopyranoside**

see *4-Methylphenyl 2,3,4-tri-O-benzyl-b-D-thioglucopyranoside*, MM08171 on page 412

**Toluoyl 1-thio-2,3,4-tri-O-benzyl-b-D-glucuronic acid**

see *4-Methylphenyl 2,3,4-tri-O-benzyl-b-D-thioglucuronide*, MM08172 on page 412

**Toluoyl 1-thio-2,3,4-tri-O-benzyl-b-D-glucuronide benzyl ester**

see *4-Methylphenyl 2,3,4-tri-O-benzyl-b-D-thioglucuronide benzyl ester*, MM08185 on page 412

**4-Toluy 3,4-di-O-acetyl-2-O-benzyl-a-L-thiofucopyranoside**

• 4-Methylphenyl 3,4-di-O-acetyl-2-O-benzyl-1-thio-b-Lfucopyranoside

[1632312-32-3]

MT74880

Price On Application

**Tolyl 2-O-acetyl-3-O-benzyl-4-O-levulinoyl-1-thio-b-D-glucuronic acid methyl ester**

see *4-Methylphenyl 2-O-acetyl-3-O-benzyl-4-O-levulinoyl-b-D-thioglucuronide methyl ester*, MM08916 on page 409

**p-Tolyl-b-D-galactopyranoside**

see *4-Methylphenyl b-D-galactopyranoside*, MM04901 on page 411

**Topiramate**

see *2,3,4,5-Di-O-isopropylidene-b-D-fructopyranose sulfamate*, MD03549 on page 219

**Topiramate didesacetal impurity**

[106881-42-9] C<sub>6</sub>H<sub>13</sub>NO<sub>6</sub>S 259.24

MT59565

Price On Application

**Topiramate dimer impurity**

C<sub>24</sub>H<sub>39</sub>NO<sub>13</sub>S 581.63

MT59563

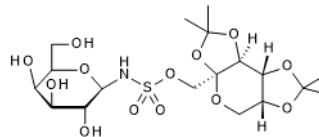
Price On Application

**Topiramate D-galactopyranose**

C<sub>18</sub>H<sub>31</sub>NO<sub>13</sub>S 501.5

MT09949

Price On Application

**Topiramate impurity B**

• Topiramate related compound B

[97240-80-7]

MT59568

Price On Application

**Topiramate impurity C**

C<sub>12</sub>H<sub>19</sub>ClO<sub>6</sub>S 358.79

MT59567

Price On Application

**Topiramate impurity D**

C<sub>12</sub>H<sub>20</sub>O<sub>6</sub> 260.28

MT59566

Price On Application



T



**Topiramate N-methyl impurity**[97240-80-7] C<sub>13</sub>H<sub>23</sub>NO<sub>8</sub>S 353.39

MT59564

25mg	\$450.00
50mg	\$750.00
100mg	\$1200.00

**Torachryson 8-O-glucoside**[64032-49-1] C<sub>20</sub>H<sub>24</sub>O<sub>9</sub> 408.4

MT15652

1mg	\$195.00
2mg	\$275.00
5mg	\$475.00

**Topiramate related compound B**see *Topiramate impurity B, MT59568 on page 560***m-Topolin-9-glucoside**

• 6-(3-hydroxybenzylamino)-9-b-D-glucopyranosyl purine

[179528-30-4] C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>6</sub> 403.39

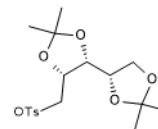
MT30284

1mg	\$245.00
2mg	\$390.00
5mg	\$750.00

**1-O-Tosyl-2,3:4,5-di-O-isopropylidene-L-arabinitol**C<sub>18</sub>H<sub>26</sub>O<sub>7</sub>S 386.46

MT06908

1g	\$89.30
2g	\$157.50
5g	\$262.50

**6-O-Tosyl-D-glucopyranose**

[26391-80-0]

MT44538

Price On Application

**o-Topolin-9-glucoside**

• 6-(2-hydroxybenzylamino)-9-b-D-glucopyranosylpurine

[160299-96-7] C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>6</sub> 403.39

MT30287

5mg	\$995.00
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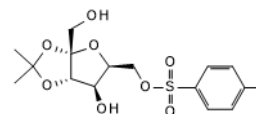
**6-O-Tosyl-2,3-O-isopropylidene-a-L-sorbofuranose**

- 2,3-O-(1-Methylethylidene)-a-L-sorbofuranose 6-(4-methylbenzenesulfonate)
- 2,3-O-Isopropylidene-a-L-sorbofuranose 6-p-toluenesulfonate

[2484-54-0] C<sub>16</sub>H<sub>22</sub>O<sub>6</sub>S 374.41

MT16871

1g	\$150.00
2g	\$255.00
5g	\$475.00

**p-Topolin-9-glucoside**

• 6-(4-hydroxybenzylamino)-9-b-D-glucopyranosylpurine

[1046433-04-8] C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>6</sub> 403.39

MT30292

5mg	\$995.00
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## Tosylmannose

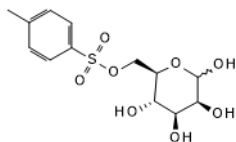
## 6-O-Tosyl-D-mannose

• D-Mannose 6-(4-methylbenzenesulfonate)

[105265-64-3] C<sub>18</sub>H<sub>18</sub>O<sub>8</sub>S 334.34

MT16872

1g	\$139.90
2g	\$254.40
5g	\$462.50



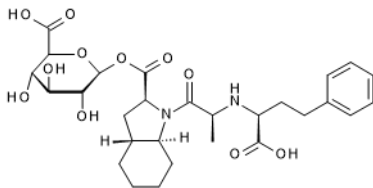
Refs: Yu, H, et al, Bioorg. Med. Chem, 12, 6427 (2004)

## Trandolaprilat acyl-D-glucuronide

C<sub>28</sub>H<sub>38</sub>N<sub>2</sub>O<sub>11</sub> 578.61

MT09947

Price On Application



## b,b-Trehalose

[499-23-0] C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> 342.3

MT04989

5mg	\$1050.00
10mg	\$1890.00
25mg	\$3000.00



## Trehalose octaacetate

• 2,3,4,6,2',3',4',6'-Octa-O-acetyl-α,α-trehalose

[25018-27-3] C<sub>28</sub>H<sub>38</sub>O<sub>19</sub> 678.59

MT05879

100g	\$1500.00
250g	\$2500.00



## Tremuloidin

• 2'-Benzoylsalicin

[529-66-8] C<sub>20</sub>H<sub>22</sub>O<sub>8</sub> 390.38

MT65927

250mg	\$75.00
500mg	\$120.00
1g	\$390.00



## 5-[(3,4,6-Tri-O-acetyl-2-acetylamido-2-deoxy-b-D-galactopyranosyl)oxy]pentanoic acid

[1159408-54-4] C<sub>19</sub>H<sub>29</sub>NO<sub>11</sub> 447.43

MT158223

100mg	\$1575.00
250mg	\$2400.00
500mg	\$3250.00



## 4,5,7-Tri-O-acetyl-2,6-anhydro-3-deoxy-D-arabino-hept-2-enonitrile

MT03494

Price On Application

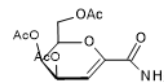


## 4,5,7-Tri-O-acetyl-2,6-anhydro-3-deoxy-D-lyxo-hept-2-enonamide

[183233-11-6] C<sub>13</sub>H<sub>17</sub>NO<sub>8</sub> 315.28

MT00734

1g	\$420.00
2g	\$630.00
5g	\$1155.00

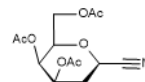


## 4,5,7-Tri-O-acetyl-2,6-anhydro-3-deoxy-D-lyxo-hept-2-enonitrile

[120085-63-4] C<sub>13</sub>H<sub>17</sub>NO<sub>7</sub> 299.28

MT00735

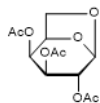
1g	\$315.00
2g	\$525.00
5g	\$1050.00



**2,3,4-Tri-O-acetyl-1,6-anhydro-b-D-galactopyranose**[4132-24-5] C<sub>12</sub>H<sub>16</sub>O<sub>8</sub> 288.25

MT16418

500mg	\$75.00
1g	\$135.00
2g	\$250.00

**2,3,4-Tri-O-acetyl-1,6-anhydro-b-D-glucopyranose**

- 1,6-Anhydro-b-D-glucose triacetate
- Levoglucosan triacetate

[13242-55-2] C<sub>12</sub>H<sub>16</sub>O<sub>8</sub> 288.25

MT06721

500mg	\$70.00
1g	\$125.00
2g	\$230.00



Refs: Fraser-Reid B, et al, J. Am. Chem. Soc. 1984, 106, 731; Edwards MP, et al, J. Org. Chem. 1984, 49, 3503; Kelly AG, Roberts JS, J. Chem. Soc. Chem. Commun. 1980, 228; Ogawa T, et al, Carbohydr. Res. 1997, 57, C31; Isobe M, et al, Tetrahedron Lett. 1987, 28, 6485

**2,3,5-Tri-O-acetyl-L-arabinofuranosyl fluoride**C<sub>11</sub>H<sub>15</sub>FO<sub>7</sub> 278.23

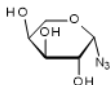
MT15417

100mg	\$85.00
250mg	\$150.00
500mg	\$275.00

**2,3,4-Tri-O-acetyl-b-L-arabinopyranosyl azide**C<sub>8</sub>H<sub>9</sub>N<sub>3</sub>O<sub>4</sub> 175.14

MT05273

Price On Application

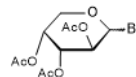
**2,3,4-Tri-O-acetyl-D-arabinopyranosyl bromide - Stabilised with 2% CaCO<sub>3</sub>**

- 1-Bromo-2,3,4-tri-O-acetyl-D-arabinopyranose

[113889-50-2] C<sub>11</sub>H<sub>15</sub>BrO<sub>7</sub> 339.14

MT06658

1g	\$95.00
2g	\$168.00
5g	\$315.00



Refs: Radha P, Lavanya KB, Jyothi Y, Sharma GVM, J. Carbohydr. Chem. Vol22, No6, p423-431

**2,3,4-Tri-O-acetyl-a-D-arabinopyranosyl cyanide**

MT15317

1g	\$840.00
2g	\$1260.00
5g	\$2100.00

**2,3,4-Tri-O-acetyl-b-D-arabinopyranosyl cyanide**

- 2,3,4-Tri-O-acetyl-1-deoxy-b-D-arabinopyranosyl cyanide

[89158-08-7] C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>7</sub> 301.3

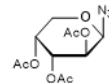
MT01038

Price On Application

**2,3,4-Tri-O-acetyl-1-O-azido-1-deoxy-b-D-arabinopyranoside**[100842-19-1] C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>7</sub> 301.25

MT58458

Price On Application



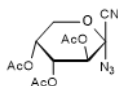
## Triacetylazi

## 2,3,4-Tri-O-acetyl-1-azido-1-deoxy-b-D-arabinopyranosyl cyanide

[168567-91-7] C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>7</sub> 326.26

MT01017

250mg	\$290.00
500mg	\$475.00
1g	\$798.00

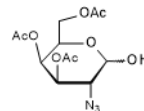


## 3,4,6-Tri-O-acetyl-2-azido-2-deoxy-D-galactose

[83025-10-9] C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>8</sub> 331.28

MT05278

500mg	\$60.00
1g	\$90.00
2g	\$170.00



Refs: Schmidt RR, Grundler G, Angew. Chem. Suppl. 1982, p1707; Barchi J, et al, Bioorg. Med. Chem. Lett. 1995, p711

## 3,4,6-Tri-O-acetyl-2-azido-2-deoxy-a-D-galactopyranosyl fluoride

MT30709

Price On Application



## 3,4,6-Tri-O-acetyl-2-azido-2-deoxy-a-D-glucopyranosyl fluoride

MT09318

Price On Application



## C-(2,3,4-Tri-O-acetyl-1-azido-1-deoxy-b-D-galactopyranosyl)formamide

[189633-67-8] C<sub>12</sub>H<sub>16</sub>N<sub>4</sub>O<sub>8</sub> 344.3

MT00728

Price On Application

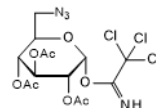


## 2,3,4-Tri-O-acetyl-6-azido-6-deoxy-a-D-glucopyranosyl trichloroacetimidate

[191668-79-8] C<sub>14</sub>H<sub>17</sub>Cl<sub>3</sub>N<sub>4</sub>O<sub>8</sub> 475.67

MT04362

Price On Application

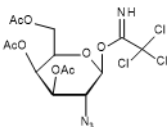


## 3,4,6-Tri-O-acetyl-2-azido-2-deoxy-b-D-galactopyranosyl trichloroacetimidate

[83025-11-0] C<sub>14</sub>H<sub>17</sub>Cl<sub>3</sub>N<sub>4</sub>O<sub>8</sub> 475.67

MT06635

500mg	\$150.00
1g	\$275.00
2g	\$490.00

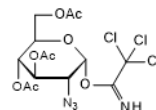


## 3,4,6-Tri-O-acetyl-2-azido-2-deoxy-a-D-glucopyranosyl trichloroacetimidate

[94715-56-7] C<sub>14</sub>H<sub>17</sub>Cl<sub>3</sub>N<sub>4</sub>O<sub>8</sub> 475.67

MT04361

5g	\$4875.00
10g	\$7500.00



## 3,4,6-Tri-O-acetyl-2-azido-2-deoxy-D-galactopyranosyl trichloroimidate

[167939-15-3]

MT00860

Price On Application



T

**2,4,6-Tri-O-acetyl-3-O-benzyl-β-D-glucopyranosylamine**[1025019-40-2] C<sub>19</sub>H<sub>25</sub>NO<sub>8</sub> 395.4

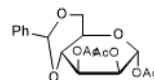
MT146794

25mg	\$95.00
50mg	\$175.00
100mg	\$310.00

**1,2,3-Tri-O-acetyl-4,6-O-benzylidene-α-D-mannopyranose**C<sub>19</sub>H<sub>22</sub>O<sub>9</sub> 394.37

MT08661

Price On Application

**2,4,6-Tri-O-acetyl-3-O-benzyl-α-D-glucopyranosyl bromide**

[34339-69-0]

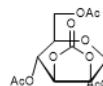
MT06931

Price On Application

**1,4,6-Tri-O-acetyl-2,3-O-carbonyl-α-D-mannopyranose**[53958-20-6] C<sub>13</sub>H<sub>16</sub>O<sub>10</sub> 332.26

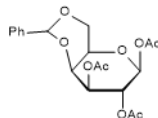
MT04502

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

**1,2,3-Tri-O-acetyl-4,6-O-benzylidene-β-D-galactopyranose**[78962-43-3] C<sub>19</sub>H<sub>22</sub>O<sub>9</sub> 394.37

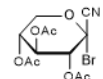
MT08658

100mg	\$65.00
250mg	\$120.00
500mg	\$190.00

**2,3,4-Tri-O-acetyl-1-cyano-α-D-xylopyranosyl bromide**[83497-43-2] C<sub>12</sub>H<sub>14</sub>BrNO<sub>7</sub> 364.15

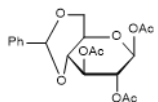
MT04133

Price On Application

**1,2,3-Tri-O-acetyl-4,6-O-benzylidene-β-D-glucopyranose**[173936-77-1][60618-81-7] C<sub>19</sub>H<sub>22</sub>O<sub>9</sub> 394.37

MT08659

10g	\$1155.00
25g	\$1969.00

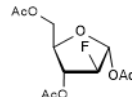
**2,3,4-Tri-O-acetyl-1-deoxy-β-D-arabinopyranosyl cyanide**

see 2,3,4-Tri-O-acetyl-β-D-arabinopyranosyl cyanide, MT01038 on page 563

**1,3,5-Tri-O-acetyl-2-deoxy-2-fluoro-α-D-arabinofuranose**[444586-86-1] C<sub>11</sub>H<sub>15</sub>FO<sub>7</sub> 278.23

MT04737

50mg	\$95.00
100mg	\$150.00
250mg	\$250.00

**Tri-O-acetyl-4,6-O-benzylidene-D-glucopyranose**[257925-66-9] C<sub>19</sub>H<sub>22</sub>O<sub>9</sub> 394.4

MT04116

Price On Application

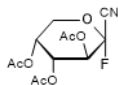


## Triacetyldeo

**2,3,4-Tri-O-acetyl-1-deoxy-1-fluoro-β-D-arabinopyranosyl cyanide**[215942-92-0] C<sub>12</sub>H<sub>14</sub>FNO<sub>7</sub> 303.24

MT06667

100mg	\$263.00
250mg	\$420.00
500mg	\$630.00

**1,3,4-Tri-O-acetyl-2-deoxy-2-fluoro-α-L-fucopyranose**

- 2-Fluoro-α-L-fucose triacetate
- 1,3,4-Tri-O-acetyl-2,6-dideoxy-2-fluoro-α-L-galactopyranose

[74554-12-4] C<sub>12</sub>H<sub>17</sub>FO<sub>7</sub> 292.26

MT153299

10mg	\$230.00
20mg	\$380.00
50mg	\$750.00

**1,3,4-Tri-O-acetyl-2-deoxy-2-fluoro-L-fucose**[188783-78-0] C<sub>12</sub>H<sub>17</sub>FO<sub>7</sub> 292.26

MT15919

10mg	\$70.00
25mg	\$137.50
50mg	\$250.00

**3,4,6-Tri-O-acetyl-2-deoxy-2-fluoro-β-D-galactopyranosyl azide**

MT45249

Price On Application

**3,4,6-Tri-O-acetyl-2-deoxy-2-fluoro-β-D-glucopyranosyl azide**

MT45247

Price On Application

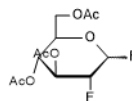
**3,4,6-Tri-O-acetyl-2-deoxy-2-fluoro-D-glucopyranosyl fluoride**

- 1,2-Dideoxy-1,2-difluoro-3,4,6-tri-O-acetyl-D-glucopyranose

[86786-39-2] C<sub>12</sub>H<sub>16</sub>F<sub>2</sub>O<sub>7</sub> 310.25

MT04731

25mg	\$125.00
50mg	\$195.00
100mg	\$350.00

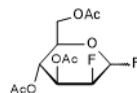
**3,4,6-Tri-O-acetyl-2-deoxy-2-fluoro-D-mannopyranosyl fluoride**

- 1,2-Dideoxy-1,2-difluoro-3,4,6-tri-O-acetyl-D-mannopyranoside

C<sub>12</sub>H<sub>16</sub>F<sub>2</sub>O<sub>7</sub> 310.25

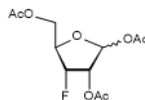
MT01945

5mg	\$89.30
10mg	\$168.00
25mg	\$315.00

**1,2,5-Tri-O-acetyl-3-deoxy-3-fluoro-D-ribofuranose**[1556020-32-6] C<sub>11</sub>H<sub>15</sub>FO<sub>7</sub> 278.23

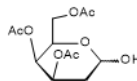
MT10103

1g	\$1950.00
2g	\$3250.00
5g	\$4875.00

**3,4,6-Tri-O-acetyl-2-deoxy-D-galactopyranose**C<sub>12</sub>H<sub>18</sub>O<sub>8</sub> 290.27

MT07036

25mg	\$157.50
50mg	\$262.50
100mg	\$473.00

**2,3,4-Tri-O-acetyl-6-deoxy-L-galactopyranosyl bromide**

see 2,3,4-Tri-O-acetyl-α-L-fucopyranosyl bromide, MT04461 on page 570

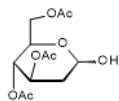
**3,4,6-Tri-O-acetyl-2-deoxy-D-glucopyranose**

• 2-Deoxy-D-glucopyranose 3,4,6-triacetate

[69503-94-2] C<sub>12</sub>H<sub>18</sub>O<sub>8</sub> 290.27

MT07035

250mg	\$80.00
500mg	\$135.00
1g	\$260.00

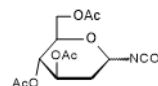
**3,4,6-Tri-O-acetyl-2-deoxy-D-glucopyranosyl isocyanate**

• 2-Deoxy-1-isocyanto-D-glucose-triacetate

C<sub>13</sub>H<sub>17</sub>NO<sub>8</sub> 315.28

MT04652

250mg	\$420.00
500mg	\$630.00
1g	\$945.00

**2,3,4-Tri-O-acetyl-6-deoxy-a-D-glucopyranosyl trichloroacetimidate**[120449-23-2] C<sub>14</sub>H<sub>18</sub>Cl<sub>3</sub>NO<sub>8</sub> 434.65

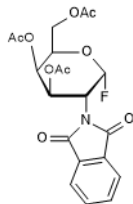
MT04364

Price On Application

**3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-a-D-galactopyranosyl fluoride**[177966-56-2] C<sub>20</sub>H<sub>20</sub>FNO<sub>9</sub> 437.37

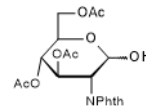
MT06140

250mg	\$150.00
500mg	\$250.00
1g	\$395.00

**3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-D-glucopyranose**C<sub>20</sub>H<sub>21</sub>NO<sub>10</sub> 435.38

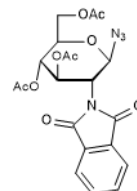
MT10934

100mg	\$84.00
250mg	\$197.50
500mg	\$345.00

**3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl azide**C<sub>20</sub>H<sub>20</sub>N<sub>4</sub>O<sub>9</sub> 460.39

MT08387

500mg	\$150.00
1g	\$250.00
2g	\$450.00

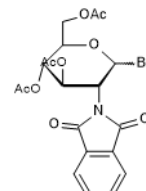
**3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-D-glucopyranosyl bromide**

• 1-Bromo-2-deoxy-2-N-phthalimido-3,4,6-tri-O-acetyl-D-glucopyranoside

[70831-94-6][10028-45-2] C<sub>20</sub>H<sub>20</sub>BrNO<sub>9</sub> 498.28

MT04667

5g	\$918.80
10g	\$1417.50
25g	\$1969.00



Refs: Am. Chem. Symp. Ser. 1976, 39, 90

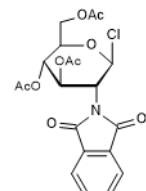
**3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl chloride**

• 1-Chloro-2-deoxy-2-phthalimido-3,4,6-tri-O-acetyl-b-D-glucopyranoside

[7772-87-4] C<sub>20</sub>H<sub>20</sub>ClNO<sub>9</sub> 453.83

MT05342

500mg	\$95.00
1g	\$168.00
2g	\$262.50



Refs: Roy S, Sarkar S, Roy N, Synth. Commun. 2004, Vol34, Pt6, p1125-1140

## Triacetyldeo

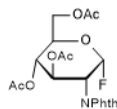
## 3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-a-D-glucopyranosyl fluoride

• 2-Deoxy-2-phthalimido-tri-acetofluoro-a-D-glucose

[147157-97-9] C<sub>20</sub>H<sub>20</sub>FNO<sub>9</sub> 437.37

MT05044

250mg	\$150.00
500mg	\$250.00
1g	\$395.00



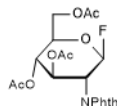
Refs: Unverzagt C, Kunz H, J. Prakt. Chem. Chem-Zig, 1992, 334, p570

## 3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl fluoride

C<sub>20</sub>H<sub>20</sub>FNO<sub>9</sub> 437.37

MT10913

100mg	\$105.00
250mg	\$237.50
500mg	\$420.00

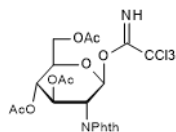


## 3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl trichloroacetimidate

[87190-67-8] C<sub>22</sub>H<sub>21</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>10</sub> 579.77

MT06213

250mg	\$210.00
500mg	\$345.00
1g	\$525.00



## 1,2,3-Tri-O-acetyl-5-deoxy-b-D-ribofuranose

[62211-93-2] C<sub>11</sub>H<sub>16</sub>O<sub>7</sub> 260.24

MT05315

10g	\$42.00
25g	\$73.50
50g	\$126.00



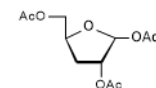
Refs: Sairam P, Puranik R, Sreenivasa RB, Veerabhadra SP, Chandra S, Carbohydr. Res. 2003, Vol338, No4, p303-306

## 1,2,5-Tri-O-acetyl-3-deoxy-D-ribofuranose

[865853-43-6] C<sub>11</sub>H<sub>16</sub>O<sub>7</sub> 260.24

MT32505

500mg	\$800.00
1g	\$1200.00
2g	\$1800.00

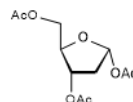


## 1,3,5-Tri-O-acetyl-2-deoxy-a-D-ribofuranose

[96291-74-6] C<sub>11</sub>H<sub>16</sub>O<sub>7</sub> 260.24

MT02892

Price On Application

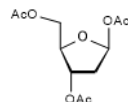


## 1,3,5-Tri-O-acetyl-2-deoxy-b-D-ribofuranose

[96291-75-7] C<sub>11</sub>H<sub>16</sub>O<sub>7</sub> 260.24

MT02888

Price On Application

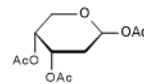


## 1,3,4-Tri-O-acetyl-2-deoxy-D-ribofuranose

[95585-77-6] C<sub>11</sub>H<sub>16</sub>O<sub>7</sub> 260.24

MT30444

1g	\$630.00
2g	\$945.00
5g	\$1837.50



## 1,2,3-Tri-O-Acetyl-5-deoxy-D-ribose

[1234990-04-5] C<sub>11</sub>H<sub>16</sub>O<sub>7</sub> 260.24

MT57327

5g	\$93.00
10g	\$148.80
25g	\$238.00



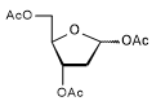
T



**1,3,5-Tri-O-acetyl-2-deoxy-D-ribose**[4594-52-9] C<sub>11</sub>H<sub>16</sub>O<sub>7</sub> 260.24

MT02833

1g	\$50.00
2g	\$90.00
5g	\$180.00

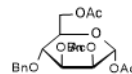
**1,2,6-Tri-O-acetyl-3,4-di-O-benzyl-a-D-mannopyranose**

• 3,4-Di-O-benzyl-1,2,6-tri-O-acetyl-a-D-mannopyranose

[65827-57-8] C<sub>26</sub>H<sub>30</sub>O<sub>9</sub> 486.51

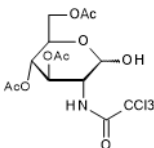
MT04699

200mg	\$106.00
500mg	\$210.00
1g	\$315.00

**3,4,6-Tri-O-acetyl-2-deoxy-2-trichloroacetamido-D-glucopyranose**C<sub>14</sub>H<sub>18</sub>Cl<sub>3</sub>NO<sub>9</sub> 450.66

MT07533

500mg	\$420.00
1g	\$735.00
2g	\$1155.00

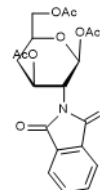
**1,3,4-Tri-O-acetyl-2,6-dideoxy-2-fluoro-a-L-galactopyranose**

see 1,3,4-Tri-O-acetyl-2-deoxy-2-fluoro-a-L-fucopyranose, MT153299 on page 566

**1,3,6-Tri-O-acetyl-2,4-dideoxy-2-phthalimido-b-D-glucopyranose**C<sub>20</sub>H<sub>21</sub>NO<sub>9</sub> 419.38

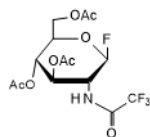
MT07186

25mg	\$89.50
50mg	\$168.00
100mg	\$263.00

**3,4,6-Tri-O-acetyl-2-deoxy-2-trifluoroacetamido-b-D-glucopyranosyl fluoride**[137686-91-0] C<sub>14</sub>H<sub>17</sub>F<sub>4</sub>NO<sub>8</sub> 403.28

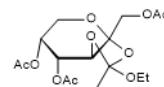
MT04883

50mg	\$75.00
100mg	\$125.00
250mg	\$212.50

**3,4,6-Tri-O-acetyl-1,2-O-ethoxyethylidene-a-D-fructopyranose**C<sub>16</sub>H<sub>24</sub>O<sub>10</sub> 376.36

MT08390

500mg	\$120.00
1g	\$210.00
2g	\$315.00

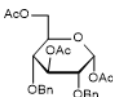
**1,3,6-Tri-O-acetyl-2,4-di-O-benzyl-a-D-glucopyranose**

• 2,4-Di-O-benzyl-1,3,6-tri-O-acetyl-a-D-glucopyranose

[79414-66-7] C<sub>26</sub>H<sub>30</sub>O<sub>9</sub> 486.51

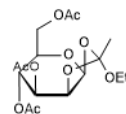
MT06802

500mg	\$95.00
1g	\$168.00
2g	\$262.50

**3,4,6-Tri-O-acetyl-1,2-O-ethoxyethylidene-b-D-mannopyranose**[28140-37-6] C<sub>16</sub>H<sub>24</sub>O<sub>10</sub> 376.36

MT05052

1g	\$90.00
2g	\$150.00
5g	\$300.00



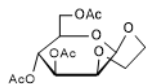
## Triacetylleth

## 3,4,6-Tri-O-acetyl-1,2-O-ethylidene-b-D-mannopyranoside

[630102-81-7] C<sub>14</sub>H<sub>20</sub>O<sub>9</sub> 332.3

MT09831

50mg	\$94.50
100mg	\$158.00
250mg	\$262.50

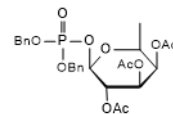


## 2,3,4-Tri-O-acetyl-b-L-fucopyranosyl dibenzyl phosphate

[128473-05-2] C<sub>28</sub>H<sub>31</sub>O<sub>11</sub>P 550.49

MT30779

500mg	\$315.00
1g	\$525.00
2g	\$840.00



## 2,3,4-Tri-O-acetyl-L-fucal

- L-arabino-Hex-enitol, 2,6-anhydro-1-deoxy-3,4,5-tri-O-acetate

[114718-44-4] C<sub>12</sub>H<sub>16</sub>O<sub>7</sub> 272.25

MT75009

Price On Application



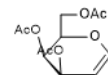
## 3,4,6-Tri-O-acetyl-D-galactal

- 1,2-Dideoxy-3,4,6-tri-O-acetyl-D-lyxo-1-hexenopyranose
- 2,6-Anhydro-5-deoxy-D-arabino-hex-5-enitol 1,3,4-triacetate

[4098-06-0] C<sub>12</sub>H<sub>16</sub>O<sub>7</sub> 272.25

MT05853

5g	\$75.00
10g	\$120.00
25g	\$245.00



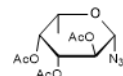
Refs: Jacquinet JC, Carbohydr. Res. 1990, p153-81

## 2,3,4-Tri-O-acetyl-b-L-fucopyranosyl azide

[95581-07-0] C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>7</sub> 315.28

MT01052

100mg	\$79.00
250mg	\$120.00
500mg	\$210.00



Refs: Norris P, Zeller M, Acta Crystallogr. Sect. E 2005, E61, 729-730

## 3,4,6-Tri-O-acetyl-D-galactal - non-animal origin

[4098-06-0] C<sub>12</sub>H<sub>16</sub>O<sub>7</sub> 272.25

MT139173

Price On Application



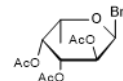
## 2,3,4-Tri-O-acetyl-a-L-fucopyranosyl bromide

- Acetobromofucose
- 2,3,4-Tri-O-acetyl-6-deoxy-L-galactopyranosyl bromide

[16741-27-8] C<sub>12</sub>H<sub>17</sub>BrO<sub>7</sub> 353.16

MT04461

100mg	\$125.00
250mg	\$250.00
500mg	\$400.00



Refs: Zehavi U, Patchornik A, J. Org. Chem. 1972, Vol37, No14, p2285

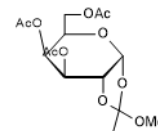
## 3,4,6-Tri-O-acetyl-a-D-galactopyranose 1,2-(methyl orthoacetate)

- 3,4,6-Tri-O-acetyl-1,2-O-(1-methoxyethylidene)-a-D-glucopyranose

[50801-29-1] C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

MT04872

1g	\$195.00
2g	\$350.00
5g	\$675.00



**Tri-O-acetyl-b-D-GlcNAc-Fmoc Asn tert-Butyl Ester**C<sub>34</sub>H<sub>45</sub>N<sub>3</sub>O<sub>13</sub> 703.73

MT04230

Price On Application

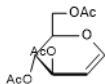
**3,4,6-Tri-O-acetyl-D-glucal**

• 1,5-Anhydro-2-deoxy-D-arabino-hex-1-enitol triacetate

[2873-29-2] C<sub>12</sub>H<sub>16</sub>O<sub>7</sub> 272.25

MT00681

50g	\$60.00
100g	\$100.00
250g	\$230.00

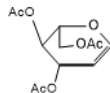


Refs: Ismail AH, Pharmazie. 2001, Jul, 56(7), 534-5

**3,4,6-Tri-O-acetyl-L-glucal**[63640-41-5] C<sub>12</sub>H<sub>16</sub>O<sub>7</sub> 272.25

MT02615

250mg	\$175.00
500mg	\$265.00
1g	\$425.00

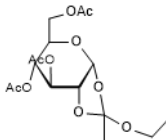


Refs: Lee J, Lewin NE, Acs P, Blumberg PM, Marquez VE, J. Med. Chem, 1996, 39, p4912

**3,4,6-Tri-O-acetyl-a-D-glucopyranose 1,2-(ethyl orthoacetate)**[3254-17-9] C<sub>16</sub>H<sub>24</sub>O<sub>10</sub> 376.35

MT07344

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

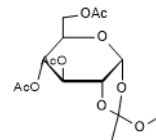
**3,4,6-Tri-O-acetyl-a-D-glucopyranose 1,2-(methyl orthoacetate)**

• 3,4,6-Tri-O-acetyl-1,2-O-(1-methoxyethylidene)-a-D-glucopyranose

[3254-16-8] C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

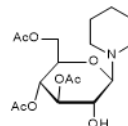
MT04889

1g	\$168.00
2g	\$283.50
5g	\$525.00

**N-(3,4,6-Tri-O-acetyl-b-D-glucopyranosyl)piperidine**[52389-39-6] C<sub>17</sub>H<sub>27</sub>NO<sub>8</sub> 373.4

MT00701

5g	\$475.00
10g	\$850.00
25g	\$1625.00

**2,3,4-Tri-O-acetyl-D-glucopyranuronic acid methyl ester, 1-(2,2,2-trifluoro-N-phenylethanamide)**

see 1-(2,2,2-Trifluoro-N-phenylethanamide)-2,3,4-tri-O-acetyl-D-glucopyranuronic acid methyl ester, MT16877 on page 590

T

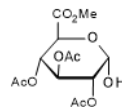
**2,3,4-Tri-O-acetyl-a-D-glucuronic acid methyl ester**

• Methyl-(2,3,4-tri-O-acetyl-a-D-glucopyranosyl)uronate

[72692-06-9] C<sub>13</sub>H<sub>18</sub>O<sub>10</sub> 334.28

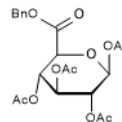
MT16881

Price On Application

**1,2,3,4-Tri-O-acetyl-b-D-glucuronide benzyl ester**C<sub>21</sub>H<sub>24</sub>O<sub>11</sub> 452.41

MT10319

250mg	\$150.00
500mg	\$250.00
1g	\$360.00

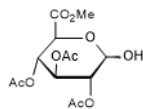


**Triacetylglu****2,3,4-Tri-O-acetyl-D-glucuronide methyl ester**

• Methyl-(2,3,4-tri-O-acetyl-D-glucopyranosyl)uronate

[3082-95-9] C<sub>13</sub>H<sub>18</sub>O<sub>10</sub> 334.28

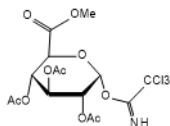
MT05111

500mg \$70.00  
1g \$125.00  
2g \$220.00**2,3,4-Tri-O-acetyl-a-D-glucuronide methyl ester trichloroacetimidate**

• Methyl-(2,3,4-tri-O-acetyl-a-D-glucopyranosyl trichloroacetimidate)uronate

[92420-89-8] C<sub>15</sub>H<sub>18</sub>Cl<sub>3</sub>NO<sub>10</sub> 478.66

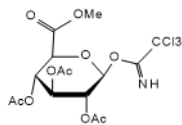
MT04878

50mg \$85.00  
100mg \$145.00  
250mg \$275.00**2,3,4-Tri-O-acetyl-b-D-glucuronide methyl ester trichloroacetimidate**

• Methyl-(2,3,4-tri-O-acetyl-b-D-glucopyranosyl trichloroacetimidate)uronate

[197895-54-8] C<sub>15</sub>H<sub>18</sub>Cl<sub>3</sub>NO<sub>10</sub> 478.66

MT16883

5mg \$109.90  
10mg \$199.90  
25mg \$363.50

Refs: Burnett, D, et al, Bioorg. Med. Chem. Lett, 12, 311 (2002)

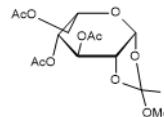
**C-(2,3,4-Tri-O-acetyl-1-hydroxy-b-D-galactopyranosyl)formamide**[189633-66-7] C<sub>12</sub>H<sub>17</sub>NO<sub>9</sub> 319.3

MT02177

Price On Application

**3,4,6-Tri-O-acetyl-b-L-idopyranose 1,2-(methyl orthoacetate)**C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

MT04860

10mg \$89.30  
25mg \$157.50  
50mg \$262.50**3,4,6-Tri-O-acetyl-1,2-O-(1-isopropoxy-1-alkoxyethylidene)-b-D-mannopyranose**

Price On Application

MT46581

**3,4,6-Tri-O-acetyl-1,2-O-isopropylidene-b-D-fructofuranose**

• 1,2-O-Isopropylidene-b-D-fructofuranose 3,4,6-triacetate

[76512-89-5] C<sub>15</sub>H<sub>22</sub>O<sub>9</sub> 346.4

MI01169

10g \$2750.00

**1,4,6-Tri-O-acetyl-2,3-O-isopropylidene-a-D-mannopyranose**

MT76192

5g \$50.00  
10g \$70.00  
25g \$125.00

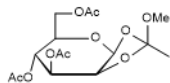
**3,4,6-Tri-O-acetyl-b-D-mannopyranose 1,2-(methyl orthoacetate)**

• 3,4,6-Tri-O-acetyl-1,2-O-(1-methoxyethylidene)-b-D-mannopyranose

[4435-05-6] C<sub>15</sub>H<sub>22</sub>O<sub>10</sub> 362.33

MT04874

500mg	\$55.00
1g	\$84.00
2g	\$157.50



Refs: Carbohydr. Res. 1982, 103, 15

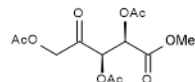
**3,4,6-Tri-O-acetyl-1,2-O-(1-methoxyethylidene)-b-D-mannopyranose**

see 3,4,6-Tri-O-acetyl-b-D-mannopyranose 1,2-(methyl orthoacetate), MT04874 on page 573

**Tri-O-acetyl-4-pentulosonic acid methyl ester**C<sub>12</sub>H<sub>16</sub>O<sub>9</sub> 304.25

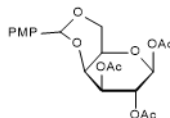
MT01895

Price On Application

**1,2,3-Tri-O-acetyl-4,6-O-(4-methoxybenzylidene)-b-D-galactopyranose**C<sub>20</sub>H<sub>24</sub>O<sub>10</sub> 424.4

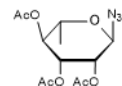
MT08662

Price On Application

**2,3,4-Tri-O-acetyl-a-L-rhamnopyranosyl azide**C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>7</sub> 315.28

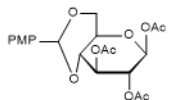
MT00691

500mg	\$135.00
1g	\$210.00
2g	\$315.00

**1,2,3-Tri-O-acetyl-4,6-O-(4-methoxybenzylidene)-b-D-glucopyranose**[316790-34-8] C<sub>20</sub>H<sub>24</sub>O<sub>10</sub> 424.4

MT08660

Price On Application

**2,3,5-Tri-O-acetyl-b-L-ribofuranosyl chloride**

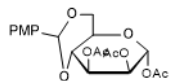
MT03770

Price On Application

**1,2,3-Tri-O-acetyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranose**C<sub>20</sub>H<sub>24</sub>O<sub>10</sub> 424.4

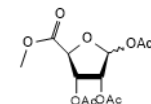
MT08663

1g	\$787.50
2g	\$1102.50
5g	\$2100.00

**1,2,3-Tri-O-acetyl-b-D-ribofuranuronic acid methyl ester**[68673-84-7] C<sub>12</sub>H<sub>16</sub>O<sub>9</sub> 304.25

MR16850

500mg	\$115.00
1g	\$195.00
2g	\$350.00



Refs: Hutchison, A, et al, J. Pharmacol. Exp. Ther, 251, 47 (1989)

**3,4,6-Tri-O-acetyl-1,2-O-(1-methoxyethylidene)-a-D-glucopyranose**

see 3,4,6-Tri-O-acetyl-a-D-galactopyranose 1,2-(methyl orthoacetate), MT04872 on page 570

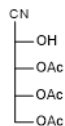
**3,4,6-Tri-O-acetyl-1,2-O-(1-methoxyethylidene)-a-D-glucopyranose**

see 3,4,6-Tri-O-acetyl-a-D-glucopyranose 1,2-(methyl orthoacetate), MT04889 on page 571

**Triacetylrib****2,3,4-Tri-O-acetyl-D-ribonitrile**C<sub>11</sub>H<sub>15</sub>NO<sub>7</sub> 273.24

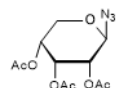
MT04000

Price On Application

**2,3,4-Tri-O-acetyl-b-D-ribofuranosyl azide**C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>7</sub> 301.26

MT05859

500mg	\$105.00
1g	\$189.00
2g	\$294.00

**3,4,6-Tri-O-acetyl-2-O-trifluoromethanesulfonyl-b-D-mannopyranosyl azide**

[1159265-99-2]

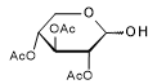
MT45251

100mg	\$1950.00
250mg	\$3125.00

**2,3,4-Tri-O-acetyl-D-xylopyranose**[55018-54-7][106820-14-8] C<sub>11</sub>H<sub>16</sub>O<sub>8</sub> 276.24

MT06123

50mg	\$100.00
100mg	\$190.00
250mg	\$375.00



Refs: Utille JP, et al, Carbohydr. Res, 1982, 106, p43

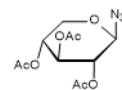
**2,3,4-Triacetyl-a-D-xylopyranose 1-(2,2,2-trichloroethanimidate)**

see 2,3,4-Tri-O-acetyl-a-D-xylopyranosyl trichloroacetimidate, MT08454 on page 574

**2,3,4-Tri-O-acetyl-b-D-xylopyranosyl azide**[53784-33-1] C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>7</sub> 301.25

MT01040

1g	\$195.00
2g	\$350.00
5g	\$750.00



Refs: Gyorgydeak Z, et al, Annalen, 1986, p1393

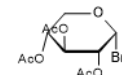
**2,3,4-Tri-O-acetyl-a-D-xylopyranosyl bromide - Stabilised with 2.5% CaCO<sub>3</sub>**

- Acetobromo-a-D-xylose
- 1-Bromo-2,3,4-tri-O-acetyl-a-D-xylopyranoside

[3068-31-3] C<sub>11</sub>H<sub>15</sub>BrO<sub>7</sub> 339.14

MT04675

50mg	\$50.00
100mg	\$90.00
250mg	\$120.00

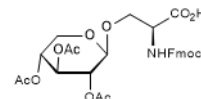


Refs: Bochkov AF, Obruchnikov IV, NK Kochetkov, Russ. Chem. Bull. 1971, Vol20, No6, p1186-1193

**2,3,4-Tri-O-acetyl-b-D-xylopyranosyl-Fmoc-L-serine**C<sub>29</sub>H<sub>31</sub>NO<sub>12</sub> 585.56

MT09620

50mg	\$630.00
100mg	\$945.00
250mg	\$2100.00

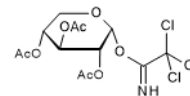
**2,3,4-Tri-O-acetyl-a-D-xylopyranosyl trichloroacetimidate**

- 2,3,4-Triacetyl-a-D-xylopyranose 1-(2,2,2-trichloroethanimidate)

[128376-91-0] C<sub>13</sub>H<sub>16</sub>Cl<sub>3</sub>NO<sub>8</sub> 420.63

MT08454

50mg	\$100.00
100mg	\$190.00
250mg	\$375.00



Refs: Mori M, Ito Y, Ogawa T, Carbohydr. Res. 1990, Jan 15, 195(2), 199-224



**3,4,6-Tri-O-allyl-D-glucal**[434327-45-4] C<sub>15</sub>H<sub>22</sub>O<sub>4</sub> 266.33

MT45836

Price On Application

**Tribenoside**see *Ethyl 3,5,6-tri-O-benzyl-D-glucofuranoside, ME02540 on page 254***2,3,5-Tri-O-benzoyl-a-D-arabinofuranosyl bromide**[4348-68-9] C<sub>26</sub>H<sub>21</sub>BrO<sub>7</sub> 525.34

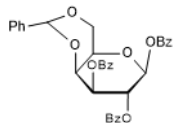
MT58225

250mg	\$80.00
500mg	\$125.00
1g	\$195.00

**1,2,3-Tri-O-benzoyl-4,6-O-benzylidene-b-D-galactopyranose**C<sub>34</sub>H<sub>26</sub>O<sub>9</sub> 580.58

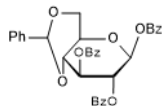
MT08588

Price On Application

**1,2,3-Tri-O-benzoyl-4,6-O-benzylidene-b-D-glucopyranose**[113544-56-2] C<sub>34</sub>H<sub>26</sub>O<sub>9</sub> 580.58

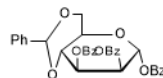
MT08589

Price On Application

**1,2,3-Tri-O-benzoyl-4,6-O-benzylidene-a-D-mannopyranose**C<sub>34</sub>H<sub>26</sub>O<sub>9</sub> 580.58

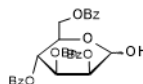
MT08590

Price On Application

**2,4,6-Tri-O-benzoyl-3-O-benzyl-D-mannopyranose**C<sub>34</sub>H<sub>30</sub>O<sub>9</sub> 582.6

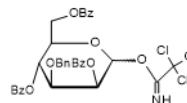
MT00142

Price On Application

**2,4,6-Tri-O-benzoyl-3-benzyl-D-mannopyranosyl trichloroacetimidate**C<sub>36</sub>H<sub>30</sub>Cl<sub>3</sub>NO<sub>9</sub> 726.98

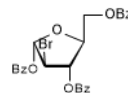
MT06586

Price On Application

**1,3,5-Tri-O-benzoyl-2-bromo-2-deoxy-a-L-arabinofuranose**C<sub>26</sub>H<sub>21</sub>BrO<sub>7</sub> 525.34

MT44536

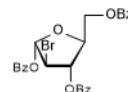
Price On Application

**1,3,5-Tri-O-benzoyl-2-bromo-2-deoxy-a-L-arabinofuranose**C<sub>26</sub>H<sub>21</sub>BrO<sub>7</sub> 525.34

MT58360

5g

\$89.70



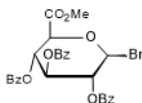
## Tribenzoylbr

## 2,3,4-Tri-O-benzoyl-1-bromo-D-glucuronide methyl ester

C<sub>28</sub>H<sub>23</sub>BrO<sub>9</sub> 583.38

MT07345

50mg	\$89.50
100mg	\$168.00
250mg	\$262.50



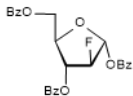
## 1,3,5-Tri-O-benzoyl-2-deoxy-2-fluoro-a-D-arabinofuranose

- 2-Deoxy-2-fluoro-1,3,5-tri-O-benzoyl-a-D-arabinofuranose
- 2-Fluoro-2-deoxy-1,3,5-tri-O-benzoyl-a-D-arabinofuranose

[97614-43-2] C<sub>26</sub>H<sub>21</sub>FO<sub>7</sub> 464.44

MT04218

1g	\$35.00
2g	\$50.00
5g	\$85.00



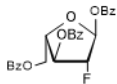
Refs: Ikeda H, Fernandez R, Wilk A, Barchi Jr JJ, Huang X, Marquez VE, Nucleic Acids Res. Vol26, No9, p2237-2244

## 1,3,5-Tri-O-benzoyl-2-deoxy-2-fluoro-a-L-arabinofuranose

[171721-00-9] C<sub>26</sub>H<sub>21</sub>FO<sub>7</sub> 464.44

MT06404

500mg	\$65.00
1g	\$110.00
2g	\$190.00

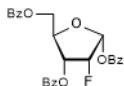


## 1,3,5-Tri-O-benzoyl-2-deoxy-2-fluoro-a-D-ribofuranose

[704916-12-1] C<sub>26</sub>H<sub>21</sub>FO<sub>7</sub> 464.44

MT32209

25mg	\$60.00
50mg	\$95.00
100mg	\$175.00



## 1,2,3-Tri-O-benzoyl-4-deoxy-a-L-fucopyranose

- 1,2,3-Tri-O-benzoyl-4,6-dideoxy-a-L-xylopyranose
- 1,2,3-Tri-O-benzoyl-4,6-dideoxy-a-L-xylo-hexopyranose

[132867-80-2] C<sub>27</sub>H<sub>24</sub>O<sub>7</sub> 460.48

MT04887

5mg	\$89.30
10mg	\$157.50
25mg	\$262.50

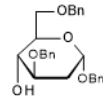


## 1,3,6-Tri-O-benzoyl-2-deoxy-a-D-glucopyranoside

C<sub>27</sub>H<sub>30</sub>O<sub>5</sub> 434.52

MT04584

500mg	\$95.00
1g	\$168.00
2g	\$262.50



Refs: Yashunsky DV, Nikolaev AV, Perkin 1, 2000, 8, p1195-1198

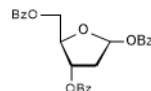
## 1,3,5-Tri-O-benzoyl-2-deoxyribofuranose

- 2-Deoxy-ribose 1,3,5-Tribenzoate

[145416-96-2] C<sub>26</sub>H<sub>22</sub>O<sub>7</sub> 446.45

MT28570

100mg	\$87.00
250mg	\$157.50
500mg	\$290.00

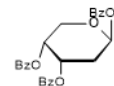


## 1,3,4-Tri-O-benzoyl-2-deoxy-b-D-ribofuranose

[124152-17-6] C<sub>26</sub>H<sub>22</sub>O<sub>7</sub> 446.45

MT01641

500mg	\$135.00
1g	\$210.00
2g	\$378.00





**1,2,3-Tri-O-benzoyl-4,6-dideoxy-4-iodo-a-L-glucopyranose**[132867-78-8] C<sub>27</sub>H<sub>23</sub>O<sub>7</sub> 586.37

MT01787

10mg	\$89.30
25mg	\$157.50
50mg	\$262.50

**1,2,3-Tri-O-benzoyl-4,6-dideoxy-a-L-xylo-hexopyranose**

see 1,2,3-Tri-O-benzoyl-4-deoxy-a-L-fucopyranose, MT04887 on page 576

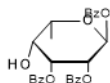
**1,2,3-Tri-O-benzoyl-4,6-dideoxy-a-L-xylopyranose**

see 1,2,3-Tri-O-benzoyl-4-deoxy-a-L-fucopyranose, MT04887 on page 576

**1,2,3-Tri-O-benzoyl-a-L-fucopyranose**[132867-76-6] C<sub>27</sub>H<sub>24</sub>O<sub>8</sub> 476.47

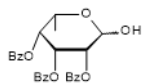
MT04885

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

**2,3,4-Tri-O-benzoyl-L-fucopyranose**[485821-70-3] C<sub>27</sub>H<sub>24</sub>O<sub>8</sub> 476.47

MT04881

100mg	\$158.00
250mg	\$262.50
500mg	\$475.00

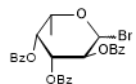
**2,3,4-Tri-O-benzoyl-L-fucopyranosyl bromide**

• 1-Bromo-2,3,4-tri-O-benzoyl-L-fucopyranoside

[855662-12-3] C<sub>27</sub>H<sub>23</sub>BrO<sub>7</sub> 539.37

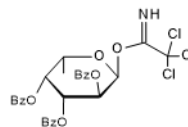
MT04666

250mg	\$472.50
500mg	\$735.00
1g	\$1155.00

**2,3,4-Tri-O-benzoyl-a-L-fucopyranosyl trichloroacetimidate**[180476-30-6] C<sub>29</sub>H<sub>24</sub>Cl<sub>3</sub>NO<sub>8</sub> 620.86

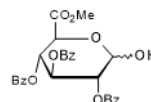
MT04876

250mg	\$630.00
500mg	\$945.00
1g	\$1470.00

**2,3,4-Tri-O-benzoyl-D-glucuronide methyl ester**[50767-71-0] C<sub>28</sub>H<sub>24</sub>O<sub>10</sub> 520.14

MT07347

50mg	\$85.00
100mg	\$150.00
200mg	\$240.00

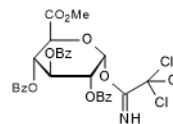
**2,3,4-Tri-O-benzoyl-a-D-glucuronide methyl ester trichloroacetimidate**

• Methyl-(2,3,4-tri-O-benzoyl-a-D-glucopyranosyl trichloroacetimidate)uronate

[169557-99-7] C<sub>30</sub>H<sub>24</sub>Cl<sub>3</sub>NO<sub>10</sub> 664.87

MT05731

25mg	\$75.00
50mg	\$125.00
100mg	\$195.00

**1,3,5-Tri-O-benzoyl-2-O-(1H-imidazole-1-sulfonate) a-L-arabinofuranose**

[171720-99-3]

MB44535

Price On Application



## Tribenzoylim

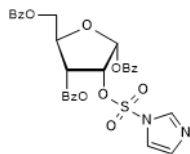
## 1,3,5-Tri-O-benzoyl-2-O-(1H-imidazole-1-sulfonate)-a-D-ribofuranose

• 2-(1'-Imidazolylsulfonyl)-1,3,5-tri-o-benzoyl-a-d-ribofuranose

[97614-42-1] C<sub>29</sub>H<sub>24</sub>N<sub>2</sub>O<sub>10</sub>S 592.57

MT06776

10g	\$55.00
25g	\$105.00
50g	\$185.00

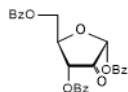


## 1,3,5-Tri-O-benzoyl-2-keto-a-D-ribofuranose

[157037-56-4] C<sub>26</sub>H<sub>20</sub>O<sub>8</sub> 460.43

MT11734

5g	\$1050.00
10g	\$1750.00
25g	\$3000.00

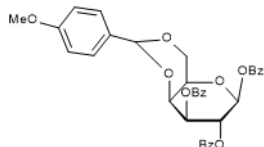


## 1,2,3-Tri-O-benzoyl-4,6-O-(4-methoxybenzylidene)-b-D-galactopyranose

C<sub>35</sub>H<sub>30</sub>O<sub>10</sub> 610.61

MT08591

Price On Application

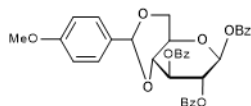


## 1,2,3-Tri-O-benzoyl-4,6-O-(4-methoxybenzylidene)-b-D-glucopyranose

C<sub>35</sub>H<sub>30</sub>O<sub>10</sub> 610.61

MT08592

Price On Application

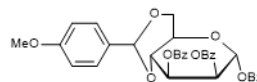


## 1,2,3-Tri-O-benzoyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranose

C<sub>35</sub>H<sub>30</sub>O<sub>10</sub> 610.61

MT08593

1g	\$787.50
2g	\$1102.50
5g	\$2100.00

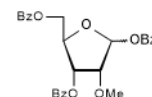


## 1,3,5-Tri-O-benzoyl-2-O-methyl-D-ribofuranose

[68045-07-8] C<sub>27</sub>H<sub>24</sub>O<sub>8</sub> 476.47

MT00963

500mg	\$100.00
1g	\$147.00
2g	\$262.50



## 2,3,5-Tri-O-benzoyl-2-C-methyl-D-ribofuranose

[30361-17-2] C<sub>27</sub>H<sub>24</sub>O<sub>8</sub> 476.47

MT14101

Price On Application

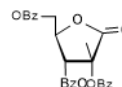


## 2,3,5-Tri-O-benzoyl-2-C-methyl-D-ribonic acid-1,4-lactone

[7392-74-7] C<sub>27</sub>H<sub>22</sub>O<sub>8</sub> 474.46

MT06807

5g	\$63.00
10g	\$105.00
25g	\$210.00

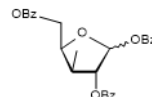


## 1,2,5-Tri-O-benzoyl-3-methyl-D-xylofuranose

C<sub>27</sub>H<sub>24</sub>O<sub>7</sub> 460.48

MT10104

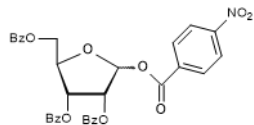
Price On Application



**2,3,5-Tri-O-benzoyl-1-O-(4-nitrobenzoyl)-D-ribofuranose**C<sub>33</sub>H<sub>25</sub>NO<sub>11</sub> 611.55

MT07074

5g	\$89.30
10g	\$168.00
25g	\$262.50

**2,3,4-Tri-O-benzoyl-a-L-rhamnopyranosyl bromide**see *a-L-Rhamnopyranosyl bromide tribenzoate*, MR02128 on page 492**2,3,4-Tri-O-benzoyl-a-L-rhamnopyranosyl fluoride**[10512-71-7] C<sub>27</sub>H<sub>23</sub>FO<sub>7</sub> 478.47

MT30711

Price On Application

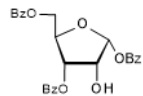
**1,3,5-Tri-O-benzoyl-a-D-ribofuranose**

• a-D-Ribofuranose 1,3,5-tribenzoate

[22224-41-5] C<sub>26</sub>H<sub>22</sub>O<sub>8</sub> 462.45

MT04028

5g	\$50.00
10g	\$80.00
25g	\$150.00

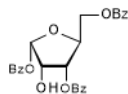


Refs: Brodfuehrer PR, Sapino Jr C, Howell HG, J. Org. Chem. 1985, 50, 2597-2598; Eiseman JL, Brown-Proctor C, Kinahan PE, et al, Clin. Cancer Res. 2004, Vol10, p6669-6676

**1,3,5-Tri-O-benzoyl-a-L-ribofuranose**[171866-30-1] C<sub>26</sub>H<sub>22</sub>O<sub>8</sub> 462.45

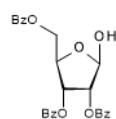
MT44537

1g	\$110.00
2g	\$160.00
5g	\$290.00

**2,3,5-Tri-O-benzoyl-b-D-ribofuranose**[67525-66-0] C<sub>26</sub>H<sub>22</sub>O<sub>8</sub> 462.45

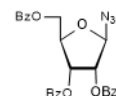
MT63375

250mg	\$450.00
500mg	\$650.00
1g	\$1040.00

**2,3,5-Tri-O-benzoyl-b-D-ribofuranosyl azide**[7408-41-5] C<sub>26</sub>H<sub>21</sub>N<sub>3</sub>O<sub>7</sub> 487.46

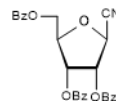
MT06420

100mg	\$53.00
250mg	\$80.00
500mg	\$135.00

**2,3,5-Tri-O-benzoyl-b-D-ribofuranosyl cyanide**[23316-67-8] C<sub>27</sub>H<sub>21</sub>NO<sub>7</sub> 471.46

MT06417

250mg	\$60.00
500mg	\$90.00
1g	\$150.00

**2,3,5-Tri-O-benzoyl-b-D-ribofuranosyl isothiocyanate**

• b-D-ribofuranosyl isothiocyanate tribenzoate

[58214-53-2] C<sub>27</sub>H<sub>21</sub>NO<sub>7</sub>S 503.52

MT58226

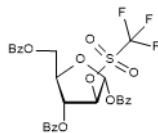
Price On Application



**Tribenzoyltr****1,3,5-Tri-O-benzoyl-2-O-(trifluoromethanesulfonyl)-a-D-ribofuranose**[97614-41-0] C<sub>27</sub>H<sub>21</sub>F<sub>3</sub>O<sub>10</sub>S 594.51

MT07900

10mg	\$85.00
25mg	\$150.00
50mg	\$250.00



Refs: Alauddin MM, et.al, Nucl. Med. Biol, 2004, 45, p2063

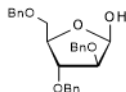
**2,3,5-Tri-O-benzyl-b-D-arabinofuranose**

• 2,3,5-Tri-O-benzyl-D-arabinose

[60933-68-8] C<sub>26</sub>H<sub>28</sub>O<sub>5</sub> 420.5

MT02123

2g	\$60.00
5g	\$105.00
10g	\$180.00

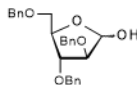


Refs: McClard RW, Tsimikas S, Schriver KE, Arch. Biochem. Biophys. 1986, p282-6

**2,3,5-Tri-O-benzyl-D-arabinofuranose**[160549-10-0][37776-25-3] C<sub>26</sub>H<sub>28</sub>O<sub>5</sub> 420.5

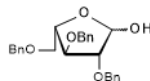
MT05402

5g	\$105.00
10g	\$180.00
25g	\$375.00

**2,3,5-Tri-O-benzyl-L-arabinofuranose**[89615-42-9] C<sub>26</sub>H<sub>28</sub>O<sub>5</sub> 420.5

MT05387

5g	\$89.30
10g	\$157.50
25g	\$294.00

**2,3,5-Tri-O-benzyl-1-a-D-arabinofuranosyl chloride**[4060-34-8] C<sub>26</sub>H<sub>27</sub>ClO<sub>4</sub> 438.94

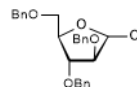
MT71647

10g	\$750.00
25g	\$1250.00
50g	\$1950.00

**2,3,5-Tri-O-benzyl-D-arabinofuranosyl chloride**[52554-29-7] C<sub>26</sub>H<sub>27</sub>ClO<sub>4</sub> 438.94

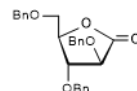
MT31837

Price On Application

**2,3,5-Tri-O-benzyl-D-arabino-1,4-lactone**[14233-64-8] C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 418.48

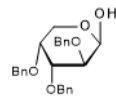
MT05389

1g	\$105.00
2g	\$190.00
5g	\$425.00

**2,3,4-Tri-O-benzyl-b-D-arabinopyranose**[18039-26-4] C<sub>26</sub>H<sub>28</sub>O<sub>5</sub> 420.5

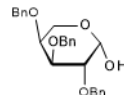
MT03989

250mg	\$60.00
500mg	\$95.00
1g	\$150.00

**2,3,4-Tri-O-benzyl-b-L-arabinopyranose**[77943-33-0] C<sub>26</sub>H<sub>28</sub>O<sub>5</sub> 420.5

MT04224

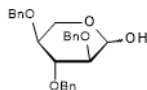
1g	\$84.00
2g	\$157.50
5g	\$262.50



**2,3,4-Tri-O-benzyl-L-arabinopyranose**C<sub>26</sub>H<sub>28</sub>O<sub>5</sub> 420.5

MT09611

10g	\$105.00
25g	\$197.00
50g	\$326.50

**2,3,5-Tri-O-benzyl-D-arabinose**

see 2,3,5-Tri-O-benzyl-b-D-arabinofuranose, MT02123 on page 580

**2,3,5-Tri-O-benzyl-D-arabonic acid-1,4-lactone**C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 418.48

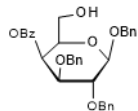
MT71968

250mg	\$85.00
500mg	\$150.00
1g	\$250.00

**1,2,3-Tri-O-benzyl-4-O-benzoyl-b-D-galactopyranoside**C<sub>34</sub>H<sub>34</sub>O<sub>7</sub> 554.63

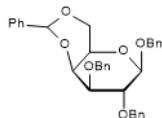
MT06759

10mg	\$89.30
25mg	\$173.50
50mg	\$262.50

**1,2,3-Tri-O-benzyl-4,6-O-benzylidene-b-D-galactopyranose**[57783-80-9] C<sub>34</sub>H<sub>34</sub>O<sub>6</sub> 538.63

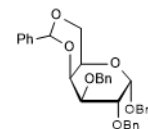
MT08788

Price On Application

**1,2,3-Tri-O-benzyl-4,6-O-benzylidene-a-D-galactopyranoside**[53929-36-5] C<sub>34</sub>H<sub>34</sub>O<sub>6</sub> 538.63

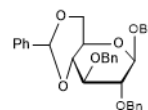
MT06762

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00

**1,2,3-Tri-O-benzyl-4,6-O-benzylidene-b-D-glucopyranoside**[57783-66-1] C<sub>34</sub>H<sub>34</sub>O<sub>6</sub> 538.63

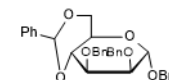
MT06761

100mg	\$90.00
250mg	\$157.50
500mg	\$265.00

**1,2,3-Tri-O-benzyl-4,6-O-benzylidene-a-D-mannopyranose**[57783-75-2] C<sub>34</sub>H<sub>34</sub>O<sub>6</sub> 538.63

MT08789

5g	\$630.00
10g	\$1050.00
25g	\$1837.50

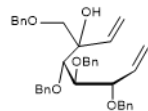
**4,5,6-Tri-O-benzyl-3-benzyloxymethyl-octa-1,7-dien-3-ol**

• 1,2,3-Tri-O-benzyl-4-C-[(benzyloxy)methyl]-1,2,7,8-tetraoxy-D-gluco-octa-1,7-dien-3-ol

C<sub>37</sub>H<sub>40</sub>O<sub>5</sub> 564.71

MT07350

1mg	\$89.30
2mg	\$168.00
5mg	\$262.50

**1,2,3-Tri-O-benzyl-4-C-[(benzyloxy)methyl]-1,2,7,8-tetraoxy-D-gluco-octa-1,7-dien-3-ol**

see 4,5,6-Tri-O-benzyl-3-benzyloxymethyl-octa-1,7-dien-3-ol, MT07350 on page 581

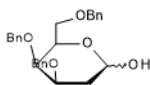
## Tribenzylideo

## 3,4,6-Tri-O-benzyl-2-deoxy-D-galactopyranose

[94189-64-7] C<sub>27</sub>H<sub>30</sub>O<sub>5</sub> 434.52

MT07474

25mg	\$131.50
50mg	\$210.00
100mg	\$315.00



## 3,4,6-Tri-O-benzyl-2-deoxy-D-glucono-1,5-lactone

[72605-77-7]

MT158355

5g	\$850.00
10g	\$1300.00
25g	\$2475.00

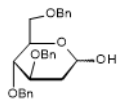


## 3,4,6-Tri-O-benzyl-2-deoxy-D-glucopyranose

[132732-60-6] C<sub>27</sub>H<sub>30</sub>O<sub>5</sub> 434.52

MT07037

250mg	\$92.50
500mg	\$160.00
1g	\$262.50

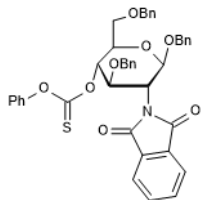


## 1,2,6-Tri-O-benzyl-2-deoxy-4-O-[phenoxy(thiocarbonyl)]-2-phthalimido-b-D-glucopyranoside

C<sub>42</sub>H<sub>37</sub>NO<sub>6</sub>S 715.81

MT07405

50mg	\$89.50
100mg	\$168.00
250mg	\$262.50

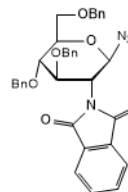


## 3,4,6-Tri-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl azide

C<sub>35</sub>H<sub>32</sub>N<sub>4</sub>O<sub>6</sub> 604.65

MT08388

100mg	\$147.00
250mg	\$210.00
500mg	\$370.00

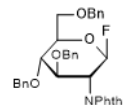


## 3,4,6-Tri-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl fluoride

C<sub>35</sub>H<sub>32</sub>FNO<sub>6</sub> 581.63

MT10917

1mg	\$94.50
2mg	\$178.50
5mg	\$420.00

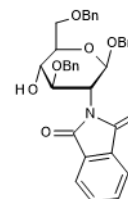


## 1,3,6-Tri-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside

C<sub>35</sub>H<sub>33</sub>NO<sub>7</sub> 579.64

MT07406

100mg	\$90.00
250mg	\$172.50
500mg	\$265.00



## 2,3,5-Tri-O-benzyl-1,4-dideoxy-1,4-epithio-D-arabinitol

[187590-77-8]

MT31843

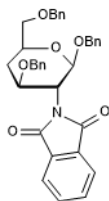
Price On Application



**1,3,6-Tri-O-benzyl-2,4-dideoxy-2-phthalimido-β-D-glucopyranoside**C<sub>35</sub>H<sub>33</sub>NO<sub>6</sub> 563.64

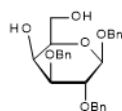
MT07408

25mg	\$89.50
50mg	\$168.00
100mg	\$263.00

**1,2,3-Tri-O-benzyl-β-D-galactopyranoside**[74801-06-2] C<sub>27</sub>H<sub>30</sub>O<sub>6</sub> 450.52

MT04626

10mg	\$89.30
25mg	\$157.50
50mg	\$262.50

**3,4,6-Tri-O-benzyl-β-D-galactopyranoside**

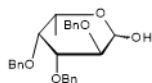
MT76624

Price On Application

**2,3,4-Tri-O-benzyl-L-fucopyranose**[60431-34-7] C<sub>27</sub>H<sub>30</sub>O<sub>5</sub> 434.52

MT06626

1g	\$95.00
2g	\$180.00
5g	\$390.00

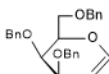


Refs: Sakagami M, Horie K, Higashi K, Yamada H, Hamana H, Chem. Pharm. Bull. 1999, 47, p1237

**3,4,6-Tri-O-benzyl-D-galactal**[80040-79-5] C<sub>27</sub>H<sub>28</sub>O<sub>4</sub> 416.51

MT00737

1g	\$110.00
2g	\$180.00
5g	\$350.00



Refs: Capozzi G, Falciani C, Menichetti S, Nativi C, Raffaelli B, Chem. Eur. J. 1999, Vol5, 6, p1748-1754

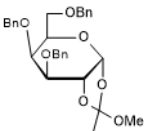
**3,4,6-Tri-O-benzyl-α-D-galactopyranose 1,2-(methyl orthoacetate)**

• 3,4,6-Tri-O-benzyl-1,2-O-(1-methoxyethylidene)-α-D-glucopyranose

[68779-52-2] C<sub>30</sub>H<sub>34</sub>O<sub>7</sub> 506.59

MT05728

500mg	\$105.00
1g	\$168.00
2g	\$300.00

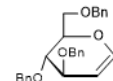
**3,4,6-Tri-O-benzyl-D-glucal**

• 1,5-Anhydro-3,4,6-tri-O-benzyl-2-deoxy-D-arabinohex-1-enitol

[55628-54-1] C<sub>27</sub>H<sub>28</sub>O<sub>4</sub> 416.51

MT00253

5g	\$65.00
10g	\$120.00
25g	\$200.00

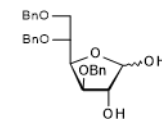


Refs: Bolitt V, Mioskowski C, Lee SG, Falck JR, J. Org. Chem. 1990, Vol55, p5812-5813

**3,5,6-Tri-O-benzyl-D-glucofuranose**[81969-62-2] C<sub>27</sub>H<sub>30</sub>O<sub>6</sub> 450.54

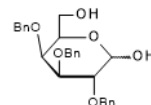
MT08143

25g	\$1200.00
50g	\$1500.00
100g	\$2080.00

**2,3,4-Tri-O-benzyl-D-glucopyranose**[47727-93-5] C<sub>27</sub>H<sub>30</sub>O<sub>6</sub> 450.52

MT02515

1g	\$315.00
2g	\$525.00
5g	\$1050.00

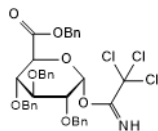


## Tribenzylglu

## 2,3,4-Tri-O-benzyl-a-D-glucuronic acid benzyl ester trichloroacetimidate

[184698-69-9] C<sub>36</sub>H<sub>34</sub>Cl<sub>3</sub>NO<sub>7</sub> 699.02

MT30191

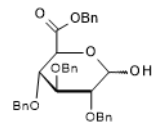
250mg \$1837.50  
500mg \$3100.00

## 2,3,4-Tri-O-benzyl-D-glucuronide benzyl ester

- Benzyl (2,3,4-tri-O-benzyl-D-glucopyranosyl)uronate
- Benzyl 2,3,4-tri-O-benzyl-D-glucuronate
- 2,3,4-Tris-O-(phenylmethyl)-D-glucuronic acid phenylmethyl ester

[53684-90-5][4539-78-0] C<sub>34</sub>H<sub>34</sub>O<sub>7</sub> 554.63

MT08103

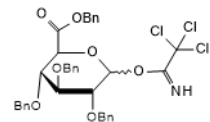
25mg \$184.00  
50mg \$315.00  
100mg \$525.00

## 2,3,4-Tri-O-benzyl-D-glucuronide benzyl ester trichloroacetimidate

- 2,3,4-Tris-O-(phenylmethyl)-b-D-glucopyranuronic acid phenylmethyl ester, 2,2,2-trichloroethanimidate

C<sub>36</sub>H<sub>34</sub>Cl<sub>3</sub>NO<sub>7</sub> 699.02

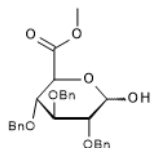
MT16884

50mg \$367.50  
100mg \$578.00  
250mg \$1102.50

## 2,3,4-Tri-O-benzyl-D-glucuronide methyl ester

C<sub>28</sub>H<sub>30</sub>O<sub>7</sub> 478.53

MT08793

10mg \$70.00  
25mg \$125.00  
50mg \$195.00

## Tri-O-benzyl-isofagomine hydrochloride

MT64723

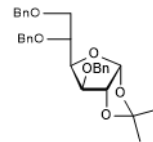
Price On Application



## 3,5,6-Tri-O-benzyl-1,2-O-Isopropylidene-a-D-glucofuranose

[53928-30-6] C<sub>30</sub>H<sub>34</sub>O<sub>6</sub> 490.59

MT09333

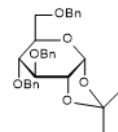
2g \$80.00  
5g \$175.00  
10g \$300.00

## 3,4,6-Tri-O-benzyl-1,2-O-isopropylidene-a-D-glucopyranose

[55628-55-2] C<sub>30</sub>H<sub>34</sub>O<sub>6</sub> 490.59

MT46571

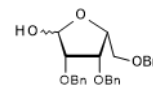
Price On Application



## 2,3,5-Tri-O-benzyl-D-lyxofuranose

[115563-43-4] C<sub>28</sub>H<sub>28</sub>O<sub>5</sub> 420.5

MT02206

200mg \$64.00  
500mg \$135.00  
1g \$210.00

## 2,3,5-Tri-O-benzyl-L-lyxofuranose

[144950-24-3] C<sub>28</sub>H<sub>28</sub>O<sub>5</sub> 420.5

MT158013

Price On Application



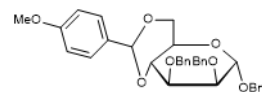


**2,3,5-Tri-O-benzyl-L-lyxono-1,4-lactone**C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 418.48

MT71969

50g \$4750.00  
100g \$7000.00**1,2,3-Tri-O-benzyl-4,6-O-(4-methoxybenzylidene)-α-D-mannopyranoside**C<sub>35</sub>H<sub>36</sub>O<sub>7</sub> 568.66

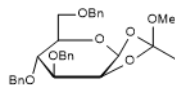
MT08792

1g \$908.30  
2g \$1270.50  
5g \$2415.00**3,4,6-Tri-O-benzyl-β-D-mannopyranose 1,2-(methyl orthoacetate)**

• 3,4,6-Tri-O-benzyl-1,2-O-(1-methoxyethylidene)-β-D-mannopyranose

[16697-49-7] C<sub>30</sub>H<sub>34</sub>O<sub>7</sub> 506.59

MT04877

500mg \$105.00  
1g \$189.00  
2g \$315.00**3,4,6-Tri-O-benzyl-1,2-O-(1-methoxyethylidene)-α-D-glucopyranose**

see 3,4,6-Tri-O-benzyl-α-D-galactopyranose 1,2-(methyl orthoacetate), MT05728 on page 583

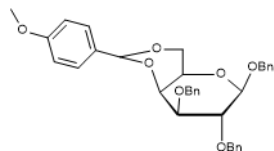
**3,4,6-Tri-O-benzyl-1,2-O-(1-methoxyethylidene)-β-D-mannopyranose**

see 3,4,6-Tri-O-benzyl-β-D-mannopyranose 1,2-(methyl orthoacetate), MT04877 on page 585

**1,2,3-Tri-O-benzyl-4,6-O-(4-methoxybenzylidene)-β-D-galactopyranoside**C<sub>35</sub>H<sub>36</sub>O<sub>7</sub> 568.66

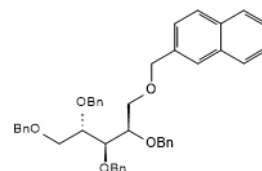
MT08790

Price On Application

**2,3,4-Tri-O-benzyl-5-O-(2-naphthyl)methyl-D-ribose**C<sub>44</sub>H<sub>44</sub>O<sub>5</sub> 652.82

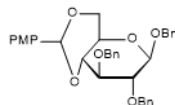
MT63320

Price On Application

**1,2,3-Tri-O-benzyl-4,6-O-(4-methoxybenzylidene)-β-D-glucopyranoside**[95712-22-4] C<sub>35</sub>H<sub>36</sub>O<sub>7</sub> 568.66

MT08791

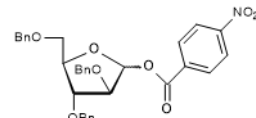
Price On Application

**2,3,5-Tri-O-benzyl-1-O-(4-nitrobenzoyl)-D-arabinofuranose**

• 4-Nitrobenzoate 2,3,5-tri-O-benzyl-D-arabinofuranose

[52522-49-3] C<sub>33</sub>H<sub>31</sub>NO<sub>8</sub> 569.6

MT00036

1g \$42.00  
2g \$63.00  
5g \$94.50**2,3,5-Tri-O-benzyl-1-O-(4-nitrobenzoyl)-L-arabinofuranose**

MT15380

10g \$577.50  
25g \$1181.50  
50g \$2100.00

## Tribenzylnit

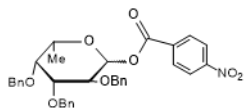
## 2,3,4-Tri-O-benzyl-1-O-(4-nitrobenzoyl)-L-fucopyranose

• p-Nitrobenzoyl-2,3,4-tri-O-benzyl-L-fucopyranose

[151909-88-5] C<sub>34</sub>H<sub>33</sub>NO<sub>8</sub> 583.63

MT01951

250mg	\$315.00
500mg	\$475.00
1g	\$787.50

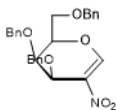


## 3,4,6-Tri-O-benzyl-2-nitro-D-galactal

C<sub>27</sub>H<sub>27</sub>NO<sub>6</sub> 461.51

MT12339

100mg	\$75.00
250mg	\$125.00
500mg	\$225.00

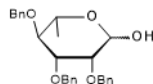


## 2,3,4-Tri-O-benzyl-L-rhamnopyranose

[86795-38-2] C<sub>27</sub>H<sub>30</sub>O<sub>5</sub> 434.52

MT04871

50mg	\$60.00
100mg	\$90.00
250mg	\$150.00



Refs: Cipolla L, La Ferla B, Nicotra F, Panza L, Tetrahedron Lett. 1997, Vol38, No31, p5567-5568



## 1,3,4-Tri-O-benzyl-D-ribitol

[131897-00-2]

MT31844

Price On Application

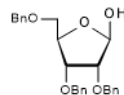


## 2,3,5-Tri-O-benzyl-b-D-ribofuranose

[89361-52-4][16838-89-4] C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 420.5

MT06068

1g	\$55.00
2g	\$95.00
5g	\$150.00



Refs: Parsch J, Engels JW, HELVETICA CHIMICA ACTA, 2000, 83, p1791



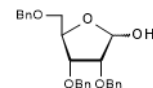
## 2,3,5-Tri-O-benzyl-D-ribofuranose

• 2,3,5-Tri-O-benzyl-D-ribofuranose

[16838-89-4][89615-45-2] C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 420.5

MT05249

1g	\$55.00
2g	\$95.00
5g	\$175.00



Refs: Su TL, Klein RS, Fox JJ, J. Org. Chem. 1982, Vol47, p1506-1509



## 3-(2,3,5-Tri-O-benzyl-1-b-D-ribofuranosyl)benzamide

[138385-42-9] C<sub>33</sub>H<sub>33</sub>NO<sub>5</sub> 523.62

MT139022

Price On Application



## 2,3,5-Tri-O-benzyl-L-ribonic acid-1,4-lactone

• 2,3,5-Tri-O-benzyl-L-ribono-1,4-lactone

C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 418.48

MT71966

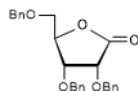
250mg	\$85.00
500mg	\$150.00
1g	\$250.00



**2,3,5-Tri-O-benzyl-D-ribo-1,4-lactone**[55094-52-5] C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 418.48

MT05275

5g	\$50.00
10g	\$80.00
25g	\$150.00



Refs: Matulic-Adamic J, Beigelman L, Tetrahedron Lett. 1997, Vol38, No10, p1669-1672

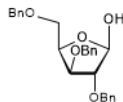
**2,3,5-Tri-O-benzyl-L-ribo-1,4-lactone**

see 2,3,5-Tri-O-benzyl-L-ribonic acid-1,4-lactone, MT71966 on page 586

**2,3,5-Tri-O-benzyl-b-D-xylofuranose**C<sub>26</sub>H<sub>28</sub>O<sub>5</sub> 420.5

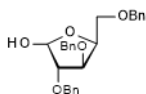
MT10292

1g	\$99.80
2g	\$157.50
5g	\$315.00

**2,3,5-Tri-O-benzyl-L-xylofuranose**[135791-05-8] C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 420.5

MT31681

1g	\$183.80
2g	\$336.00
5g	\$761.30

**2,3,5-Tri-O-benzyl-D-xylo-1,4-lactone**C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 418.48

MT71967

250g	\$75.00
500g	\$125.00
1g	\$195.00

**3,4,6-Tri-O-(tert-butylidimethylsilyl)-D-glucal**

• 1,5-Anhydro-2-deoxy-3,4,6-tris-O-[(1,1-dimethylethyl)dimethylsilyl]-D-arabino-hex-1-enitol

[79999-47-6] C<sub>24</sub>H<sub>52</sub>O<sub>4</sub>Si<sub>3</sub> 488.92

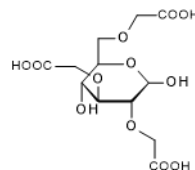
MT45837

Price On Application

**2,3,6-Tri-O-Carboxymethyl-D-glucose**[108844-55-9] C<sub>12</sub>H<sub>18</sub>O<sub>12</sub> 354.26

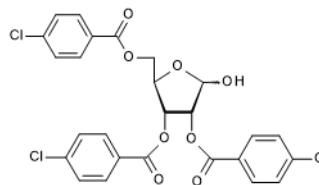
MC45054

10mg	\$1950.00
25mg	\$3575.00
50mg	\$5850.00

**2,3,5-Tri-O-p-chlorobenzoyl-D-ribofuranoside**C<sub>26</sub>H<sub>19</sub>Cl<sub>3</sub>O<sub>8</sub> 565.78

MT04535

100mg	\$90.00
250mg	\$157.50
500mg	\$265.00

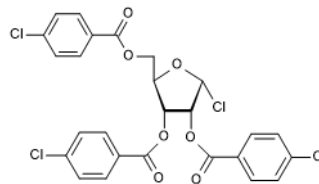
**2,3,5-Tri-O-p-chlorobenzoyl-a-D-ribofuranosyl chloride**

• 1-Chloro-2,3,5-tri-O-p-chlorobenzoyl-a-D-ribofuranoside

[125598-74-5] C<sub>26</sub>H<sub>18</sub>Cl<sub>4</sub>O<sub>7</sub> 584.23

MT04685

10mg	\$55.00
25mg	\$90.00
50mg	\$145.00



## Trichloroben

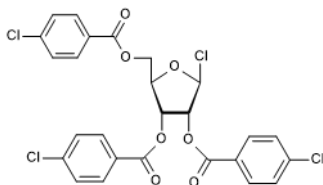
**2,3,5-Tri-O-p-chlorobenzoyl-b-D-ribofuranosyl chloride**

• Chloro-2,3,5-tri-O-p-chlorobenzoyl-b-D-ribofuranoside

C<sub>26</sub>H<sub>16</sub>Cl<sub>4</sub>O<sub>7</sub> 584.23

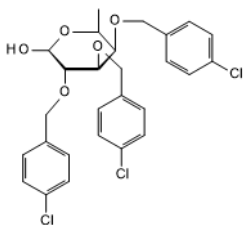
MT04679

100mg	\$158.00
250mg	\$367.50
500mg	\$685.00

**2,3,5-Tri-O-p-chlorobenzyl-L-fucopyranoside**[1231932-75-4] C<sub>27</sub>H<sub>27</sub>Cl<sub>3</sub>O<sub>5</sub> 537.86

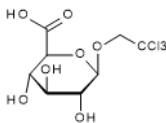
MT30712

Price On Application

**2,2,2-Trichloroethyl b-D-glucopyranosiduronic acid methyl ester triacetate**see *Trichloroethyl 2,3,4-tri-O-acetyl-b-D-glucopyranosiduronic acid methyl ester, MT16874 on page 588***Trichloroethyl b-D-glucuronide**[97-25-6] C<sub>6</sub>H<sub>11</sub>Cl<sub>3</sub>O<sub>7</sub> 325.53

MT09870

1mg	\$84.00
2mg	\$157.50
5mg	\$341.30

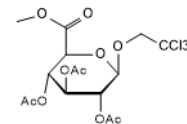
**Trichloroethyl 2,3,4-tri-O-acetyl-b-D-glucopyranosiduronic acid methyl ester**

• 2,2,2-Trichloroethyl b-D-glucopyranosiduronic acid methyl ester triacetate

[59495-75-9] C<sub>15</sub>H<sub>19</sub>Cl<sub>3</sub>O<sub>10</sub> 465.66

MT16874

2mg	\$149.90
5mg	\$272.60
10mg	\$495.50

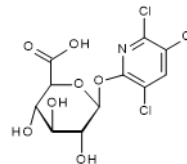
**3,5,6-Trichloro-2-pyridinol b-D-glucuronide**

• 3,5,6-Trichloro-2-pyridinyl-b-D-glucopyranosiduronic acid

[58997-12-9] C<sub>11</sub>H<sub>10</sub>Cl<sub>3</sub>NO<sub>7</sub> 374.56

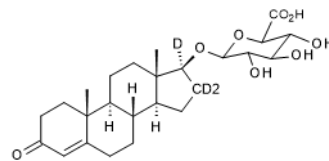
MT07352

1mg	\$192.00
2mg	\$306.00
5mg	\$610.00

**3,5,6-Trichloro-2-pyridinyl-b-D-glucopyranosiduronic acid**see *3,5,6-Trichloro-2-pyridinol b-D-glucuronide, MT07352 on page 588***16,16,17-D-3-Trichloropyridyltagel D-glucuronide**C<sub>25</sub>H<sub>33</sub>O<sub>8</sub>D<sub>3</sub> 467.57

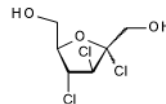
MT10563

1mg	\$367.50
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**2,3,4-Trichloro-2,3,4-trideoxy-D-fructose**C<sub>6</sub>H<sub>6</sub>Cl<sub>3</sub>O<sub>3</sub> 235.5

MT08794

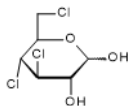
Price On Application



**3,4,6-Trichloro-3,4,6-trideoxy-D-glucose**C<sub>6</sub>H<sub>3</sub>Cl<sub>3</sub>O<sub>3</sub> 235.5

MT08795

Price On Application

**3,4,6-Trideoxy-3-(dimethylamino-b-D-xylo-hexopyranose)**

• b-D-Desosamine

[57794-18-0] C<sub>8</sub>H<sub>17</sub>NO<sub>3</sub> 175.23

MT145374

Price On Application

**1,5,6-Trideoxy-1,5-imino-D-glucitol**

see 1,6-Dideoxynojirimycin, MD44485 on page 210

**2,3,6-Trideoxy-L-threo-hexose**

see L-Rhodinose, MR71870 on page 495

**1,7,7a-Triepialixine**

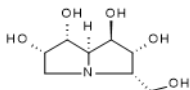
MT57488

Price On Application

**3,7,7a-Triepicasuarine**[729593-73-1] C<sub>8</sub>H<sub>15</sub>NO<sub>5</sub> 205.21

MT44490

1mg	\$950.00
2mg	\$1500.00
5mg	\$1975.00

**3,7,7a-Triepicasuarine pentaacetate**

[910535-96-5]

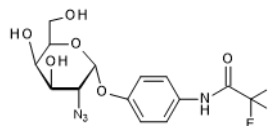
MT44491

Price On Application

**4-N-Trifluoroacetamidophenyl 2-azido-2-deoxy-a-D-galactopyranoside**[210426-03-2] C<sub>14</sub>H<sub>15</sub>F<sub>3</sub>N<sub>4</sub>O<sub>6</sub> 392.29

MT07353

Price On Application

**Trifluoroacetamidopropyl b-D-galactopyranoside**

MT59628

1g	\$250.00
2g	\$480.00
5g	\$975.00

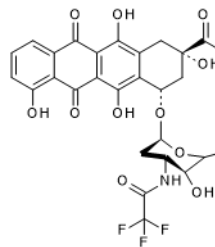
**N-(Trifluoroacetyl)-1-desmethyl daunorubicin**

- (8S-cis)-8-Acetyl-7,8,9,10-tetrahydro-1,6,8,11-tetrahydroxy-10-[[[2,3,6-trideoxy-3-[(trifluoroacetyl)amino]-a-L-lyxo-hexopyranosyl]oxy]-5,12-naphthacenedione
- (8S,10S)-8-acetyl-7,8,9,10-tetrahydro-1,6,8,11-tetrahydroxy-10-[[[2,3,6-trideoxy-3-[(trifluoroacetyl)amino]-a-L-lyxo-hexopyranosyl]oxy]-5,12-naphthacenedione

[68594-06-9] C<sub>28</sub>H<sub>26</sub>F<sub>3</sub>NO<sub>11</sub> 609.5

MT28445

1mg	\$124.90
2mg	\$227.10
5mg	\$413.00

**N-Trifluoroacetyl-D-glucosamine**

see 2-Deoxy-2-trifluoroacetamido-D-glucose, MD04659 on page 187

## Trifluorophe

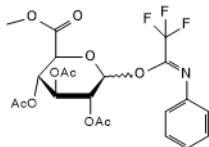
## 1-(2,2,2-Trifluoro-N-phenylethanimidate)-2,3,4-tri-O-acetyl-D-glucopyranuronic acid methyl ester

• 2,3,4-Tri-O-acetyl-D-glucopyranuronic acid methyl ester, 1-(2,2,2-trifluoro-N-phenylethanimidate)

[869996-05-4] C<sub>21</sub>H<sub>22</sub>F<sub>3</sub>NO<sub>10</sub> 505.4

MT16877

50mg	\$140.00
100mg	\$255.00
250mg	\$462.50

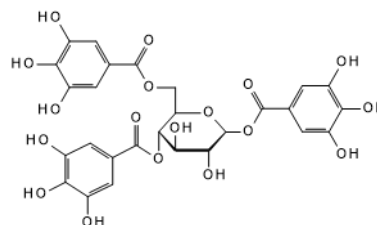


## 1,4,6-Tri-O-galloylglucose

[94513-58-3] C<sub>27</sub>H<sub>24</sub>O<sub>18</sub> 636.47

MT46226

Price On Application

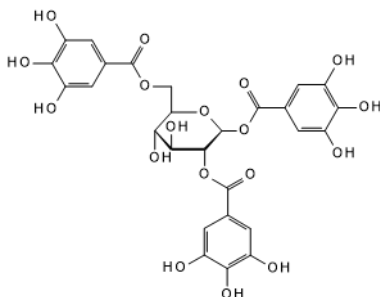


## 1,2,6-Tri-O-galloylglucose

[79886-49-0] C<sub>27</sub>H<sub>24</sub>O<sub>18</sub> 636.47

MT46225

Price On Application



## (2R, 3S)-2,3,4-Trihydroxybutyric acid hemicalcium salt

see *Calcium L-threonate*, MC09466 on page 134

## (2R,3S)-2,3,4-trihydroxybutanoic acid

see *L-Threonic acid*, MT14833 on page 557

## 2,3,4-Trihydroxybutanoic acid potassium salt

see *Potassium D-erythronate*, MP05397 on page 478

## (1R,2S,3R)-1-[5-[(2S,3R)-2,3,4-Trihydroxybutyl]-2-pyrazinyl]-1,2,3,4-butanetetrol

see *2,5-Deoxyfructosazine*, MD16678 on page 172

## (1R,2S,3R)-1-[6-[(2S,3R)-2,3,4-Trihydroxybutyl]-2-pyrazinyl]-1,2,3,4-butanetetrol

see *2,6-Deoxyfructosazine*, MD16679 on page 172

## 2,3,4-Trihydroxyglutaric acid

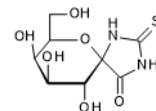
see *Pentaric acid*, MP153474 on page 456

## (2R,3R,4S,5R,6S)-3,4,5-Trihydroxy-2-hydroxymethyl-7,9-diaza-1-oxa-spiro[4,5]decane-10-one-8-thione

[189633-62-3] C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>S 264.26

MT01909

1mg	\$262.50
2mg	\$420.00
5mg	\$1029.00



T

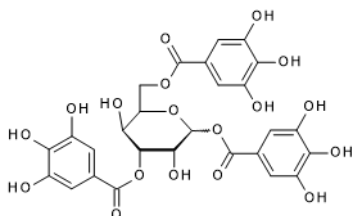
## 1,3,6-Tri-O-galloylglucose

• b-D-glucopyranose-1,3,6-tris(3,4,5-trihydroxybenzoate)

[18483-17-5] C<sub>27</sub>H<sub>24</sub>O<sub>18</sub> 636.47

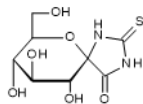
MT12782

Price On Application



**(2R,3S,4S,5R,6S)-3,4,5-Trihydroxy-2-hydroxymethyl-7,9-diaza-1-oxa-spiro[4,5]decane-10-one-8-thione**[227458-60-8] C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>S 264.26

MT01649

1mg \$390.00  
2mg \$750.00  
5mg \$1650.00**6,7,8-Trihydroxy-1-(hydroxymethyl)-3-oxo-2-oxa-4-azabicyclo[3.3.1]nonane**[85281-06-7] C<sub>8</sub>H<sub>13</sub>NO<sub>6</sub> 219.19

MT15196

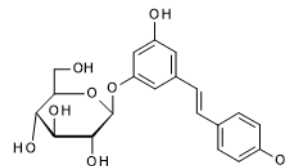
Price On Application

**(2R,3R,4R,5S)-3,4,5-Trihydroxy-2-(hydroxymethyl)-1-piperidinecarboxylic acid 1,1-dimethylethyl ester**see *N-Boc-1,5-imino-D-glucitol*, MB16638 on page 124**(2R,3R,4R,5S)-3,4,5-Trihydroxy-2-(hydroxymethyl)-1-piperidinehexanoic acid**see *N-(5-Carboxypentyl)-deoxyribojirimycin*, MC04528 on page 137**N-[(2S,3R,4R,5S,6R)-2,4,5-Trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-3-yl]acetamide**see *N-Acetyl-a-D-glucosamine*, MA45477 on page 35**(2R,3S,4R,5S)-3,4,5-Trihydroxy-2-hydroxymethylthiane**see *1-Deoxythiomannojirimycin*, MD63577 on page 186**4,5,7-Trihydroxyisoflavone 7-b-D-glucoside**see *Genistin*, MG08126 on page 282**((2S,3R,4R,5R)-3,4,5-Trihydroxyoxolan-2-yl)methyl**see *5-O-Acetyl-a-L-arabinofuranose*, MA139148 on page 29**(2R,3R,4S,5R)-3,4,5-Trihydroxy-6-oxo-2-piperidinecarboxylic acid potassium salt**see *D-Glucaro-1,5-lactam potassium salt*, MG58743 on page 285**(3a,5a,11b)-11,17,21-trihydroxy-20-oxopregnan-3-yl b-D-glucopyranosiduronic acid**see *Allo-3a-tetrahydro cortisol 3-O-b-D-glucuronide*, MA16589 on page 47**(3a,5a,11b)-3,11,17-Trihydroxy-20-oxopregnan-21-yl b-D-glucopyranosiduronic acid**see *Allo-3a-tetrahydro cortisol 21-O-b-D-glucuronide*, MA16588 on page 47**3,4',5-Trihydroxystilbene-3-b-D-glucopyranoside**

- Polydatin
- Resveratrol 3-O-b-D-glucopyranoside

[65914-17-2] C<sub>20</sub>H<sub>22</sub>O<sub>8</sub> 390.38

MT06138

25g \$150.00  
50g \$275.00  
100g \$450.00**2a,3b,19a-trihydroxyurs-12-en-28-oic acid 28-b-D-glucopyranosyl ester**

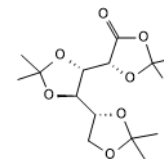
MT74561

Price On Application

**2,3,4-Trihydroxy-xylo-glutaric acid sodium salt**see *Xylaric acid disodium salt*, MX15902 on page 602**1,2:3,4:5,6-Tri-O-isopropylidene-D-gluconate**[52492-60-1] C<sub>15</sub>H<sub>24</sub>O<sub>7</sub> 316.35

MT32697

Price On Application



**Triisopropyl****1,2:3,4:5,6-Tri-O-isopropylidene-D-mannitol**[3969-59-3] C<sub>15</sub>H<sub>26</sub>O<sub>6</sub> 302.4

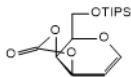
MT01986

Price On Application

**6-O-Triisopropylsilyl-3,4-O-carbonyl-D-galactal**[149625-80-9] C<sub>16</sub>H<sub>26</sub>O<sub>5</sub>Si 328.48

MT04318

Price On Application

**3-O-Triisopropylsilyl-D-galactal**C<sub>15</sub>H<sub>30</sub>O<sub>4</sub>Si 302.48

MT04330

Price On Application

**6-O-Triisopropylsilyl-D-galactal**[166021-01-8] C<sub>15</sub>H<sub>30</sub>O<sub>4</sub>Si 302.48

MT04315

500mg	\$55.00
1g	\$98.00
2g	\$170.00

**3-O-Triisopropylsilyl-D-glucal**C<sub>15</sub>H<sub>30</sub>O<sub>4</sub>Si 302.48

MT04217

Price On Application

**6-O-Triisopropylsilyl-D-glucal**[137915-37-8] C<sub>15</sub>H<sub>30</sub>O<sub>4</sub>Si 302.48

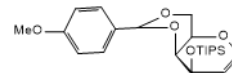
MT04279

5g	\$49.00
10g	\$85.00
25g	\$169.00

**3-O-Triisopropylsilyl-4,6-O-p-methoxybenzylidene-D-glucal**[187879-14-7] C<sub>23</sub>H<sub>36</sub>O<sub>5</sub>Si 420.61

MT05701

Price On Application

**Tri-Lewis x-APE, HSA conjugate**

• Tri-Lex-APE-HSA

MT03902

Price On Application

**Tri-Lex-APE-HSA**see *Tri-Lewis x-APE, HSA conjugate, MT03902 on page 592***Trillin**see *Polyphyllin A, MP42776 on page 478***(4R,5S)-2,2,5-Trimethyl-1,3-dioxolane-4-carboxylic acid**

[107983-40-4]

MT139201

Price On Application

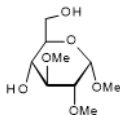




**1,2,3-Tri-O-methyl- $\alpha$ -D-glucopyranose**C<sub>9</sub>H<sub>18</sub>O<sub>6</sub> 222.24

MT07354

25mg	\$89.50
50mg	\$168.00
100mg	\$263.00

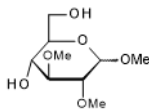
**1,2,3-Tri-O-methyl-D-glucopyranoside**

• Methyl 2,3-di-O-methyl-D-glucopyranoside

[14048-30-7] C<sub>9</sub>H<sub>18</sub>O<sub>6</sub> 222.24

MT04559

50mg	\$118.50
100mg	\$210.00
250mg	\$395.00



Refs: Wolfrom ML, Beattie A, Bhattacharjee SS, J. Org. Chem. 1968, Vol33, No3, p1067

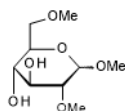
**1,2,6-Tri-O-methyl-D-glucopyranoside**

• Methyl 2,6-di-O-methyl-D-glucopyranoside

C<sub>9</sub>H<sub>18</sub>O<sub>6</sub> 222.24

MT06950

2g	\$157.50
5g	\$273.00
10g	\$367.50



Refs: Goryanu GM, Kintya PK, Khimiya Prirodnikh Soedinenii, 1976, 6, p762

**3,4,6-Tri-O-methyl-D-glucosamine**

see 2-Amino-2-deoxy-3,4,6-tri-O-methyl-D-glucose, MA153448 on page 62

**Trimethylsilyl-2,3,4,6-tetra-O-benzyl-b-D-glucopyranoside**[89825-08-1] C<sub>37</sub>H<sub>42</sub>O<sub>8</sub> 614.72

MT04025

Price On Application

**2,3,5-Tri-O-benzyl-D-ribose**

• 2,3,5-tris-O-(phenylmethyl)-D-ribose

[54623-25-5] C<sub>26</sub>H<sub>26</sub>O<sub>5</sub> 420.5

MT153400

1g	\$55.00
2g	\$95.00
5g	\$150.00

**6-O-(Triphenylmethyl)-D-glucose**

see 6-O-Trityl-D-glucose, MT16885 on page 594

**Triphosphoric acid P-[[[(2R,5S)-5-(4-amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl] ester sodium**

see (-)-Emtricitabine triphosphate, ME16706 on page 234

**Triphosphoric Acid (2R-cis)-P-[[[5-(4-Amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl] Ester Sodium**

see (-)-Emtricitabine triphosphate, ME16706 on page 234

**2,3,5-tris-O-(phenylmethyl)-D-ribose**

see 2,3,5-Tri-O-benzyl-D-ribose, MT153400 on page 593

**(2R,3R,4R,5S)-3,4,5-Tris(phenylmethoxy)-2-[(phenylmethoxy)methyl]piperidine hydrochloride**

see 2,3,4,6-Tetra-O-benzyl-1-deoxynojirimycin hydrochloric acid salt, MT16868 on page 545

**2,3,4-Tris-O-(phenylmethyl)-b-D-glucopyranuronic acid phenylmethyl ester, 2,2,2-trichloroethanimidate**

see 2,3,4-Tri-O-benzyl-D-glucuronide benzyl ester trichloroacetimidate, MT16884 on page 584

**2,3,4-Tris-O-(phenylmethyl)-D-glucuronic acid phenylmethyl ester**

see 2,3,4-Tri-O-benzyl-D-glucuronide benzyl ester, MT08103 on page 584

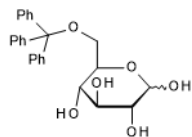
**Tritylglucos****6-O-Trityl-D-glucose**

• 6-O-(Triphenylmethyl)-D-glucose

[67919-34-0] C<sub>25</sub>H<sub>26</sub>O<sub>6</sub> 422.47

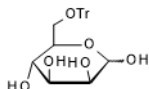
MT16885

100mg	\$156.00
250mg	\$325.00
500mg	\$625.00

**6-O-Trityl-D-mannopyranose**[160712-27-6] C<sub>25</sub>H<sub>26</sub>O<sub>6</sub> 422.47

MT10317

250mg	\$95.00
500mg	\$175.00
1g	\$315.00

**5-O-Trityl-D-ribose**

[53225-58-4]

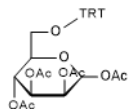
MT76659

1g	\$1500.00
2g	\$2600.00
5g	\$5500.00

**6-O-Trityl-1,2,3,4-Tetra-O-acetyl-D-mannopyranose**[1307296-38-3] C<sub>33</sub>H<sub>34</sub>O<sub>10</sub> 590.62

MT61730

500mg	\$75.00
1g	\$100.00
2g	\$170.00

**H-Type 2-APE-HSA**

MT04147

Price On Application

**H Type II-APD-BSA**

MH03908

Price On Application

**Tyrosol glucoside**see *Salidroside, MS15592* on page 500**Tyvelose**see *3,6-Dideoxy-D-arabino-hexose, MD05755* on page 207**UDP-2-acetamido-2-deoxy-5-thio-D-glucopyranose**

MU153297

Price On Application

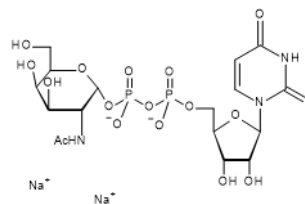
**UDP-N-acetyl-D-galactosamine disodium salt**

- 2-Acetamido-2-deoxy-a-D-galactopyranosyl uridine diphosphate disodium salt
- UDP-GalNAc
- Uridine 5'-diphospho-N-acetylgalactosamine disodium salt

[108320-87-2][7277-98-7] C<sub>17</sub>H<sub>25</sub>Na<sub>2</sub>O<sub>17</sub>P<sub>2</sub> 651.32

MU04515

1mg	\$65.00
2mg	\$110.00
5mg	\$195.00



**UDP-N-acetyl-D-glucosamine**

• Uridine 5'-diphospho-a-D-N-acetylglucosamine disodium salt

[528-04-1]

MU04393

Price On Application

**UDP-N-acetyl-D-glucosamine disodium salt**

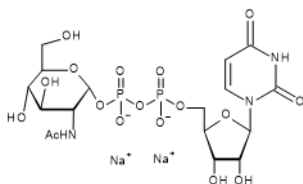
• UDP GlcNAc

[91183-98-1]

C<sub>17</sub>H<sub>25</sub>N<sub>3</sub>O<sub>17</sub>P<sub>2</sub>Na<sub>2</sub> 651.32

MU07955

25mg	\$75.00
50mg	\$130.00
100mg	\$205.00



Refs: Angew. Chem, 1995, 107, p569; Tetrahedr, 1989, 45, p5365

**UDP-N-acetyl-D-mannosamine**

[26575-17-7]

C<sub>17</sub>H<sub>27</sub>N<sub>3</sub>O<sub>17</sub>P<sub>2</sub> 607.35

MU158583

Price On Application

**UDP-N-acetyl-D-mannosaminuronic acid**

MU63243

Price On Application

**UDP-a-D-apiofuranose**

MU153334

Price On Application

**UDP-apiose**

• Uridine diphospho-D-apsiose

[36020-60-7]

C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O<sub>16</sub>P<sub>2</sub> 536.28

MU153298

Price On Application

**UDP-b-L-arabinose**

• uridine[5']diphospho-b-L-arabinopyranoside

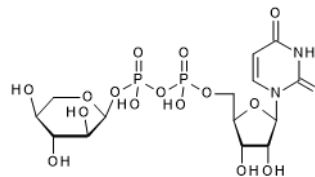
[15839-78-8][331001-44-6]

C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O<sub>16</sub>P<sub>2</sub> 536.28

MU07659

0.1mg

\$290.00

**UDP-6-azido-6-deoxy-D-galactose**

[868141-12-2]

C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>16</sub>P<sub>2</sub>·2(C<sub>6</sub>H<sub>16</sub>N)

793.69

MU11565

1mg	\$500.00
2mg	\$950.00
5mg	\$2250.00



**UDPazidodeox****UDP-4-azido-4-deoxy-D-glucose**

[1030832-12-2]

MU15913

Price On Application

**UDP-6-azido-6-deoxy-D-glucose**[537039-67-1] C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>17</sub>P<sub>2</sub> 605.3

MU11564

0.5mg	\$275.00
1mg	\$500.00
2mg	\$950.00

**UDP-2-deoxy-2-fluoro-D-galactose**

- UDP-2FGal
- Uridine 5'-(trihydrogen diphosphate), P'-(2-deoxy-2-fluoro-α-D-galactopyranosyl) ester

[118694-15-8] C<sub>15</sub>H<sub>23</sub>FN<sub>2</sub>O<sub>16</sub>P<sub>2</sub> 568.29

MU79301

Price On Application

**UDP-2-deoxy-2-fluoro-D-glucose**

- Uridine-2-deoxy-2-fluoro-D-glucose diphosphate ester

[67341-43-9] C<sub>15</sub>H<sub>23</sub>FN<sub>2</sub>O<sub>16</sub>P<sub>2</sub> 568.29

MU92985

Price On Application

**UDP-2-deoxy-2-fluoro-D-mannose**

- Uridine 5'-(trihydrogen diphosphate), P'-(2-deoxy-2-fluoro-α-D-mannopyranosyl) ester

[67341-44-0] C<sub>15</sub>H<sub>23</sub>FN<sub>2</sub>O<sub>16</sub>P<sub>2</sub> 568.29

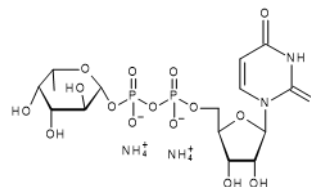
MU158298

Price On Application

**UDP-2FGal**see *UDP-2-deoxy-2-fluoro-D-galactose, MU79301 on page 596***UDP-b-L-fucose diammonium salt**C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>16</sub>P<sub>2</sub>·N<sub>2</sub>H<sub>6</sub> 584.37

MU07462

Price On Application

**UDP-D-galactosamine disodium salt**[17479-06-0] C<sub>15</sub>H<sub>23</sub>N<sub>3</sub>O<sub>16</sub>P<sub>2</sub>Na<sub>2</sub> 609.28

MU31481

5mg	\$682.50
10mg	\$1023.80
25mg	\$2074.00

**UDP-α-D-galactose ammonium salt**[2956-16-3] C<sub>15</sub>H<sub>30</sub>N<sub>4</sub>O<sub>17</sub>P<sub>2</sub> 600.36

MU58246

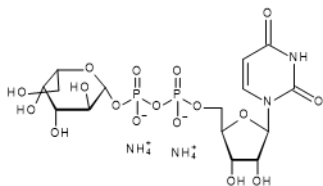
2mg	\$70.00
5mg	\$125.00
10mg	\$190.00



**UDP-L-galactose diammonium salt**C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>17</sub>P<sub>2</sub>·2NH<sub>3</sub> 600.37

MU07463

Price On Application

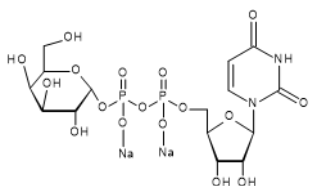
**UDP-a-D-galactose disodium salt**

• Uridine 5'-diphospho-a-D-galactose disodium salt

[2956-16-3][137868-52-1] C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>17</sub>P<sub>2</sub>·2Na 610.27

MU06699

10mg	\$68.30
25mg	\$100.00
50mg	\$184.00



Refs: Stutts CL, et al, *Glycobiology* 1999, 9, 661; Gibson JB, et al, *Am. J. Clin. Nutr.* 1998, 63, 704; Miura N, Ishida N, Hoshino M, Yamauchi M, Hara T, et al, *J. Biochem.* 1996, Vol120, No2, 236-241

**UDP-D-galactose disodium salt**[2956-16-3] C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>17</sub>P<sub>2</sub>·2Na 610.27

MU31560

5mg	\$75.00
10mg	\$135.00
25mg	\$315.00

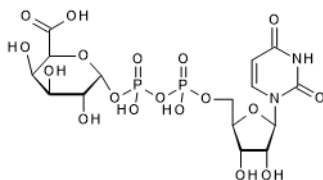
**UDP-a-D-galacturonic acid**

- Uridine[5']diphospho-a-D-galacturonopyranoside
- UDP-GlcUA

[2616-64-0] C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>18</sub>P<sub>2</sub> 580.29

MU07657

Price On Application

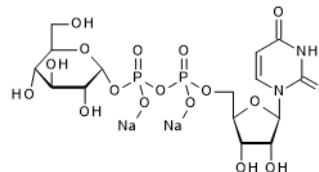
**UDP-GalNAc**see *UDP-N-acetyl-D-galactosamine disodium salt*, MU04515 on page 594**UDP-GlcA**see *UDP-D-glucuronide ammonium salt*, MU46744 on page 598**UDP-GlcA**see *UDP-D-glucuronide trisodium salt*, MU08961 on page 598**UDP GlcNAc**see *UDP-N-acetyl-D-glucosamine disodium salt*, MU07955 on page 595**UDP-GlcUA**see *UDP-a-D-galacturonic acid*, MU07657 on page 597**UDP-D-glucose disodium salt**

• Uridine 5'-diphosphoglucose disodium salt

[28053-08-9][117756-22-6] C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>17</sub>P<sub>2</sub> 610.27

MU08960

250mg	\$60.00
500mg	\$95.00
1g	\$175.00

**UDP-D-glucose disodium salt - Approx 30% content by UV**[28053-08-9][117756-22-6] C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>17</sub>P<sub>2</sub> 610.27

MU59570

500mg	\$100.00
1g	\$200.00
2g	\$300.00



**UDPglucuroni****UDP-D-glucuronide ammonium salt**

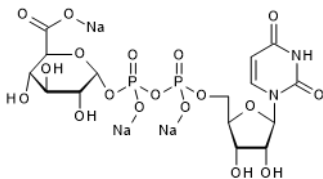
- UDP-GlcA
- Uridine 5'-diphosphate glucuronic acid ammonium salt

[43195-60-4]  $C_{15}H_{22}N_2O_{16}P_2 \cdot xNH_3$  580.29 (free acid basis)  
 MU46744 50mg \$350.00  
 100mg \$550.00  
 250mg \$925.00

**UDP-D-glucuronide trisodium salt**

- UDP-GlcA
- Uridine 5'-diphosphoglucuronic acid trisodium salt

[63700-19-6]  $C_{15}H_{19}N_2Na_3O_{16}P_2$  646.24  
 MU08961 10mg \$55.00  
 25mg \$100.00  
 50mg \$175.00

**U****UDP-(3-O-(R-3-hydroxydecanoyl)) N-acetylglucosamine**

[953426-26-1]  $C_{27}H_{45}N_3O_{19}P_2$  777.6

MU75071

Price On Application

**UDP-3-O-(R-3-hydroxymyristoyl)-N-acetyl-D-glucosamine**

$C_{31}H_{53}N_3O_{19}P_2$  833.71

MU61464

Price On Application

**UDP-2-ketopropyl-a-D-galactose**

MU57654

Price On Application

**UDP-a-L-rhamnose**

- Uridine 5'-[3-(6-deoxy-L-mannopyranosyl) dihydrogen diphosphate]

[30174-43-7]  $C_{15}H_{24}N_2O_{16}P_2$  550.3

MU145469

Price On Application

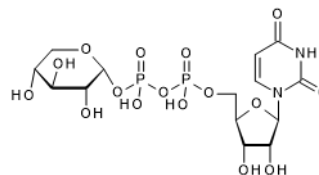
**UDP-a-D-xylose**

- uridine[5']diphospho-a-D-xylopyranoside

$C_{14}H_{22}N_2O_{16}P_2$  536.28

MU07658

Price On Application

**D-[UL-13C6]Galacturonic acid potassium salt**

[685-73-4]  $^{13}C_6H_9O_7 \cdot K$  238.19

MG106395

50mg  
100mg

\$950.00  
\$1500.00



**D-[UL-13C6; 15N]Glucosamine HCl**

MG15630	1g	\$367.50
	2g	\$630.00
	5g	\$1312.50

**D-[UL-13C6]Glucosamine HCl**

MG45066	<sup>13</sup> C <sub>6</sub> H <sub>13</sub> NO <sub>5</sub> -HCl	221.59	
		10mg	\$250.00
		25mg	\$450.00
		50mg	\$750.00

**a-D-[UL-13C6]Glucose-1-phosphate dipotassium salt hydrate**

MG64091	50mg	\$200.00
	100mg	\$350.00
	250mg	\$750.00

**1-Urea-5-O-DMT-2-O-methyl-3-CEP-D-ribofuranose**

MU29473

Price On Application

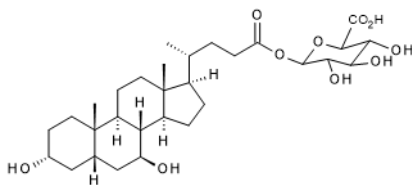
**Uridine-2-deoxy-2-fluoro-D-glucose diphosphate ester**see *UDP-2-deoxy-2-fluoro-D-glucose*, MU92985 on page 596**Uridine 5'-[3-(6-deoxy-L-mannopyranosyl) dihydrogen diphosphate]**see *UDP-a-L-rhamnose*, MU145469 on page 598**Uridine 5'-diphosphate glucuronic acid ammonium salt**see *UDP-D-glucuronide ammonium salt*, MU46744 on page 598**Uridine 5'-diphospho-N-acetylgalactosamine disodium salt**see *UDP-N-acetyl-D-galactosamine disodium salt*, MU04515 on page 594**Uridine 5'-diphospho-a-D-N-acetylglucosamine disodium salt**see *UDP-N-acetyl-D-glucosamine*, MU04393 on page 595**Uridine diphospho-D-apiose**see *UDP-apiose*, MU153298 on page 595**uridine[5']diphospho-b-L-arabinopyranoside**see *UDP-b-L-arabinose*, MU07659 on page 595**Uridine 5'-diphospho-a-D-galactose disodium salt**see *UDP-a-D-galactose disodium salt*, MU06699 on page 597**Uridine[5']diphospho-a-D-galacturonopyranoside**see *UDP-a-D-galacturonic acid*, MU07657 on page 597**Uridine 5'-diphosphoglucose disodium salt**see *UDP-D-glucose disodium salt*, MU08960 on page 597**Uridine 5'-diphosphoglucuronic acid trisodium salt**see *UDP-D-glucuronide trisodium salt*, MU08961 on page 598**uridine[5']diphospho-a-D-xylopyranoside**see *UDP-a-D-xylose*, MU07658 on page 598**Uridine 5'-(trihydrogen diphosphate), P<sup>1</sup>-(2-deoxy-2-fluoro-a-D-mannopyranosyl) ester**see *UDP-2-deoxy-2-fluoro-D-mannose*, MU158298 on page 596**Uridine 5'-(trihydrogen diphosphate), P<sup>1</sup>-(2-deoxy-2-fluoro-α-D-galactopyranosyl) ester**see *UDP-2-deoxy-2-fluoro-D-galactose*, MU79301 on page 596

U

**Ursodeoxycho****Ursodeoxycholic acid acyl-b-D-glucuronide**[208038-28-2] C<sub>30</sub>H<sub>48</sub>O<sub>10</sub> 568.7

MU10371

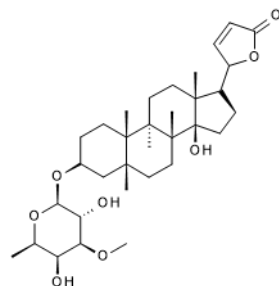
1mg	\$315.00
2mg	\$588.00
5mg	\$1155.00

**Uzariagenin digitaloside**

[61217-80-9]

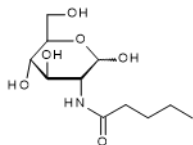
MU44402

Price On Application

**N-Valeryl-D-glucosamine**[63223-57-4] C<sub>11</sub>H<sub>21</sub>NO<sub>6</sub> 263.29

MV07029

1g	\$105.00
2g	\$199.50
5g	\$393.80

**Validamine**

- 6-Amino-4-(hydroxymethyl)-4-cyclohexane-[4H,5H]-1,2,3-triol
- (1R,2S,3S,4S,6R)-4-Amino-6-(hydroxymethyl)cyclohexane-1,2,3-triol

[32780-32-8] C<sub>7</sub>H<sub>15</sub>NO<sub>4</sub> 177.2

MV09894

100mg	\$525.00
250mg	\$787.50
500mg	\$1260.00

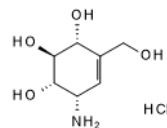
**Valienamine HCl**

• (1S,2S,3R,6S)-6-Amino-4-(hydroxymethyl)-4-cyclohexene-1,2,3-triol

[38231-86-6] C<sub>7</sub>H<sub>13</sub>NO<sub>4</sub> 175.18

MV11213

500ug	\$425.00
1mg	\$750.00
2mg	\$1250.00

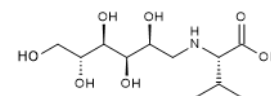
**N-Valinyl-1-deoxy-D-glucitol**

• N-Glucosyl-L-valine

C<sub>11</sub>H<sub>23</sub>NO<sub>7</sub> 281.3

MV10425

500mg	\$325.00
1g	\$400.00
2g	\$600.00

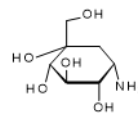
**Valiolamine**

• 4-Amino-3,4-dideoxy-2-C-(hydroxymethyl)-D-epi-inositol

[83465-22-9] C<sub>7</sub>H<sub>15</sub>NO<sub>5</sub> 193.2

MV08962

50mg	\$50.00
100mg	\$90.00
250mg	\$200.00

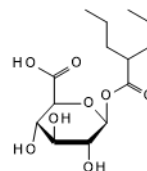
**Valproic acid b-D-glucuronide**

- 1-(2-Propylpentanoate) b-D-glucopyranuronic acid
- 1-O-Valproyl-b-D-glucopyranuronic acid
- Dipropylacetate glucuronide

[60113-83-9] C<sub>14</sub>H<sub>24</sub>O<sub>8</sub> 320.34

MV16889

1mg	\$272.60
2mg	\$495.50
5mg	\$900.90



Refs: Rudy, A, et al, J. Pharmacol. Exp. Ther, 259, 1133

**1-O-Valproyl-b-D-glucopyranuronic acid**see *Valproic acid b-D-glucuronide*, MV16889 on page 600



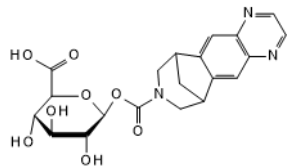
**Vanillin 4-O-b-D-glucoside**see *Glucovanillin, MG66011* on page 301**Varenicline carbamoyl b-D-glucuronide**

• 1-(6,7,9,10-Tetrahydro-6,10-methano-8H-pyrazino[2,3-h][3]benzazepin-8-carboxylate)

[535920-98-0] C<sub>20</sub>H<sub>21</sub>N<sub>3</sub>O<sub>8</sub> 431.4

MV16890

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10

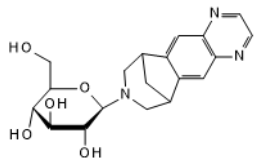
Refs: Toide, K, et al, *Biochem. Pharmacol.* 67, 1269**Varenicline N-glucoside**

• 8-b-D-Glucopyranosyl-7,8,9,10-tetrahydro-tetrahydro-6,10-methano-6H-pyrazino[2,3-h][3]benzazepine

[873302-31-9] C<sub>19</sub>H<sub>23</sub>N<sub>3</sub>O<sub>5</sub> 373.4

MV16891

1mg	\$299.30
2mg	\$546.00
5mg	\$997.50

Refs: Dow, J, et al, *Drug Metab. Dispos.* 22, 738**Verbenalin**[548-37-8] C<sub>17</sub>H<sub>24</sub>O<sub>10</sub> 388.37

MV45062

1mg	\$55.00
2mg	\$90.00
5mg	\$150.00

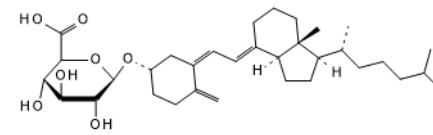
**Viburnitol**see *1-D-3-Deoxy-myo-inositol, MD10114* on page 177**Vitamin D3 b-D-glucuronide**

• (3b,5Z,7E)-9,10-Secocholesta-5,7,10(19)-trien-3-yl

[57918-08-8] C<sub>33</sub>H<sub>52</sub>O<sub>7</sub> 560.76

MV16894

1mg	\$650.00
2mg	\$1100.00
5mg	\$2250.00

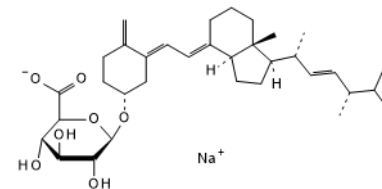
Refs: Bell, P.A, et al, *Biochem. J.* et al.: 115, 663 (1969); Kumar, R.S, et al, *J. Clin. Invest.* 65, 277 (1980); Shimada, K, et al, *Biol. Pharm. Bull.* 19, 491 (1996)**Vitamin D2 b-D-glucuronide sodium salt**

• (3b,5Z,7E,22E)-9,10-Secoergosta-5,7,10(19),22-tetraen-3-yl b-D-glucopyranosiduronic acid monosodium salt

[85701-30-0] C<sub>34</sub>H<sub>51</sub>NaO<sub>7</sub> 594.75

MV16893

1mg	\$363.40
2mg	\$660.70
5mg	\$1201.20

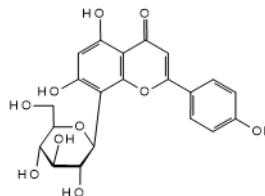
Refs: Kumar R, et al, *J. Steroid Biochem.* 17, 495 (1982)**Vitamin C sodium salt**see *L(+)-Ascorbic acid sodium salt, MA29975* on page 86**Vitexin**

- 8-D-Glucosyl-4',5',7'-trihydroxy-flavone
- 8-C-b-D-Glucopyranosylapigenin
- Oritentoside

[3681-93-4] C<sub>21</sub>H<sub>20</sub>O<sub>10</sub> 432.38

MV08032

5mg	\$105.00
10mg	\$168.00
25mg	\$328.50

Refs: *J. Chem. Soc.* 1939, p1635

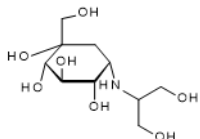
**Voglibose****Voglibose**

- 3,4-Dideoxy-[2-hydroxy-1-(hydroxyethyl)ethyl] amino-1-C-(hydroxymethyl)-1,2,3,4-cyclohexaneterol
- 3,4-Dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)-D-epiinositol

[83480-29-9] C<sub>10</sub>H<sub>21</sub>NO<sub>7</sub> 267.28

MV06910

100mg	\$70.00
250mg	\$125.00
500mg	\$225.00



Refs: Shinozaki K, et al, Metabolism 1996, 45, 731

**Volemitol**see *D-Glycero-D-talo-heptitol*, MG10117 on page 304**Wogonin 7-O-b-D-glucuronide**see *Wogonoside*, MW15965 on page 602**Wogonoside**

- Wogonin 7-O-b-D-glucuronide

[51059-44-0] C<sub>22</sub>H<sub>20</sub>O<sub>11</sub> 460.39

MW15965

100mg	\$150.00
250g	\$325.00
500g	\$550.00

**Xylaric acid disodium salt**

- 2-(4-Oxopyran-3-yl)acetic acid sodium salt
- 2,3,4-Trihydroxy-xylaric acid sodium salt
- Disodium xylaric acid

[91400-18-9][10158-64-2] C<sub>8</sub>H<sub>6</sub>Na<sub>2</sub>O<sub>7</sub> 224.08

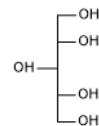
MX15902

50mg	\$225.00
100mg	\$350.00
250mg	\$675.00

**Xylitol**[87-99-0] C<sub>5</sub>H<sub>12</sub>O<sub>5</sub> 152.15

MX01771

1Kg	\$45.00
2Kg	\$70.00
5kg	\$140.00



Refs: Winkelhausen E, Kuzmanova S, J. Ferment. Bioeng. 1998, Vol86, No1, p1-14

**Xylitol bp/ep**

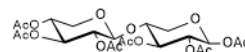
MX01244

Price On Application

**1,4-b-Xylobiose hexaacetate**[58024-20-7] C<sub>22</sub>H<sub>30</sub>O<sub>15</sub> 534.46

MX29004

2mg	\$60.00
5mg	\$105.00
10mg	\$180.00

**D-Xylo-hexulose**see *D-Sorbose*, MS06724 on page 506**D-Xylo-5-Hexulosonic acid**see *5-Keto-D-gluconic acid*, MK14117 on page 345**D-Xylo-5-hexulosonic acid potassium salt**see *5-Keto-D-gluconic acid potassium salt*, MK00321 on page 345**D,L-Xylo-isosaccharinic acid-1,4-lactone**see *2,4-Dihydroxy-2-hydroxymethylbutanoic acid-1,4-lactone*, MD15847 on page 214

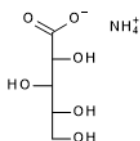
**D-Xyonic acid ammonium salt**

• Ammonium-D-xylonate

[5461-96-1] C<sub>5</sub>H<sub>9</sub>O<sub>6</sub>·NH<sub>4</sub> 183.16

MA05392

Price On Application

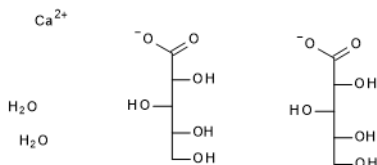
**D-Xyonic acid calcium salt hydrate**

• Calcium D-xylonate hydrate

[72656-08-7] C<sub>10</sub>H<sub>18</sub>O<sub>12</sub>·Ca·xH<sub>2</sub>O 370.32 (anhydrous basis)

MX07382

1g	\$95.00
2g	\$170.00
5g	\$400.00

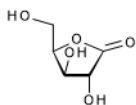
**D-Xyonic acid-1,4-lactone**

• D-Xylo-1,4-lactone

[15384-37-9][18423-66-0] C<sub>5</sub>H<sub>8</sub>O<sub>5</sub> 148.11

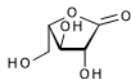
MX00474

500mg	\$90.00
1g	\$157.50
2g	\$241.50

**L-Xyonic acid-1,4-lactone**C<sub>5</sub>H<sub>8</sub>O<sub>5</sub> 148.11

MX11468

Price On Application

**D-Xylo-1,4-lactone**

see D-Xyonic acid-1,4-lactone, MX00474 on page 603

**b-D-Xylopyranisyl nitromethane**

see b-D-Xylopyranosyl nitromethane, MX01636 on page 603

**a-D-Xylopyranosyl azide**

[100842-21-5]

MX44941

100mg	\$550.00
250mg	\$975.00
500mg	\$1600.00

**b-D-Xylopyranosyl azide**[51368-20-8] C<sub>5</sub>H<sub>9</sub>N<sub>3</sub>O<sub>4</sub> 175.14

MX44878

1g	\$750.00
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**b-D-Xylopyranosyl nitromethane**

• b-D-Xylopyranisyl nitromethane

[20204-84-6] C<sub>6</sub>H<sub>11</sub>NO<sub>6</sub> 193.2

MX01636

Price On Application

**L-Xylosamine**C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub> 149.15

MX16157

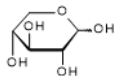
500mg	\$1050.00
1g	\$1575.00
2g	\$2730.00



**Xylose****D-Xylose**[58-86-6] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MX00355

2kg	\$45.00
5kg	\$75.00
10kg	\$145.00



Refs: Meyrial V, Delgenes JP, Moletta R, Navarro JM, Biotechnol. Lett. 1991, Vol13, No4, p281-286

**D-Xylose - Syrup**

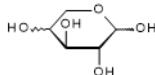
MX16307

Price On Application

**DL-Xylose**[41247-05-6][25590-60-7] C<sub>8</sub>H<sub>10</sub>O<sub>5</sub> 150.13

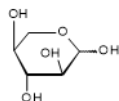
MX06888

2g	\$65.00
5g	\$150.00
10g	\$280.00

**L-Xylose**[609-06-3] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MX00148

10g	\$45.00
25g	\$70.00
50g	\$130.00



Refs: Beil. 1, IV, 4228; Schmid W, et.al, Annalen, 1992, p95

**D-Xylose-BSA**

MX58617

2mg	\$95.34
5mg	\$152.55

**L-Xylose-BSA**

MX58622

1mg	\$893.41
2mg	\$1429.46
5mg	\$2287.15

**b-L-Xylose-1-phosphate**

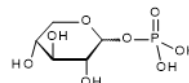
MX58439

25mg	\$869.00
50mg	\$1449.00

**D-Xylose-1-phosphate**[25799-81-9] C<sub>5</sub>H<sub>11</sub>O<sub>6</sub>P 230.11

MX04387

Price On Application

**7-Xylosyl-10-deacetyltaxol**

• 10-Deacetyltaxol 7-xyloside

[90332-63-1] C<sub>50</sub>H<sub>57</sub>NO<sub>17</sub> 943.98

MX20833

2mg	\$50.00
5mg	\$80.00
10mg	\$120.00



Refs: Gut, I, et al, Xenobiotica, 36, 772

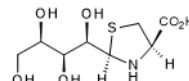
**(2R,4R)-2-[D-Xylo-tetrahydroxybut-1-yl]-1,3-thiazolidine-4-carboxylic acid**

• (2R,4R)-2-[D-Xylo-tetrahydroxybutyl]-1,3-thiazolidine-4-carboxylic acid

[110270-19-4] C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub>S 253.27

MX01042

250mg	\$105.00
500mg	\$160.00
1g	\$262.50



X

**(2R,4R)-2-[D-Xylo-tetrahydroxybutyl]-1,3-thiazolidine-4-carboxylic acid**

see (2R,4R)-2-[D-Xylo-tetrahydroxybut-1-yl]-1,3-thiazolidine-4-carboxylic acid, MX01042 on page 604

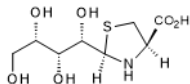
**(2R,4R)-2-[L-Xylo-tetrahydroxybut-1-yl]-1,3-thiazolidine-4-carboxylic acid**

• (2R,4R)-2[1S,2R,3S]-1,2,3,4-Tetrahydroxybutyl-1,-thiazolidine-4-carboxylic acid

[115184-30-0] C<sub>8</sub>H<sub>13</sub>NO<sub>6</sub>S 253.27

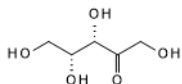
MX01046

250mg	\$210.00
500mg	\$315.00
1g	\$525.00

**D-Xylulose - Aqueous solution**[551-84-8] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

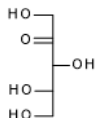
MX06995

10mg	\$45.00
25mg	\$90.00
50mg	\$157.50

**L-Xylulose - Aqueous solution**[527-50-4] C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> 150.13

MX07932

5mg	\$60.00
10mg	\$95.00
25mg	\$180.00

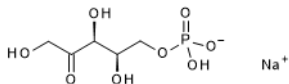
**D-Xylulose 5-phosphate sodium salt**

• 5-(Dihydrogen phosphate)-D-threo-2-pentulose sodium salt

[105931-44-0][138482-70-9] C<sub>5</sub>H<sub>11</sub>O<sub>8</sub>P·xNa 230.11 (free acid basis)

MX29090

1mg	\$150.00
2mg	\$271.00
5mg	\$550.00

**Zanamivir hydrate**

- Relenza; GG 167; 2,3-Didehydro-2,4-dideoxy-4-guanidine-N-acetyl-acetyl-D-neuraminic acid
- 4-Guanidino-2,4-dideoxy-2,3-didehydro-N-acetylneuraminic acid
- 5-Acetamino-2,6-anhydro-4-guanidino-3,4,5-trideoxy-D-galcto-non-enoic acid

[139110-80-8] C<sub>12</sub>H<sub>22</sub>N<sub>4</sub>O<sub>8</sub> 350.33

MZ04270

100mg	\$95.00
250mg	\$175.00
500mg	\$300.00

**Zavesca**see *N-Butyldeoxyojirimycin*, MB06729 on page 128**cis-Zeatin-9-glucoside**

• 6-((Z)-4-hydroxy-3-methylbut-2-enylamino)-9-b-Dglucopyranosylpurine

[169565-72-4] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 381.38

MZ30324

Price On Application

**cis-Zeatin-o-glucoside**

• 6-((Z)-4-b-D-glucopyranosyloxy-3-methylbut-2-enylamino)purine

[71866-93-8] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 381.38

MZ30352

1mg	\$425.00
2mg	\$680.00
5mg	\$1325.00

**trans-Zeatin-7-glucoside**

• 6-((E)-4-Hydroxy-3-methylbut-2-enylamino)-7-b-D-glucopyranosyl purine

[38165-56-9] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 381.38

MZ30304

Price On Application



**Zeatinglucos****trans-Zeatin-9-glucoside**

• 6-((E)-4-hydroxy-3-methylbut-2-enylamino)-9-b-Dglucopyranosylpurine

[51255-96-0] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 381.38

MZ30305

1mg	\$450.00
2mg	\$700.00
5mg	\$1250.00

**trans-Zeatin-O-glucoside**

• 6-((E)-4-b-D-Glucopyranosyloxy-3-methylbut-2-enylamino) purine

[56329-06-7] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 381.38

MZ30318

1mg	\$325.00
2mg	\$595.00
5mg	\$1125.00

**trans-Zeatin-9-glucuronide**C<sub>16</sub>H<sub>21</sub>N<sub>5</sub>O<sub>7</sub> 395.37

MZ30306

Price On Application



Z

**trans-Zeatin-o-glucuronide**[147663-51-2] C<sub>16</sub>H<sub>21</sub>N<sub>5</sub>O<sub>7</sub> 395.37

MZ30319

Price On Application

**Zemplar 25-b-D-glucuronide**see *Paricalcitol 25-b-D-glucuronide*, MP16829 on page 449**Zinc glucoheptonate**[12565-63-8][68475-48-9] C<sub>14</sub>H<sub>26</sub>O<sub>16</sub>Zn 515.73

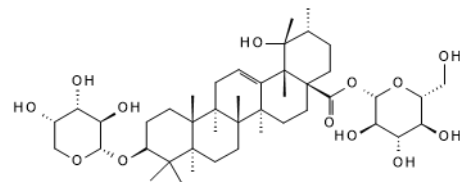
MZ10079

5Kg	\$975.00
10Kg	\$1500.00
25Kg	\$2250.00

**Zinc Gluconate dihydrate**see *D-Gluconic acid zinc (II) salt*, MG07607 on page 288**Ziyuglycoside I**[35286-58-9] C<sub>41</sub>H<sub>66</sub>O<sub>13</sub> 766.95

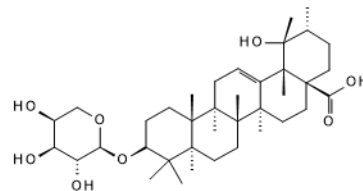
MZ44395

2mg	\$60.00
5mg	\$100.00
10mg	\$156.00

**Ziyuglycoside II**[35286-59-0] C<sub>35</sub>H<sub>56</sub>O<sub>8</sub> 604.81

MZ44339

2mg	\$60.00
5mg	\$110.00
10mg	\$180.00

**Zomepirac-acyl-b-D-glucuronide**[75871-31-7] C<sub>21</sub>H<sub>22</sub>ClNO<sub>9</sub> 467.85

MZ44758

1mg	\$95.00
2mg	\$180.00
5mg	\$425.00





# Formula Index

Formula	Product Name	Page
(C <sub>3</sub> H <sub>5</sub> O <sub>3</sub> ) <sub>2</sub> Ca·(C <sub>6</sub> H <sub>11</sub> O <sub>7</sub> ) <sub>2</sub> Ca	Calcium lactate gluconate	134
C <sub>3</sub> H <sub>7</sub> O <sub>6</sub> P·xLi	Glycerone phosphate lithium salt	304
C <sub>3</sub> H <sub>5</sub> Li <sub>2</sub> O <sub>6</sub> P	Glycerone phosphate dilithium salt	304
C <sub>3</sub> H <sub>7</sub> O <sub>6</sub> P	Glycerone phosphate	304
	DL-Glyceraldehyde 3-phosphate - 45-55 mg/mL aqueous solution	302
C <sub>3</sub> H <sub>5</sub> O <sub>6</sub> P·xH <sub>2</sub> O·½Mg	Glycerone phosphate hemimagnesium salt hydrate	304
C <sub>4</sub> H <sub>6</sub> O <sub>4</sub>	L-Threonic acid-1,4-lactone	558
	D-Threonic acid-1,4-lactone	557
	L-Erythrone-1,4-lactone	237
	D-Erythrone-1,4-lactone	237
C <sub>4</sub> H <sub>7</sub> KO <sub>5</sub>	Potassium D-erythrinate	478
C <sub>4</sub> H <sub>7</sub> NO <sub>5</sub>	(3S)-3-Hydroxy-L-aspartic acid	310
	2-Amino-4-hydroxy-1,4-butanedioic acid	64
C <sub>4</sub> H <sub>8</sub> O <sub>3</sub>	1,4-Anhydro-D-erythritol	73
C <sub>4</sub> H <sub>8</sub> O <sub>4</sub>	L-Threose	558
	D-Threose	558
	L-Erythrulose	238
	D-Erythrulose - Aqueous solution	238
	L-Erythrose	238
	D-Erythrose - min 75% purity as a 70% aq. solution	237
C <sub>4</sub> H <sub>8</sub> O <sub>5</sub>	L-Threonic acid	557
C <sub>4</sub> H <sub>8</sub> NaO <sub>7</sub> P	D-Erythrose 4-phosphate sodium salt	238
C <sub>4</sub> H <sub>10</sub> O <sub>4</sub>	D-Threitol	557
	meso-Erythritol	360
C <sub>4</sub> H <sub>8</sub> K <sub>2</sub> O <sub>7</sub>	L-Arabinic acid dipotassium salt	80
	D-Arabinic acid dipotassium salt	80
C <sub>4</sub> H <sub>8</sub> Na <sub>2</sub> O <sub>7</sub>	Xylaric acid disodium salt	602
	Ribaric acid disodium salt	495
C <sub>5</sub> H <sub>7</sub> FO <sub>7</sub> P	2-Deoxy-2-fluoro-D-arabinofuranose-1-phosphate	167
C <sub>5</sub> H <sub>8</sub> O <sub>3</sub>	Ribal	495
C <sub>5</sub> H <sub>8</sub> O <sub>4</sub>	2,4-Dihydroxy-2-hydromethylbutanoic acid-1,4-lactone	214
	2-Deoxy-D-ribonic acid-1,4-lactone	183
	5-Deoxy-L-lyxono-1,4-lactone	179
	5-Deoxy-D-lyxono-1,4-lactone	179
	5-Deoxy-L-arabonic acid 1,4-lactone	164
C <sub>5</sub> H <sub>8</sub> O <sub>5</sub>	L-Xyloic acid-1,4-lactone	603
	D-Xyloic acid-1,4-lactone	603
	L-Ribonic acid-1,4-lactone	496
	D-Ribonic acid-1,4-lactone	496
	L-Lyxono-1,4-lactone	351
	D-Lyxono-1,4-lactone	351
	L-Arabonic acid-1,4-lactone	85
	D-Arabonic acid-1,4-lactone	85
C <sub>5</sub> H <sub>8</sub> O <sub>7</sub>	Pentaric acid	456
C <sub>5</sub> H <sub>8</sub> Na <sub>5</sub> O <sub>14</sub> P <sub>3</sub>	5-Phospho-D-ribose 1-diphosphate pentasodium salt	476
C <sub>5</sub> H <sub>8</sub> FO <sub>4</sub>	3-Deoxy-3-fluoro-D-xylofuranose - Aqueous solution	172
	2-Deoxy-2-fluoro-D-ribofuranose	172
	2-Deoxy-2-fluoro-D-arabinofuranose	167
C <sub>5</sub> H <sub>8</sub> N <sub>2</sub> O <sub>4</sub>	b-D-Xylopyranosyl azide	603
	2,3,4-Tri-O-acetyl-b-L-arabinopyranosyl azide	563
	a-D-Arabinopyranosyl azide	81
C <sub>5</sub> H <sub>8</sub> O <sub>6</sub> ·Ca	Calcium-D-arabonate	133
C <sub>5</sub> H <sub>8</sub> KO <sub>6</sub>	L-Lyxonic acid potassium salt	351
	D-Lyxonic acid potassium salt	351
C <sub>5</sub> H <sub>7</sub> O <sub>7</sub> P·2Na	1-Deoxy-D-xylose 5-phosphate	188
C <sub>5</sub> H <sub>8</sub> Na <sub>2</sub> O <sub>8</sub> P	L-Ribose-5-phosphate disodium salt hydrate	498
	D-Ribose-5-phosphate disodium salt hydrate	498
	D-Arabinose-5-phosphate disodium salt	83
C <sub>5</sub> H <sub>10</sub> O <sub>3</sub>	1,2-Dideoxy-D-ribofuranose	211
	1,4-Anhydro-3-deoxy-D-threo-pentitol	72
C <sub>5</sub> H <sub>10</sub> O <sub>4</sub>	1-Deoxy-D-xylose - Aqueous solution	187
	2-Deoxy-L-xylose	187
	2-Deoxy-D-xylose	187
	1-Deoxy-D-ribose - 1.0M Aqueous solution	185
	5-Deoxy-L-ribose	184
	5-Deoxy-D-ribose	184
	2-Deoxy-L-ribose	184

Formula	Product Name	Page
C <sub>5</sub> H <sub>10</sub> O <sub>4</sub>	2-Deoxy-D-ribose	184
	1-Deoxy-L-ribose	184
	1-Deoxy-D-ribose	183
	2-Deoxy-a-L-ribofuranose	183
	3-Deoxypentulose	182
	5-Deoxy-L-arabinose	163
	5-Deoxy-D-arabinose	163
	3-Deoxy-L-arabinose	163
	3-Deoxy-D-arabinose	163
	1,5-Anhydroxylytol	79
	1,4-Anhydro-D-xylytol	78
C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub>	L-Arabinose hydrazone	83
	2-Amino-a-D-ribofuranol[1',2':4,5]oxazoline	67
C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>	L-Xylulose - Aqueous solution	605
	D-Xylulose - Aqueous solution	605
	L-Xylose	604
	D-Xylose	604
	DL-Xylose	604
	L-Ribulose	498
	D-Ribulose - Aqueous solution	498
	L-Ribose	497
	D-Ribose	497
	2-C-Methyl-L-ribo-1,4-lactone	413
	L-Lyxose	352
	D-Lyxose	352
	L-Arabinose	82
	DL-Arabinose	82
	D-Arabinose	82
<sup>13</sup> CC <sub>4</sub> H <sub>10</sub> O <sub>5</sub>	1-13C-L-Arabinose	82
C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>	b-L-Arabinopyranose	81
	L-Apiose	80
	D-Apiose - Aqueous solution	79
C <sub>5</sub> H <sub>10</sub> O <sub>6</sub>	D-Arabonic acid	85
C <sub>5</sub> H <sub>11</sub> NO <sub>3</sub>	1,5-Dideoxy-1,5-imino-D-xylytol	210
	1,4-Dideoxy-1,4-imino-D-ribitol	210
	1-Amino-1,5-dideoxy-L-erythro-2-pentulose	63
	1-Amino-2-deoxy-D-ribose	62
C <sub>5</sub> H <sub>11</sub> NO <sub>4</sub>	L-Xylosamine	603
	D-Ribopyranosyl amine	497
	b-D-Ribopyranosyl amine	497
	D-Lyxosylamine	352
	L-Lyxosamine	352
	2-Amino-2-deoxy-D-lyxose	61
	2-Amino-2-deoxy-D-arabinose	57
C <sub>5</sub> H <sub>11</sub> O <sub>7</sub> P·xNa	2-Deoxy-D-ribose 5-phosphate sodium salt	185
C <sub>5</sub> H <sub>11</sub> O <sub>8</sub> P	D-Xylose-1-phosphate	604
	D-Arabinose-5-phosphate	83
C <sub>5</sub> H <sub>11</sub> O <sub>8</sub> P·xNa	D-Xylulose 5-phosphate sodium salt	605
	D-Ribulose 5-phosphate sodium salt	498
C <sub>5</sub> H <sub>8</sub> Na <sub>2</sub> O <sub>8</sub> P·2H <sub>2</sub> O	D-Ribose-5-phosphate disodium salt dihydrate	498
C <sub>5</sub> H <sub>8</sub> BaO <sub>8</sub> P·6H <sub>2</sub> O	D-Ribose-5-phosphate barium salt hexahydrate	497
C <sub>5</sub> H <sub>11</sub> NO <sub>3</sub> ·HCl	1,4-Dideoxy-1,4-imino-D-xylytol HCl	210
	1,4-Dideoxy-1,4-imino-D-arabinitol hydrochloride	209
C <sub>5</sub> H <sub>11</sub> NO <sub>4</sub> ·HCl	2-Amino-2-deoxy-D-ribose hydrochloride	62
	2-Amino-2-deoxy-L-arabinose hydrochloride	57
C <sub>5</sub> H <sub>12</sub> O <sub>5</sub>	Xylitol	602
	Ribitol	495
	L-Arabitol	84
	DL-Arabitol	84
	D-Arabitol	84
C <sub>5</sub> H <sub>12</sub> O <sub>11</sub> P <sub>2</sub>	D-Ribulose-1,5-diphosphate sodium salt hydrate	498
C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub>	1-Amino-1-deoxy-D-arabinitol	57
C <sub>5</sub> H <sub>8</sub> O <sub>6</sub> ·NH <sub>4</sub>	D-Xyloic acid ammonium salt	603
C <sub>5</sub> H <sub>13</sub> O <sub>8</sub> P	D-Ribitol-5-phosphate	495
C <sub>6</sub> H <sub>6</sub> O <sub>6</sub>	1,4,6,3-Glucarodilactone	285
	L-Dehydro ascorbic acid	161
C <sub>6</sub> H <sub>8</sub> Na <sub>6</sub> O <sub>21</sub> P <sub>6</sub>	myo-Inositol trispyrophosphate hexasodium salt	328
C <sub>6</sub> H <sub>7</sub> NaO <sub>8</sub>	L(+)-Ascorbic acid sodium salt	86
C <sub>6</sub> H <sub>7</sub> Na <sub>10</sub> O <sub>21</sub> P <sub>5</sub>	myo-Inositol 2,3,4,5,6-pentakisphosphate decasodium salt	326
	myo-Inositol 1,3,4,5,6-pentakisphosphate decasodium salt	326
C <sub>6</sub> H <sub>7</sub> K <sub>5</sub> O <sub>21</sub> S <sub>5</sub>	Mannose pentasulfate pentapotassium salt - technical grade	358



# Formula Index

C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub>

Formula	Product Name	Page	Formula	Product Name	Page
CeH <sub>7</sub> K <sub>5</sub> O <sub>21</sub> S <sub>5</sub>	D-Mannopyranose pentasulfate potassium salt	356	CeH <sub>10</sub> FN <sub>3</sub> O <sub>4</sub>	2-Deoxy-2-fluoro-b-D-galactopyranosyl azide	169
CeH <sub>8</sub> O <sub>3</sub>	1,6-Anhydro-2,3-dideoxy-b-threo-hex-2-enopyranose	73	CeH <sub>10</sub> O <sub>5</sub>	2-C-Methyl-D-ribo-1,4-lactone	413
	1,6-Anhydro-2,3-dideoxy-b-D-threo-hex-2-enopyranose	73		2-C-Methyl-D-arabono-1,4-lactone	378
	1,6-Anhydro-3,4-dideoxy-b-D-erythro-hex-3-enopyranose	73		Levoglucofan	348
CeH <sub>6</sub> O <sub>4</sub>	3,4-Dideoxyglucosone-3-ene	208		Isosaccharinic acid-1,4-lactone	342
	1,6,2,3-Dianhydro-b-D-mannopyranose	198		1,2-ene-glucose	234
	1,6,3,4-Dianhydro-b-D-altropyranose	196		2-Deoxy-scylo-inosose	185
CeH <sub>8</sub> O <sub>6</sub>	D-Mannurono-6,3-lactone	360		3-Deoxy-D-glucosone	176
	L-Gulurono-6,3-lactone	307		3-Deoxygalactosone	174
	L-Glucurono-3,6-lactone	302		2-Deoxy D-arabino hexonic acid-5-lactone	163
	D-Glucurono-3,6-lactone	302		1,6-Anhydro-b-D-mannopyranose	77
13C <sub>2</sub> C <sub>4</sub> H <sub>8</sub> O <sub>6</sub>	D-Glucofuranuronic acid, γ-lactone, 1,6-13C2	285		2,5-Anhydro-D-mannofuranose	77
CeH <sub>8</sub> O <sub>6</sub>	4-Deoxy-5-keto-hexuronic acid	179		3,6-Anhydro-D-glucose	75
CeH <sub>8</sub> O <sub>7</sub>	L-Idaric acid, 1,4-lactone	323		1,5-Anhydro-a-D-glucofuranose	75
CeH <sub>8</sub> N <sub>2</sub> O <sub>8</sub>	Isosorbide dinitrate - 60% lactose and 40% Isosorbide dinitrate	342		3,6-Anhydro-D-galactose - 10% aqueous solution	74
CeH <sub>8</sub> O <sub>10</sub> PNa <sub>3</sub>	a-D-Glucuronic acid 1-phosphate tripotassium salt pentahydrate	302		3,6-Anhydro-D-galactose	74
CeH <sub>8</sub> FO <sub>14</sub> P <sub>3</sub> Na <sub>8</sub>	3-Deoxy-3-fluoro-D-myo-inositol 1,4,5-trisphosphate hexasodium salt	171		1,5-Anhydro-D-galactose	74
CeH <sub>8</sub> O <sub>18</sub> P <sub>4</sub> 8Na	D-myo-Inositol-1,3,4,5-tetraphosphate sodium salt	327		1,6-Anhydro-b-D-galactopyranose	74
CeH <sub>8</sub> O <sub>3</sub> Br	Bromoconduiritol	124	(CeH <sub>10</sub> O <sub>5</sub> ) <sub>n</sub>	Blue dextran (MW 2000000) - from Leuconostoc spp	123
CeH <sub>8</sub> Cl <sub>3</sub> O <sub>3</sub>	3,4,6-Trichloro-3,4,6-trideoxy-D-glucose	589	CeH <sub>10</sub> F <sub>2</sub> O <sub>5</sub>	a-D-1,5-Difluoroglucose	212
	2,3,4-Trichloro-2,3,4-trideoxy-D-fructose	588	CeH <sub>10</sub> O <sub>6</sub>	D-Talono-1,4-lactone	511
CeH <sub>8</sub> FO <sub>4</sub>	(3R,4R,5R)-3-Fluoro-4-hydroxy-5-(hydroxymethyl)-3-methylloxolan-2-one	260		L-Mannonic acid-1,4-lactone	356
	1,6-Anhydro-2-deoxy-2-fluoro-b-D-glucopyranose	71		D-Mannonic acid-1,4-lactone	355
CeH <sub>8</sub> IO <sub>4</sub>	1,6-Anhydro-2-deoxy-2-iodo-b-D-glucopyranose	72		5-Ketomannose	346
CeH <sub>8</sub> Na <sub>3</sub> O <sub>4</sub>	1,6-Anhydro-2-azido-2-deoxy-b-D-glucopyranose	69		2-Keto-D-glucose	345
CeH <sub>8</sub> ClO <sub>5</sub>	6-Chloro-6-deoxy-D-mannono-1,4-lactone	144		D-Idonic acid-1,4-lactone	323
CeH <sub>8</sub> NO <sub>5</sub>	1,4:3,6-Dianhydro-5-nitro-D-glucitol	198		L-Gulonic acid-1,4-lactone	306
	1,4:3,6-Dianhydro-2-nitro-D-glucitol	198		D-Gulonic acid-1,4-lactone	306
CeH <sub>8</sub> NO <sub>6</sub> -xK	D-Glucaro-1,5-lactam potassium salt	285		L-Glucono-1,5-lactone	288
<sup>13</sup> CeH <sub>8</sub> O <sub>7</sub> -K	D-[UL-13C6]Galacturonic acid potassium salt	598		L-Glucono-1,4-lactone	288
CeH <sub>8</sub> KO <sub>7</sub>	5-Keto-D-gluconic acid potassium salt	345		D-Glucono-1,5-lactone	288
CeH <sub>8</sub> NaO <sub>7</sub>	D-Mannuronic acid sodium salt	359		D-Glucono-1,4-lactone	288
	L-Iduronic acid sodium salt	324		L-Galactono-1,4-lactone	272
CeH <sub>8</sub> O <sub>7</sub> Na	L-Guluronic acid sodium salt	307		D-Galactono-1,4-lactone	272
CeH <sub>8</sub> NaO <sub>7</sub>	L-Glucuronic acid sodium salt	302		1L-Epi-2-inosose	236
	D-Galacturonic acid sodium salt	279		L-Allono-1,4-lactone	46
CeH <sub>8</sub> O <sub>8</sub> -K	D-Glucarate monopotassium	284		D-Allono-1,4-lactone	46
CeH <sub>8</sub> K <sub>2</sub> O <sub>9</sub> P	D-myo-Inositol-1-monophosphate dipotassium salt	326	Ce <sub>2</sub> D <sub>2</sub> H <sub>10</sub> O <sub>6</sub>	D-[6,6'-2H2]Glucose	296
	5-Keto-D-gluconic acid hemicalcium salt	345	CeH <sub>10</sub> O <sub>7</sub>	D-Lyx-5-hexulosonic acid	351
CeH <sub>8</sub> K <sub>6</sub> O <sub>15</sub> P <sub>3</sub>	D-myo-Inositol 1,4,5-triphosphate potassium salt	327		2-Keto-L-gulonic acid	345
CeH <sub>8</sub> Na <sub>6</sub> O <sub>15</sub> P <sub>3</sub>	D-myo-Inositol 1,4,5-triphosphate sodium salt	328		5-Keto-D-gluconic acid	345
CeH <sub>10</sub> O <sub>3</sub>	2,3-O-Isopropylidene-L-glyceraldehyde - 43.2% DCM solution	335		2-Keto-L-gluconic acid	345
	2,3-O-Isopropylidene-D-glyceraldehyde - 50% solution in DCM	335	13C <sub>2</sub> C <sub>4</sub> H <sub>10</sub> O <sub>7</sub>	2-Keto-L-galactonic acid	344
	2,3-O-Isopropylidene-D-glyceraldehyde	335		L-Iduronic acid-1,6-13C2	324
CeH <sub>10</sub> O <sub>4</sub>	Methyl 2,3-anhydro-b-D-ribose	377	CeH <sub>10</sub> O <sub>7</sub>	L-Iduronic acid	324
	D-Glucal	284		D-Glucuronic acid	301
	D-Galactal	271		D-Arabino-5-hexulosonic acid	81
	2,4-O-Ethylidene-D-erythrose	250	CeH <sub>10</sub> O <sub>8</sub>	Mucic acid	433
	Digitoxose	213		L-Idaric acid	323
	1,4:3,6-Dianhydro-D-mannitol	198	CeH <sub>8</sub> H <sub>2</sub> O	D-Gluaric acid-1,4-lactone	284
	1,4:3,6-Dianhydro-L-mannitol	198	CeH <sub>10</sub> F <sub>2</sub> O <sub>8</sub> P	2-Deoxy-2-fluoro-D-glucose 6-phosphate barium salt	170
	1,4:3,6-Dianhydro-D-iditol	197	CeH <sub>10</sub> FK <sub>2</sub> O <sub>8</sub> P	2-Deoxy-2-fluoro-D-glucose 6-phosphate dipotassium salt	170
	1,4:3,6-Dianhydro-D-glucitol	197		D-Fructose-1,6-diphosphate dicalcium salt	266
	1,2,5,6-Dianhydrogalactitol	197	CeH <sub>10</sub> K <sub>4</sub> O <sub>12</sub> P <sub>2</sub>	D-Glucose-1,6-diphosphate potassium salt	297
	Conduiritol D	150	CeH <sub>10</sub> Na <sub>4</sub> O <sub>12</sub> P <sub>2</sub>	D-Fructose-1,6-diphosphate tetrasodium salt	266
CeH <sub>10</sub> Cl <sub>2</sub> O <sub>4</sub>	5,6-Dichloro-5,6-dideoxy-b-L-talofuranose	205	CeH <sub>8</sub> CaO <sub>8</sub> ·4H <sub>2</sub> O	Calcium D-saccharate tetrahydrate	134
	4,6-Dichloro-4,6-dideoxy-D-galactose	205	CeH <sub>10</sub> NO <sub>14</sub> S <sub>3</sub> Na <sub>3</sub>	D-Glucosamine-3,4,6-tri-O-sulphate trisodium salt	295
CeH <sub>10</sub> F <sub>2</sub> O <sub>4</sub>	2,4-Dideoxy-2,4-difluoro-D-glucose	207	CeH <sub>11</sub> NO <sub>3</sub>	4-Epi-daunosamine	235
CeH <sub>10</sub> N <sub>2</sub> O <sub>4</sub>	2-Amino-b-L-arabinofuranol[1,2,4,5]oxazoline	55		L-Daunosamine	159
	2-Amino-b-D-arabinofuranol[1,2,4,5]oxazoline	55	CeH <sub>11</sub> ClO <sub>4</sub>	1,4-Anhydro-6-chloro-6-deoxy-D-glucitol	71
CeH <sub>10</sub> FN <sub>3</sub> O <sub>4</sub>	2-Deoxy-2-fluoro-b-D-mannopyranosyl azide	171	CeH <sub>11</sub> FO <sub>4</sub>	Methyl 2-deoxy-2-fluoro-L-arabinofuranoside	386
	2-Deoxy-2-fluoro-b-D-glucopyranosyl azide	170		Methyl 2-deoxy-2-fluoro-D-arabinofuranoside	386
				2-Deoxy-2-fluoro-L-fucose	168
				2-Deoxy-2-fluoro-D-fucose	168
			CeH <sub>11</sub> N <sub>3</sub> O <sub>4</sub>	2,5-Anhydro-1-azido-1-deoxy-D-glucitol	69
			CeH <sub>11</sub> BrO <sub>5</sub>	1-Bromo-1-deoxyfructose	124
			CeH <sub>11</sub> ClO <sub>5</sub>	1-Chloro-1-deoxy-scylo-inositol	145

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C <sub>6</sub> H <sub>11</sub> ClO <sub>5</sub>	6-Chloro-6-deoxy-D-mannose	144	C <sub>6</sub> H <sub>11</sub> O <sub>10</sub> P	a-D-Glucuronic acid-1-phosphate	301
	2-Chloro-2-deoxy-D-mannose	144		a-D-Galacturonic acid 1-phosphate	279
	3-Chloro-3-deoxy-D-glucose	144	C <sub>6</sub> H <sub>11</sub> NO <sub>11</sub> S <sub>2</sub> Na <sub>2</sub>	D-Glucosamine-2-N,6-O-disulphate disodium salt	293
	2-Chloro-2-deoxy-D-glucose	144		D-Glucosamine-2-N,3-O-disulphate disodium salt	293
	6-Chloro-6-deoxy-D-galactose	144	C <sub>6</sub> H <sub>11</sub> O <sub>12</sub> P <sub>2</sub> Na <sub>3</sub>	D-Fructose-1,6-diphosphate trisodium salt	266
	1-Chloro-1-deoxy-D-fructose	143	C <sub>6</sub> H <sub>12</sub> O <sub>3</sub>	L-Rhodnose	495
	6-Chloro-6-deoxy-D-glucose	142		1,2-O-Isopropylidenedeglycerol	336
	6-Chloro-6-deoxy-D-altrose	142	C <sub>6</sub> H <sub>12</sub> NO <sub>3</sub> F	1,2-Dideoxy-2-fluoronojirimycin	208
	6-Chloro-6-deoxy-D-allose	142		1,2-Dideoxy-2-fluoro-galactonijirimycin	208
C <sub>6</sub> H <sub>11</sub> FO <sub>5</sub>	b-D-Glucopyranosyl fluoride	290	C <sub>6</sub> H <sub>12</sub> O <sub>4</sub>	Methyl 2-deoxy-b-D-ribofuranoside	389
	a-D-Glucopyranosyl fluoride	290		Methyl 2-deoxy-a-D-ribofuranoside	389
	6-Deoxy-6-gluoro-D-galactopyranose	176		Methyl 2-deoxy-L-ribofuranoside	388
	4-Deoxy-4-fluoro-D-mannose	171		Methyl 2-deoxy-D-ribofuranoside	388
	3-Deoxy-3-fluoro-D-mannose	171		Methyl 2-deoxy-b-L-ribofuranoside	388
	2-Deoxy-2-fluoro-D-mannose	171		Methyl 2-deoxy-b-D-ribofuranoside	388
	3-Deoxy-3-fluoro-D-myo-inositol	171		Methyl 2-deoxy-a-L-ribofuranoside	388
	6-Deoxy-6-fluoro-D-glucose	170		Methyl 2-deoxy-a-D-ribofuranoside	388
	4-Deoxy-4-fluoro-D-glucose	170		2,6-Dideoxy-D-glucose	208
	3-Deoxy-3-fluoro-D-glucose	170		3,6-Dideoxy-D-arabino-hexose	207
	2-Deoxy-2-fluoro-D-glucose	170		4-Deoxy-L-fucose	173
	6-Deoxy-6-fluoro-D-galactose	169		2-Deoxy-L-fucose	173
	4-Deoxy-4-fluoro-D-galactose	169		Coltose	150
	3-Deoxy-3-fluoro-D-galactose - Aqueous solution	169	C <sub>6</sub> H <sub>12</sub> Br <sub>2</sub> O <sub>4</sub>	Dibromodulcitol	203
	2-Deoxy-2-fluoro-D-galactose - non-animal origin	169	C <sub>6</sub> H <sub>12</sub> FNO <sub>4</sub>	1-Deoxy-2-fluoronojirimycin	172
	2-Deoxy-2-fluoro-D-galactose	169	C <sub>6</sub> H <sub>12</sub> O <sub>5</sub>	D-Rhamnose	493
	3-Deoxy-3-fluoro-D-allose	167		Methyl b-D-xylopyranoside	430
	6-Deoxy-6-iodo-D-glucose	177		Methyl a-D-xylopyranoside	430
C <sub>6</sub> H <sub>11</sub> IO <sub>5</sub>	D-Mannono-D-lactam	356		Methyl b-D-ribofuranoside	413
C <sub>6</sub> H <sub>11</sub> NO <sub>5</sub>	2,5-Anhydro-D-mannofuranose oxime	77		Methyl b-D-ribofuranoside	413
	a-D-Mannopyranosyl azide	356		Methyl a-D-ribofuranoside - 95% oil	413
	b-D-Glucopyranosyl azide	289		Methyl 2-deoxy-D-arabinopyranoside	385
	b-D-Galactopyranosyl azide	273		Methyl b-L-arabinopyranoside	377
	1-Deoxy-b-D-glucopyranosyl azide	174		Methyl beta-L-arabinopyranoside	378
	6-Azido-6-deoxy-D-glucose	91		Methyl b-D-arabinopyranoside	377
	4-Azido-4-deoxy-D-glucose	91		Methyl D-arabinofuranoside	377
	2-Azido-2-deoxy-D-glucose	91		Methyl a-D-arabinofuranoside	377
	6-Azido-6-deoxy-L-galactose	91		L-Fuculose - Aqueous solution	270
	6-Azido-6-deoxy-D-galactose	91		D-Fuculose	269
	2-Azido-2-deoxy-D-galactose	91		L-Fucose	268
	6-Azido-6-deoxy-D-fructose	91		L-[1-13C]Fucose	268
	5-Azido-5-deoxy-D-fructose	90	<sup>13</sup> CC <sub>6</sub> H <sub>12</sub> O <sub>5</sub>	D-Fucose	268
	5-Azido-5-deoxy-L-altrofurranose	90		6-Deoxy-L-talose	186
C <sub>6</sub> H <sub>11</sub> O <sub>5</sub> S·Na	a-D-Thiomannose sodium salt	557		6-Deoxy-a-D-talose	185
C <sub>6</sub> H <sub>11</sub> NaO <sub>5</sub> S	b-D-Thiogluconate sodium salt	556		1-D-3-Deoxy-myo-inositol	177
	b-D-Thiogalactose sodium salt	556		6-Deoxy-D-glucose	175
C <sub>6</sub> H <sub>11</sub> NO <sub>6</sub>	b-D-Xylopyranosyl nitromethane	603		4-Deoxy-D-glucose	175
	D-Glucuronamide	301		3-Deoxy-D-glucose	175
	a-L-Arabinopyranosyl nitromethane	81		2-Deoxy-D-glucose	175
2C <sub>6</sub> H <sub>11</sub> O <sub>7</sub> Mn	D-Gluconic acid manganese salt	287		2-Deoxy-D-galactose	174
C <sub>6</sub> H <sub>11</sub> O <sub>7</sub> Li	D-Gluconic acid lithium salt	287		3-Deoxy-D-galactopyranose	174
C <sub>6</sub> H <sub>11</sub> O <sub>7</sub> ½Ca	L-Gluconic acid calcium salt	287		3-Deoxy-D-fructose	173
	D-Gluconic acid calcium salt	287		1-Deoxy-D-fructose	173
C <sub>6</sub> H <sub>11</sub> KO <sub>7</sub>	D-Gluconic acid potassium salt	287		2-Deoxy-2-fluoro-L-[UL-13C]fucose	172
C <sub>6</sub> H <sub>11</sub> NaO <sub>7</sub>	D-Gluconic acid sodium salt	288		2,5-Anhydro-D-mannitol	77
C <sub>6</sub> H <sub>9</sub> O <sub>7</sub> ½Ca·H <sub>2</sub> O	2-Keto-D-gluconic acid hemicalcium salt monohydrate	345		1,5-Anhydro-D-mannitol	76
C <sub>6</sub> H <sub>9</sub> NaO <sub>7</sub> ·H <sub>2</sub> O	Sodium-D-gluconate	505		1,4-Anhydro-D-mannitol	76
C <sub>6</sub> H <sub>11</sub> O <sub>8</sub> P	6-Phospho-D-glucono-1,5-lactone	475		2,5-Anhydro-L-iditol	76
C <sub>6</sub> H <sub>11</sub> Na <sub>2</sub> O <sub>8</sub> P	L-Fucose-1-phosphate disodium salt	269		2,5-Anhydro-D-glucitol	74
C <sub>6</sub> H <sub>11</sub> BaO <sub>8</sub> P	D-Glucose-6-phosphate barium salt	298		1,5-Anhydro-D-glucitol	74
C <sub>6</sub> H <sub>11</sub> K <sub>2</sub> O <sub>9</sub> P	a-D-Mannose-1-phosphate dipotassium salt	358		1,4-Anhydro-D-glucitol	74
	a-L-Galactose-1-phosphate dipotassium salt	276	C <sub>6</sub> H <sub>12</sub> O <sub>5</sub> S	5-Thio-a-D-mannose	557
C <sub>6</sub> H <sub>11</sub> Na <sub>2</sub> O <sub>9</sub> P	a-D-Mannose-1-phosphate sodium salt	359		5-Thio-D-glucose	556
	D-Glucose-6-phosphate disodium salt	299		b-D-Thiogalactose	556
	b-D-Glucose-1-phosphate disodium salt	299	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	L-Talose	511
	D-Galactose-1-phosphate disodium salt	276		D-Talose	511
	a-D-Galactose-1-phosphate disodium salt	276		L-Tagatose	510
	D-Fructose 6-phosphate disodium salt	267		D-Tagatose	510
	D-Fructose 1-phosphate disodium salt	267		L-Sorbose	506
C <sub>6</sub> H <sub>11</sub> O <sub>9</sub> PNa <sub>2</sub>	D-Allose-6-phosphate disodium salt hydrate	47		D-Sorbose	506
C <sub>6</sub> H <sub>11</sub> O <sub>9</sub> SNa	D-Mannose-6-O-sulphate sodium salt	359		scyllo-Inositol	501
	L-Galactose-6-O-sulphate sodium salt	277		L-Psicose	484
	D-Galactose-6-O-sulphate sodium salt	277		D-Psicose	484
	D-Galactose-4-O-sulphate sodium salt	277			

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C<sub>6</sub>H<sub>11</sub>BAO<sub>9</sub>P·3H<sub>2</sub>O

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	muco-Inositol	433	
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	D-Mannose - F (from birch)	357	
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	myo-Inositol	325	
	cis-Inositol	325	
	L-Idose - Aqueous solution	324	
	D-Idose - Aqueous solution	323	
	2-C-Hydroxymethyl-D-ribose	317	
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	L-Glucose	297	
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13C <sub>2</sub> C <sub>4</sub> H <sub>12</sub> O <sub>6</sub>	D-Glucose-1,6-13C2	296	
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C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	D-Fructose	265	
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C <sub>6</sub> H <sub>12</sub> O <sub>7</sub>	D-Gluconic acid - 45-50% in water	286	
C <sub>6</sub> H <sub>10</sub> O <sub>7</sub> ·H <sub>2</sub> O	D-Galacturonic acid monohydrate	278	
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C <sub>6</sub> H <sub>12</sub> O <sub>9</sub> P·Na	2-Deoxy-D-glucose-6-phosphate sodium salt	175	
C <sub>6</sub> H <sub>12</sub> NNaO <sub>8</sub> P	D-Glucosamine-6-phosphate sodium salt	294	
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C <sub>6</sub> H <sub>12</sub> NNaO <sub>8</sub> S	D-Glucosamine-2-N-sulfate sodium salt	294	
C <sub>6</sub> H <sub>12</sub> NO <sub>8</sub> SNa	D-Galactosamine-2-N-sulphate sodium salt	275	
C <sub>6</sub> H <sub>12</sub> KO <sub>9</sub> P	L-Sorbose-1-phosphate potassium salt	507	
C <sub>6</sub> H <sub>12</sub> NaO <sub>9</sub> P	D-Mannose-6-phosphate sodium salt	359	
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C <sub>6</sub> H <sub>10</sub> O <sub>10</sub> P·3Na·2H <sub>2</sub> O	D-Gluconate 6-phosphate trisodium salt dihydrate	286	
C <sub>6</sub> H <sub>12</sub> NO <sub>11</sub> S <sub>2</sub> Na	D-Glucosamine-3,6-di-O-sulphate sodium salt	293	
C <sub>6</sub> H <sub>12</sub> O <sub>12</sub> P <sub>2</sub> ·Mg	D-Fructose-1,6-diphosphate magnesium salt	266	
C <sub>6</sub> H <sub>12</sub> O <sub>12</sub> P <sub>2</sub> ·Ca	D-Fructose-1,6-diphosphate monocalcium salt	266	
C <sub>6</sub> H <sub>12</sub> Na <sub>2</sub> O <sub>12</sub> P <sub>2</sub>	D-Fructose-2,6-diphosphate sodium salt	266	
C <sub>6</sub> H <sub>10</sub> BA <sub>2</sub> O <sub>11</sub> P <sub>2</sub> ·2H <sub>2</sub> O	2,5-Anhydro-D-mannitol-1,6-diphosphate dibarium salt dihydrate	77	
C <sub>6</sub> H <sub>12</sub> O <sub>12</sub> P <sub>2</sub> ·2Na	D-Fructose-1,6-diphosphate disodium salt	266	
C <sub>6</sub> H <sub>10</sub> K <sub>4</sub> O <sub>12</sub> P <sub>2</sub> ·xH <sub>2</sub> O	a-D-Glucose-1,6-diphosphate potassium salt hydrate	297	
C <sub>6</sub> H <sub>12</sub> O <sub>15</sub> P <sub>3</sub>	D-myo-Inositol-3,4,5-triphosphate	327	
	D-myo-Inositol-1,3,4-triphosphate	327	
C <sub>6</sub> H <sub>12</sub> O <sub>15</sub> P <sub>3</sub> ·xNa	D-myo-Inositol-2,5,6-triphosphate sodium salt	328	
	D-myo-Inositol-2,4,5-triphosphate sodium salt	328	
	D-myo-Inositol-1,5,6-triphosphate sodium salt	328	
	D-myo-Inositol-1,3,5-triphosphate sodium salt	328	
	D-myo-Inositol-1,2,6-triphosphate sodium salt	328	
	D-myo-Inositol 1,4,6-triphosphate sodium salt	328	
C <sub>6</sub> H <sub>12</sub> O <sub>18</sub> P <sub>4</sub> Na <sub>4</sub>	D-myo-Inositol 1,4,5,6-tetraphosphate sodium salt	327	
C <sub>6</sub> H <sub>12</sub> O <sub>18</sub> P <sub>4</sub> ·4Na	D-myo-Inositol-1,2,5,6-tetraphosphate sodium salt	327	
C <sub>6</sub> H <sub>12</sub> O <sub>21</sub> P <sub>6</sub>	myo-Inositol trispyrophosphate	328	

Formula	Product Name	Page
C <sub>6</sub> H <sub>13</sub> NO	(1R,3S)-3-Aminocyclopentanemethanol	56
C <sub>6</sub> H <sub>13</sub> NO <sub>3</sub>	4-Hydroxy-L-isoleucine	315
	Fagomine	258
	5-epi-isofagomine	236
C <sub>6</sub> H <sub>13</sub> NO <sub>4</sub>	Methyl 5-amino-5-deoxy-a-D-ribofuranoside	376
	b-L-Fucopyranosylamine	268
	2,5-Dideoxy-2,5-imino-L-mannitol	209
	2,5-Dideoxy-2,5-imino-D-mannitol	209
	2,5-Dideoxy-2,5-imino-D-glucitol	209
	1-Deoxynojirimycin	182
	1-Deoxygalactonojirimycin	173
	(2S,5S)-Bishydroxymethyl-(3R,4R)-bishydroxypyrrrolidine	122
	3-Amino-2,3-dideoxy-D-myo-inositol	63
	2-Amino-2-deoxy-L-fucose	58
2-Amino-2-deoxy-D-fucose	58	
1-Amino-2,5-anhydro-D-glucitol	55	
1-Amino-2,5-anhydro-1-deoxy-D-mannitol	55	
C <sub>6</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub> S	L-Ribopyranosyl thiosemicarbazide	497
	D-Ribopyranosyl thiosemicarbazide	497
	L-Arabinopyranosyl thiosemicarbazide	82
	D-Arabinopyranosyl thiosemicarbazide	82
C <sub>6</sub> H <sub>13</sub> ClO <sub>5</sub>	2-Chloro-2-deoxy-D-mannitol	144
	6-Chloro-6-deoxy-D-glucitol	144
	6-Chloro-6-deoxy-D-galactitol	143
	4-Chloro-4-deoxy-D-galactitol	143
	6-Chloro-6-deoxy-D-allitol	142
C <sub>6</sub> H <sub>13</sub> FO <sub>5</sub>	3-Deoxy-3-fluoro-D-glucitol	169
	3-Deoxy-3-fluoro-D-galactitol	168
C <sub>6</sub> H <sub>13</sub> NO <sub>5</sub>	scyllo-Inosamine	500
	L-Glucosamine hydrochloride	294
	b-D-Glucopyranosyl amine	289
	Galactostatin	277
	b-D-Galactopyranosyl amine	273
	2-Amino-2-deoxy-D-idose	60
	4-Amino-4-deoxy-D-glucopyranose	59
3-Amino-3-deoxy-b-D-fructofuranose	58	
2-Amino-2-deoxy-D-altrose	57	
C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub> ·HCl	D-Glucosamine-oxime HCl	294
C <sub>6</sub> H <sub>13</sub> NO <sub>6</sub>	D-Glucosaminic acid	295
C <sub>6</sub> H <sub>11</sub> NaO <sub>5</sub> S·H <sub>2</sub> O	b-D-Thiogluconic sodium salt hydrate	556
C <sub>6</sub> H <sub>13</sub> NO <sub>7</sub>	1-Deoxy-1-nitro-L-mannitol	182
	1-Deoxy-1-nitro-D-mannitol	182
	1-Deoxy-1-nitro-L-galactitol	181
	1-Deoxy-1-nitro-D-galactitol	181
C <sub>6</sub> H <sub>13</sub> NO <sub>7</sub> ·S	Nojirimycin-1-sulfonic acid	442
	D-Mannojojirimycin hydrogensulfite	355
	Galactostatin bisulfite	277
C <sub>6</sub> H <sub>11</sub> O <sub>7</sub> ·½Mg·xH <sub>2</sub> O	D-Gluconic acid magnesium (II) hydrate	287
C <sub>6</sub> H <sub>13</sub> O <sub>8</sub> P	2-Deoxy-D-glucose-6-phosphate	175
	2,5-Anhydro-D-glucitol-6-phosphate	75
	1,5-Anhydro-D-glucitol-6-dihydrogenphosphate	75
C <sub>6</sub> H <sub>13</sub> NO <sub>8</sub> S	Topiramate didesacetal impurity	560
	D-Glucosamine-6-O-sulphate	295
	D-Glucosamine-3-O-sulphate	295
	D-Galactosamine-6-O-sulphate	275
C <sub>6</sub> H <sub>13</sub> O <sub>9</sub> P·xLi	D-Tagatose-6-phosphate lithium salt	510
C <sub>6</sub> H <sub>13</sub> O <sub>9</sub> P	D-Tagatose 1-phosphate	510
	D-myo-inositol 3-phosphate	326
	D-Glucose-6-phosphate - 1M, in H <sub>2</sub> O	298
C <sub>6</sub> H <sub>11</sub> BAO <sub>9</sub> P·H <sub>2</sub> O	2,5-Anhydro-D-mannitol-1-phosphate barium salt hydrate	77
C <sub>6</sub> H <sub>11</sub> BAO <sub>9</sub> P·xH <sub>2</sub> O	D-Glucose-6-phosphate barium salt hydrate	298
C <sub>6</sub> H <sub>11</sub> O <sub>9</sub> PK <sub>2</sub> ·H <sub>2</sub> O	D-Glucose-6-phosphate dipotassium salt hydrate	299
C <sub>6</sub> H <sub>11</sub> K <sub>2</sub> O <sub>9</sub> P·H <sub>2</sub> O	a-D-Glucose-1-phosphate dipotassium salt hydrate	299
C <sub>6</sub> H <sub>11</sub> K <sub>2</sub> O <sub>9</sub> P·xH <sub>2</sub> O	a-D-Galactose-1-phosphate dipotassium salt hydrate	276
C <sub>6</sub> H <sub>11</sub> O <sub>9</sub> PNa <sub>2</sub> ·H <sub>2</sub> O	D-Mannose-6-phosphate disodium salt hydrate	359
C <sub>6</sub> H <sub>11</sub> Na <sub>2</sub> O <sub>9</sub> P·xH <sub>2</sub> O	D-Glucose-6-phosphate disodium salt hydrate	299
C <sub>6</sub> H <sub>11</sub> BAO <sub>9</sub> P·2H <sub>2</sub> O	D-Mannose-6-phosphate barium salt hydrate	358
C <sub>6</sub> H <sub>11</sub> O <sub>9</sub> P·2Na·xH <sub>2</sub> O	a-D-Glucose-1-phosphate disodium salt hydrate	299
C <sub>6</sub> H <sub>11</sub> BAO <sub>9</sub> P·3H <sub>2</sub> O	D-Fructose-1-phosphate barium salt trihydrate	267

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>6</sub> H <sub>11</sub> Na <sub>2</sub> O <sub>9</sub> P·4H <sub>2</sub> O	a-D-Glucose-1-phosphate disodium salt tetrahydrate	299	C <sub>6</sub> H <sub>13</sub> O <sub>9</sub> P·Na <sub>2</sub> ·3H <sub>2</sub> O	L-Allose-6-phosphate disodium salt hydrate	47
C <sub>6</sub> H <sub>11</sub> Na <sub>3</sub> O <sub>12</sub> P <sub>2</sub> ·8H <sub>2</sub> O	D-Fructose-1,6-diphosphate trisodium salt octahydrate	267	C <sub>6</sub> H <sub>15</sub> O <sub>15</sub> P <sub>3</sub>	D-myo-Inositol-1,2,3,6-triphosphate	327
C <sub>6</sub> H <sub>13</sub> NO <sub>3</sub> ·HCl	Isofagomine hydrochloride	331		D-myo-Inositol 1,2,3,6-triphosphate	327
C <sub>6</sub> H <sub>13</sub> NO <sub>3</sub> ·HCl	1-Deoxyfuconojirimycin HCl	173	C <sub>6</sub> H <sub>15</sub> NO <sub>5</sub> ·HCl	1-Amino-1-deoxy-D-galactitol hydrochloride	58
C <sub>6</sub> H <sub>14</sub> NCIO <sub>3</sub>	L-Daunosamine hydrochloride	159	C <sub>6</sub> H <sub>14</sub> O <sub>7</sub> ·6H <sub>2</sub> O	D-Sorbitol hexahydrate	506
C <sub>6</sub> H <sub>14</sub> CINO <sub>3</sub>	3-Amino-2,3,6-trideoxy-L-arabino-hexose hydrochloride	67	C <sub>6</sub> H <sub>17</sub> O <sub>21</sub> P <sub>5</sub>	myo-Inositol 1,2,4,5,6-pentakisphosphate	326
C <sub>6</sub> H <sub>14</sub> CINO <sub>3</sub> S	Mannostatin A hydrochloride	359		myo-Inositol 1,2,3,5,6-pentakisphosphate	326
C <sub>6</sub> H <sub>14</sub> O <sub>4</sub>	(S,S)-(-)-1,4-Dimethoxy-2,3-butanediol	225		myo-Inositol 1,2,3,4,6-pentakisphosphate	326
C <sub>6</sub> H <sub>13</sub> NO <sub>4</sub> ·HCl	(R,R)-(+)-1,4-Dimethoxy-2,3-butanediol	225	C <sub>6</sub> H <sub>11</sub> O <sub>8</sub> PS·N <sub>2</sub> H <sub>8</sub>	5-Thio-D-glucose-6-phosphate diammonium salt	556
	scyllo-Inosamine hydrochloride	501	C <sub>6</sub> H <sub>12</sub> O <sub>9</sub> PN <sub>2</sub>	a-D-Mannose-1-phosphate ammonium salt	358
	D-Quinvosamine hydrochloride	488	C <sub>6</sub> H <sub>13</sub> N <sub>2</sub> O <sub>5</sub> P	b-L-Glucose-1-phosphate ammonium salt	298
	2,5-Dideoxy-2,5-imino-D-mannitol HCl	210	C <sub>7</sub> H <sub>9</sub> NO <sub>4</sub>	2,6-Anhydro-3-deoxy-D-lyxo-hept-2-enonitrile	72
	1,4-Dideoxy-1,4-imino-D-mannitol HCl	209	C <sub>7</sub> H <sub>10</sub> O <sub>4</sub>	2,3-O-Isopropylidene-D-erythronolactone	334
	1-Deoxyojirimycin HCl	182	C <sub>7</sub> H <sub>10</sub> O <sub>5</sub>	5-Alkynyl-L-fucose	45
	1-Deoxymannojirimycin HCl	179	C <sub>7</sub> H <sub>10</sub> O <sub>6</sub>	1,3,5-O-Methylidene-myo-inositol	402
C <sub>6</sub> H <sub>14</sub> CINO <sub>4</sub>	1-Deoxy-L-idonijirimycin hydrochloride	176		Methyl-4-deoxy-a-L-threo-hex-4-enopyranosiduronic acid	389
C <sub>6</sub> H <sub>13</sub> NO <sub>4</sub> ·HCl	1-Deoxy-L-idonijirimycin HCl	176	C <sub>7</sub> H <sub>10</sub> O <sub>7</sub>	2,3-O-Carbonyl-a-D-mannopyranose	136
	1-Deoxygalactonijirimycin HCl	173	C <sub>7</sub> H <sub>10</sub> O <sub>10</sub> Na <sub>2</sub> S	Methyl a-L-idopyranosiduronic acid 2-sulfate sodium salt	402
	1-Deoxy-L-altronijirimycin HCl	162	C <sub>7</sub> H <sub>10</sub> K <sub>4</sub> O <sub>18</sub> S <sub>4</sub>	Methyl a-D-mannopyranoside 2,3,4,6-tetrasulfate potassium salt	406
C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub>	Neosamine	438		Methyl a-D-glucopyranoside 2,3,4,6-tetrasulfate potassium salt	401
C <sub>6</sub> H <sub>14</sub> O <sub>5</sub>	L-Fucitol	267	C <sub>6</sub> H <sub>11</sub> O <sub>7</sub> ·½Cu	D-Gluconic acid copper (II) salt	287
	1-Deoxy-D-glucitol	174	C <sub>7</sub> H <sub>11</sub> O <sub>7</sub> ·Na	Methyl a-L-idopyranosiduronic acid sodium salt	402
<sup>13</sup> C <sub>6</sub> H <sub>13</sub> NO <sub>5</sub> ·HCl	D-[UL-13C6]Glucosamine HCl	599	C <sub>7</sub> H <sub>11</sub> Na <sub>2</sub> O <sub>10</sub> P	3-Deoxy-D-arabino-heptulosonic acid 7-phosphate disodium salt	162
C <sub>6</sub> H <sub>13</sub> NO <sub>5</sub> ·HCl	D-Mannosamine HCl	357	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub>	2,3-O-Isopropylidene-D-erythrofurane	334
	D-Glucosamine HCl - sea shell origin	293		2-(Dimethoxymethyl)dihydro-3(2H)-furanone	226
	D-Glucosamine HCl - non-animal origin	293		1,4:3,6-Dianhydro-2-O-methyl-D-glucitol	198
	D-Galactosamine HCl - Synthetic origin	274	C <sub>7</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>4</sub>	Methyl 4,6-dichloro-4,6-dideoxy-a-D-glucopyranoside	395
	D-Galactosamine HCl	274		Methyl 4,6-dichloro-4,6-dideoxy-a-D-galactopyranoside	395
	1-Amino-1-deoxy-D-psicose hydrochloride	62	C <sub>7</sub> H <sub>12</sub> O <sub>5</sub>	Methyl 3,6-anhydro-a-D-galactopyranoside	377
	3-Amino-3-deoxy-D-mannose HCl	61	C <sub>7</sub> H <sub>12</sub> O <sub>6</sub>	5-O-Acetyl-a-L-arabinofuranose	29
	2-Amino-2-deoxy-D-gulose hydrochloride	60	C <sub>7</sub> H <sub>12</sub> O <sub>7</sub>	4-O-Methyl-D-glucuronic acid	402
	6-Amino-6-deoxy-D-glucose hydrochloride	60		D-Glucuronic acid methyl ester	301
	3-Amino-3-deoxy-D-glucose HCl	60		D-Glucoheptonic acid-1,4-lactone	285
	6-Amino-6-deoxy-D-galactopyranose HCl	59		D-Galacturonic acid methyl ester	278
	1-Amino-1-deoxy-D-fructose hydrochloride	58	C <sub>7</sub> H <sub>12</sub> O <sub>13</sub> P <sub>2</sub> ·2Ba	Sedoheptulose-1,7-diphosphate dibarium salt	502
	6-Amino-6-deoxy-D-mannopyranose hydrochloride	57	C <sub>7</sub> H <sub>13</sub> NO <sub>3</sub>	Calystegine A5	135
	2-Amino-2-deoxy-D-allose hydrochloride	56		Calystegine A3	135
	6-Amino-6-deoxy-D-allopyranose hydrochloride	56	C <sub>7</sub> H <sub>13</sub> NO <sub>4</sub>	Valienamine HCl	600
C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>	L-Talitol	511		Calystegine B4	135
	D-Talitol	511		Calystegine B3	135
	L-Sorbitol	506		Calystegine B2	135
	D-Sorbitol	506		Calystegine B1	135
C <sub>6</sub> H <sub>12</sub> O <sub>5</sub> ·H <sub>2</sub> O	L-Rhamnose monohydrate - USP	494	C <sub>7</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> ·HCl	2,6-Anhydro-3-deoxy-D-lyxo-hept-2-enonimidamide monohydrochloride	72
	L-Rhamnose monohydrate	494		Methyl 6-chloro-6-deoxy-a-D-glucopyranoside	384
	a-L-Rhamnose monohydrate	493	C <sub>7</sub> H <sub>13</sub> ClO <sub>5</sub>	Methyl 4-chloro-4-deoxy-a-D-glucopyranoside	384
C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>	L-Mannitol	355		Methyl 4-chloro-4-deoxy-a-D-galactopyranoside	384
	D-Mannitol - EP	355		Methyl 6-chloro-6-deoxy-a-D-altropyranoside	384
	D-Mannitol	355	C <sub>7</sub> H <sub>13</sub> FO <sub>5</sub>	Methyl 4-deoxy-4-fluoro-a-D-glucose	386
	L-Iditol	323		Methyl 3-deoxy-3-fluoro-b-D-allopyranoside	386
	D-Iditol	323	C <sub>7</sub> H <sub>13</sub> NO <sub>5</sub>	N-Acetyl-L-xylosamine	44
	Dulcitol	232		N-Acetyl-L-lyxosamine	37
	Allitol	46	C <sub>7</sub> H <sub>13</sub> NO <sub>6</sub>	b-L-Rhamnopyranosyl nitromethane	492
C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> ·H <sub>2</sub> O	D-Glucose - monohydrate	296		b-L-Fucopyranosyl nitromethane	268
C <sub>6</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub> ·HNO <sub>3</sub>	N-1-b-D-Arabinopyranosylamino guanidine HNO <sub>3</sub>	81	C <sub>7</sub> H <sub>13</sub> NO <sub>7</sub>	b-D-Mannopyranosyl nitromethane	356
C <sub>6</sub> H <sub>14</sub> NO <sub>6</sub> P	D-Glucosamine 6-phosphate	294		b-D-Glucopyranosyl nitromethane	291
	D-Galactosamine-1-phosphate	274		b-D-Galactopyranosyl nitromethane	273
C <sub>6</sub> H <sub>14</sub> O <sub>11</sub> P <sub>2</sub>	2,5-Anhydro-D-glucitol-1,6-diphosphate	75	C <sub>7</sub> H <sub>13</sub> O <sub>8</sub> Na	D-Glucoheptonic acid sodium salt dihydrate	286
C <sub>6</sub> H <sub>14</sub> O <sub>12</sub> P <sub>2</sub>	D-Fructose-1,6-diphosphate	265		a-D-Glucoheptonic acid sodium salt	286
(C <sub>6</sub> H <sub>14</sub> NO <sub>5</sub> ) <sub>2</sub> ·SO <sub>4</sub> ·2KCl	Glucosamine sulfate potassium chloride	294	C <sub>7</sub> H <sub>13</sub> O <sub>10</sub> PBa	D-Sedoheptulose-7-phosphate barium salt	502
C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub> ·HCl	N1-b-D-Arabinopyranosylamino-guanidine HCl	81	C <sub>7</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>	2-Acetamido-1,4-imino-1,2,4-trideoxy-L-arabinitol	18
C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub> ·HCl	N1-a-L-Arabinopyranosylamino-guanidine HCl	81		2-Acetamido-2-deoxy-L-lyxojirimycin	15
C <sub>6</sub> H <sub>13</sub> NO <sub>5</sub>	D-Glucamine	284		2-Acetamido-2-deoxy-D-lyxojirimycin	15
	2-Amino-2-deoxy-glucitol	59	C <sub>7</sub> H <sub>14</sub> O <sub>4</sub>	Methyl 2,6-dideoxy-a-D-glucopyranoside	396
C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub> ·2HBr	2-Deoxystreptamine dihydrobromide	185		Methyl 3,6-dideoxy-a-D-arabino-hexopyranoside	395
C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub> ·HNO <sub>3</sub>	N1-a-L-Arabinopyranosylamino-guanidine HNO <sub>3</sub>	81		2,3-O-Isopropylidene-L-threitol	339
C <sub>6</sub> H <sub>13</sub> NO <sub>7</sub> ·½H <sub>2</sub> O	1-Deoxy-1-nitro-L-iditol hemihydrate	182		(-)-2,3-O-Isopropylidene-D-threitol	339
	1-Deoxy-1-nitro-D-iditol hemihydrate	181			
C <sub>6</sub> H <sub>15</sub> O <sub>9</sub> P·xLi	D-Mannitol 1-phosphate lithium salt	355			
C <sub>6</sub> H <sub>13</sub> NO <sub>5</sub> ·H <sub>2</sub> SO <sub>4</sub>	D-Glucosamine sulfate	294			

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C<sub>8</sub>H<sub>13</sub>NO<sub>12</sub>S<sub>2</sub>Na<sub>2</sub>

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>7</sub> H <sub>14</sub> O <sub>4</sub>	(3R,5R)-5-(Dimethoxymethyl)tetrahydrofuran-3-ol	226	C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub> ·HCl	L-Daunosamine-b-methylglycoside hydrochloride	159
C <sub>7</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub>	D-2'-Deoxyribofuranosyl-3-guanyurea	183	C <sub>7</sub> H <sub>15</sub> NO <sub>5</sub> ·HCl	N-Methyl-b-D-glucopyranosylamine (hydrochloride or other salt)	401
C <sub>7</sub> H <sub>14</sub> O <sub>5</sub>	Methyl L-rhamnopyranoside	413		Methyl 3-amino-3-deoxy-a-D-mannopyranoside HCl	376
	Methyl a-L-rhamnopyranoside	413		Methyl 6-amino-6-deoxy-a-D-glucopyranoside HCl	375
	1-O-Methyl a-D-rhamnopyranoside	413	C <sub>7</sub> H <sub>16</sub> ClNO <sub>5</sub>	Methyl 2-amino-2-deoxy-b-D-glucopyranoside HCl	375
	Methyl L-fucopyranoside	399		Perseitol	458
	Methyl b-L-fucopyranoside	398	C <sub>7</sub> H <sub>16</sub> O <sub>7</sub>	Methyl b-D-glucopyranoside hemihydrate	400
	Methyl a-L-fucopyranoside	398	C <sub>7</sub> H <sub>16</sub> O <sub>7</sub> ·½H <sub>2</sub> O	D-Glycero-D-talo-heptitol	304
	Methyl a-D-fucopyranoside	398	C <sub>7</sub> H <sub>17</sub> NO <sub>5</sub>	N-Methyl-D-glucamine	399
	Methyl 6-deoxy-b-D-glucopyranoside	386	C <sub>7</sub> H <sub>16</sub> N <sub>4</sub> O <sub>5</sub> ·HCl	N1-b-D-Glucopyranosylamino-guanidine HCl	289
	Methyl 6-deoxy-a-D-glucopyranoside	386		N1-b-D-Galactopyranosylamino-guanidine HCl	273
	Methyl 4-deoxy-a-D-glucopyranoside	386	C <sub>7</sub> H <sub>16</sub> N <sub>4</sub> O <sub>5</sub> ·HNO <sub>3</sub>	N1-b-D-Glucopyranosylamino-guanidine HNO <sub>3</sub>	289
	Ethyl b-D-xylopyranoside	255		N1-b-D-Galactopyranosylamino-guanidine HNO <sub>3</sub>	273
	D-Digitalose	213	C <sub>7</sub> H <sub>17</sub> NO <sub>5</sub> ·HCl	N-Methyl-D-glucamine HCl	400
C <sub>7</sub> H <sub>14</sub> O <sub>5</sub> S	Methyl b-D-thioglucofuranoside	417	C <sub>7</sub> H <sub>17</sub> NO <sub>5</sub> ·HSbO <sub>3</sub>	N-Methylglucamine antimonate	400
	Methyl b-D-thiogalactopyranoside	416	C <sub>8</sub> H <sub>6</sub> D <sub>5</sub> O <sub>7</sub>	d5-Ethyl b-D-glucuronide	249
C <sub>7</sub> H <sub>14</sub> O <sub>6</sub>	D-Pinitol	476	C <sub>8</sub> H <sub>6</sub> FN <sub>3</sub> Na <sub>3</sub> O <sub>12</sub> P <sub>3</sub> S	(-)-Emtricitabine triphosphate	234
	Methyl a-D-mannopyranoside	405	C <sub>8</sub> H <sub>10</sub> FN <sub>3</sub> O <sub>3</sub> S	2-epi(-)-emtricitabine	235
	3-O-Methyl-D-mannopyranose	405	C <sub>8</sub> H <sub>10</sub> O <sub>4</sub>	1,6-Anhydro-2-O-acetyl-3,4-dideoxy-b-D-erythro-hex-3-enopyranose	69
	Methyl b-D-maltopyranoside	405		5-Bromo-5-deoxy-2,3-O-isopropylidene-D-ribo-1,4-lactone	125
	5-O-Methyl-myo-inositol	403	C <sub>8</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub>	5-Azido-5-deoxy-2,3-O-isopropylidene-D-lyxono-1,4-lactone	92
	1-D-4-O-Methyl-myo-inositol	402	C <sub>8</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>8</sub>	a-Chloralose	141
	6-O-Methyl-D-glucose	401	C <sub>8</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>7</sub>	Trichloroethyl b-D-glucuronide	588
	4-O-Methyl-D-glucose	401	C <sub>8</sub> H <sub>11</sub> D <sub>3</sub> O <sub>7</sub>	d3-Ethyl b-D-glucuronide	249
	2-O-Methyl-D-glucose	401	C <sub>8</sub> H <sub>12</sub> F <sub>2</sub> O <sub>4</sub>	3-Deoxy-3,3-difluoro-1,2-O-isopropylidene-a-D-xylofuranose	164
	Methyl b-D-glucopyranoside	400		2,3-O-Isopropylidene-L-ribonic acid-1,4-lactone	339
	Methyl a-D-glucopyranoside	400		2,3-O-Isopropylidene-D-ribonic acid-1,4-lactone	338
	3-O-Methyl-D-glucopyranose	400		3,5-O-Isopropylidene-L-lyxonic acid-1,4-lactone	337
	Methyl D-galactopyranoside	399		3,5-O-Isopropylidene-D-lyxonic acid-1,4-lactone	337
	Methyl b-D-galactopyranoside	399		2,3-O-Isopropylidene-L-lyxonic acid-1,4-lactone	337
	Methyl a-D-galactopyranoside - Crude	399		2,3-O-Isopropylidene-D-lyxonic acid-1,4-lactone	336
	Methyl a-D-galactopyranoside	399		1,4,3,6-Dianhydro-2-O-acetyl-D-glucitol	196
	6-O-Methyl-D-galactopyranose	399		5-Aldo-1,2-O-isopropylidene-a-D-xylofuranose	45
	2-O-Methyl-D-galactopyranose	399		5-Aldo-1,2-O-isopropylidene-b-D-xylofuranose	45
	Methyl b-D-fructofuranoside	398		Methyl (methyl-4-deoxy-alpha-L-threo-hex-4-enopyranosid)uronate	407
	Methyl b-D-altropyranoside	375		1,2-O-Isopropylidene-a-D-xylofuranuronic acid	341
	Methyl a-D-altropyranoside	375		2-Deoxy-2-trifluoroacetamido-D-glucose	187
C <sub>7</sub> H <sub>12</sub> O <sub>6</sub> ·H <sub>2</sub> O	Sedoheptulose anhydride monohydrate	501		Kifunensine	346
C <sub>7</sub> H <sub>14</sub> O <sub>7</sub>	D-Sedoheptulose	501		epi-Kifunensine	236
	D-Mannoheptulose	355	C <sub>8</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub> S	(2R,3S,4S,5R,6S)-3,4,5-Trihydroxy-2-hydroxymethyl-7,9-diaza-1-oxa-spiro[4,5]decane-10-one-8-thione	591
	D-Glycero-D-talo-heptose	305		(2R,3R,4S,5R,6S)-3,4,5-Trihydroxy-2-hydroxymethyl-7,9-diaza-1-oxa-spiro[4,5]decane-10-one-8-thione	590
	L-Glycero-D-manno-heptose	304		1,2-O-Isopropylidene-3-deoxy-3-fluoro-a-D-xylofuranose	333
	D-Glycero-D-manno-heptose	304		1,2-O-Isopropylidene-3-deoxy-3-fluoro-a-D-ribofuranose	333
	L-Glycero-D-gluco-heptose	303	C <sub>8</sub> H <sub>13</sub> NO <sub>4</sub> S	N-Acetyl-glucosaminyl thiazoline	36
	L-Glycero-L-galacto-heptose	303	C <sub>8</sub> H <sub>13</sub> NO <sub>5</sub>	2-Methyl-(1,2-dideoxy-a-D-glucopyranosyl)-[2,1-d]-2-oxazoline	396
	D-Glycero-D-galacto-heptose	303		Methyl 2,6-anhydro-3-deoxy-D-lyxo-hept-2-enonimide	377
	D-Glucoheptose	286	C <sub>8</sub> H <sub>13</sub> NO <sub>6</sub>	6,7,8-Trihydroxy-1-(hydroxymethyl)-3-oxo-2-oxa-4-azabicyclo[3.3.1]nonane	591
	alpha-D-Glucoheptose	286		2-Acetamido-2-deoxy-D-mannono-1,4-lactone	15
	b-D-Galactoheptose	271		2-Acetamido-2-deoxy-D-glucono-1,5-lactone	13
	a-D-Galactofuranosyl nitromethane	271		2-Acetamido-2-deoxy-D-galactono-1,4-lactone	12
C <sub>7</sub> H <sub>14</sub> O <sub>8</sub>	D-Glucoheptonic acid - 50% aqueous solution	285	C <sub>8</sub> H <sub>13</sub> NO <sub>7</sub>	N-Acetyl-L-talosaminuronic acid	41
C <sub>7</sub> H <sub>14</sub> O <sub>8</sub> S	3-O-Methanesulfonyl-D-glucopyranose	361	C <sub>8</sub> H <sub>13</sub> NNa <sub>2</sub> O <sub>12</sub> S <sub>2</sub>	N-Acetyl-L-glucosamine-3,6-di-O-sulfate sodium salt	35
C <sub>7</sub> H <sub>14</sub> O <sub>10</sub> NPNa <sub>2</sub>	Phosphoric acid mono-(2R,3R,4S,5R)-2,3,4,5,7-pentahydroxy-6-hydroxyimino-heptyl) ester disodium salt (compound H)	476	C <sub>8</sub> H <sub>13</sub> NO <sub>12</sub> S <sub>2</sub> Na <sub>2</sub>	N-Acetyl-D-galactosamine-4,6-di-O-sulphate sodium salt	34
C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub>	Methyl a-L-acosamine	374			
	a-L-arabino-Hexopyranoside, methyl 3-amino-2,3,6-trideoxy-	80			
C <sub>7</sub> H <sub>15</sub> NO <sub>4</sub>	Validamine	600			
	N-Methyldeoxynojirimycin	387			
	Methyl 3-amino-3,6-dideoxy-a-L-talocide	376			
C <sub>7</sub> H <sub>15</sub> NO <sub>5</sub>	Valiolamine	600			
	N-Methyl-L-glucosamine	401			
	N-Methyl-D-glucosamine	401			
	Methyl 2-amino-2-deoxy-a-D-mannopyranoside	376			
	Methyl 6-amino-6-deoxy-a-D-glucopyranoside	375			
	a-Homonojirimycin	310			
	2-Amino-2-deoxy-3-O-methyl-D-glucose	61			
C <sub>7</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub> S	D-Glucopyranosyl thiosemicarbazide	293			
	D-Galactopyranosyl thiosemicarbazide	274			
C <sub>7</sub> H <sub>15</sub> O <sub>10</sub> P·xLi	D-Sedoheptulose 7-phosphate lithium salt	502			
C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub> ·HCl	Methyl b-L-daunosaminide HCl	385			
	Methyl a-L-daunosamide HCl	384			

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C <sub>8</sub> H <sub>13</sub> NO <sub>12</sub> S <sub>2</sub> ·2Na	N-Acetyl-D-galactosamine-3,6-di-O-sulphate sodium salt	33
C <sub>8</sub> H <sub>14</sub> O <sub>3</sub>	(2R,3S,5S)-Tetrahydro-3-hydroxy-5-(2-propen-1-yl)-2-furanmethanol	551
C <sub>8</sub> H <sub>14</sub> O <sub>4</sub>	Methyl 4-deoxy-2,3-O-isopropylidene-L-threonate	387
	1,4,3,6-Dianhydro-2,5-di-O-methyl-L-mannitol	197
	1,4,3,6-Dianhydro-2,5-di-O-methyl-D-lditol	197
	1,4,3,6-Dianhydro-2,5-di-O-methyl-D-glucitol	197
	4,7-Anhydro-1,2,3-trideoxy-D-allo- <i>oct</i> -1-enitol	78
C <sub>8</sub> H <sub>14</sub> O <sub>5</sub>	Methyl 3,4-O-isopropylidene-L-threonate	404
	3,5-O-Isopropylidene-a-L-xylofuranose	340
	3,5-O-Isopropylidene-a-D-xylofuranose	340
	1,2-O-Isopropylidene-a-L-xylofuranose	340
	1,2-O-Isopropylidene-a-D-xylofuranose	340
	2,3-O-Isopropylidene-L-ribofuranose	338
	2,3-O-Isopropylidene-D-ribofuranose	338
	2,3-O-Isopropylidene-D-lyxofuranose	336
	1,2-O-Isopropylidene-b-L-lyxofuranose	336
	3,4-O-Isopropylidene-L-arabinose	332
	3,4-O-Isopropylidene-D-arabinose	332
	3,4-O-Isopropylidene-b-D-arabinopyranose	332
	2,3-O-Isopropylidene-D-apiose	332
	1,2-O-Isopropylidene-b-L-apiose	332
C <sub>8</sub> H <sub>14</sub> FNO <sub>5</sub>	2-Acetamido-2,4-dideoxy-4-fluoro-a-D-glucopyranose	17
	2-Acetamido-2,4-dideoxy-4-fluoro-D-galactopyranose	17
C <sub>8</sub> H <sub>14</sub> N <sub>4</sub> O <sub>5</sub>	2-Acetamido-2-deoxy-b-D-glucopyranosyl azide	14
	2-Azido-6-azido-2,6-dideoxy-D-glucopyranose	10
	2-Acetamido-6-azido-2,6-dideoxy-D-galactopyranose	10
C <sub>8</sub> H <sub>14</sub> O <sub>6</sub>	1,2-O-Ethylidene b-D-mannopyranose	250
	4,6-O-Ethylidene-D-glucopyranose	250
C <sub>8</sub> H <sub>14</sub> ClNO <sub>6</sub>	2-N-Chloroacetyl-2-deoxy-D-glucosamine	141
C <sub>8</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub>	2-Acetamido-2-deoxy-D-gluconhydroximo-1,5-lactone	13
	2-Acetamido-2-deoxy-D-galacturonamide	13
C <sub>8</sub> H <sub>14</sub> N <sub>4</sub> O <sub>6</sub>	N-(Formylamidino)-N-b-D-ribofuranosylurea	263
	N-Azidoacetylmannosamine	88
	N-Azidoacetylglucosamine	88
	N-Azidoacetylgalactosamine	88
C <sub>8</sub> H <sub>14</sub> O <sub>6</sub> S	Ethyl D-thiogluconide	253
C <sub>8</sub> H <sub>14</sub> O <sub>7</sub>	Methyl 4-O-methyl-D-glucopyranosyluronate	407
	Ethyl b-D-gluconide	249
	6-O-Acetyl-D-glucose	36
	1-O-Acetyl-a-D-galactopyranose - min 90% alpha	33
C <sub>8</sub> H <sub>14</sub> O <sub>8</sub>	3-Deoxy-D-manno- <i>oct</i> -2-ulosonic acid	179
	6-O-Carboxymethyl-D-glucose	137
	3-O-Carboxymethyl-D-glucose	137
	2-O-Carboxymethyl-D-glucose	137
C <sub>8</sub> H <sub>14</sub> NO <sub>9</sub> P·2Na	N-Acetyl-D-mannosamine-6-phosphate disodium salt	38
	N-Acetyl-D-glucosamine-6-phosphate disodium salt	36
	N-Acetyl-a-D-glucosamine-1-phosphate disodium salt	36
	N-Acetyl-D-galactosamine-1-phosphate disodium salt	34
C <sub>8</sub> H <sub>14</sub> NO <sub>9</sub> SNa	N-Acetyl-D-glucosamine-3-O-sulphate sodium salt	36
	N-Acetyl-D-galactosamine-6-O-sulphate sodium salt	34
	N-Acetyl-D-galactosamine-4-O-sulphate sodium salt	34
C <sub>8</sub> H <sub>14</sub> NNaO <sub>9</sub> S	2-Acetamido-2-deoxy-D-glucopyranose 6-sulphate sodium salt	14
C <sub>8</sub> H <sub>14</sub> CaO <sub>10</sub>	Calcium L-threonate	134
C <sub>8</sub> H <sub>15</sub> NO <sub>2</sub>	(-)-Lentiginosine	347
C <sub>8</sub> H <sub>15</sub> NO <sub>3</sub>	Swainsonine	509
	Hyacinthacine A2	310
C <sub>8</sub> H <sub>15</sub> NO <sub>4</sub>	6-Epi-castanospermine	235

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C <sub>8</sub> H <sub>15</sub> NO <sub>4</sub>	3,7a-Diepialexine	211
	Castanospermine	138
C <sub>8</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub> S	Ethyl 6-azido-6-deoxy-a-D-thiomannopyranoside	242
C <sub>8</sub> H <sub>15</sub> FO <sub>5</sub>	2-Fluoroethyl a-L-fucopyranoside	260
C <sub>8</sub> H <sub>15</sub> IO <sub>5</sub>	2-Iodoethyl a-L-fucopyranoside	329
C <sub>8</sub> H <sub>15</sub> NO <sub>5</sub>	3,7,7a-Triepicasuarine	589
	3-Epicasuarine	235
	(+)-Casuarine	138
	N-Acetyl-D-quinovosamine	41
	3-Acetamido-3,6-dideoxy-D-galactose	18
	2-Acetamido-2,6-dideoxy-L-galactose	18
	2-Acetamido-2,6-dideoxy-D-galactose	18
C <sub>8</sub> H <sub>15</sub> NO <sub>5</sub> S	2-Acetamido-2-deoxy-5-thio-D-glucose	16
	2-Acetamido-2-deoxy-b-D-thioglucofuranose	16
	2-Acetamido-2-deoxy-a-D-thiogalactopyranose	16
C <sub>8</sub> H <sub>15</sub> ClO <sub>6</sub>	2-Chloroethyl-b-D-fructopyranoside	145
C <sub>8</sub> H <sub>15</sub> NO <sub>6</sub>	Ethyl 4-amino-b-D-glucuronide	242
	Ethyl 3-amino-b-D-glucuronide	242
	Ethyl 2-amino-b-D-glucuronide	242
13C <sub>6</sub> C <sub>2</sub> H <sub>15</sub> NO <sub>6</sub>	N-Acetyl-D-[UL-13C <sub>6</sub> ]glucosamine	43
C <sub>8</sub> H <sub>15</sub> NO <sub>6</sub>	N-Acetyl-D-mannosamine	37
	N-Acetyl-D-glucosamine - plant source	35
	N-Acetyl-D-glucosamine	35
	N-Acetyl-a-D-glucosamine	35
	N-Acetyl-D-galactosamine	33
	2-Acetamido-2-deoxy-D-talopyranose	16
	2-Acetamido-2-deoxy-L-mannopyranose	16
	3-Acetamido-3-deoxy-D-glucose	15
	3-Acetamido-3-deoxy-D-allose	11
C <sub>8</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub>	2-Azidoethyl b-D-fructopyranoside	94
C <sub>8</sub> H <sub>15</sub> NO <sub>6</sub> S	(2R,4R)-2-[L-Xylo-tetrahydroxybut-1-yl]-1,3-thiazolidine-4-carboxylic acid	605
	(2R,4R)-2-[D-Xylo-tetrahydroxybut-1-yl]-1,3-thiazolidine-4-carboxylic acid	604
	N-Thioglycolyl-D-galactosamine	557
	2-Deoxy-2-N-(2'-thioacetyl)-D-glucosamine	186
	2-(L-Arabino-tetrahydroxybutyl)-4(R)-1,3-thiazolidine-4-carboxylic acid	84
	2-(D-Arabino-tetrahydroxybutyl)-4(R)-1,3-thiazolidine-4-carboxylic acid	84
C <sub>8</sub> H <sub>15</sub> N <sub>3</sub> O <sub>7</sub>	Streptozocin	507
C <sub>8</sub> H <sub>15</sub> O <sub>10</sub> P	Methyl 3-deoxy-D-arabino-heptulopyranoside-7-phosphate	385
C <sub>8</sub> H <sub>16</sub> O <sub>4</sub>	Cladinose	148
C <sub>8</sub> H <sub>15</sub> NO <sub>4</sub> ·HCl	Australine hydrochloride	88
C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub>	2-Acetamido-1,2-dideoxynojirimycin	18
	2-Acetamido-1,2-dideoxy-galactonojirimycin	18
C <sub>8</sub> H <sub>16</sub> O <sub>5</sub>	(-)-D-Noviose	443
	Methyl 6-deoxy-2-O-methyl-a-D-galactopyranoside	387
C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>5</sub>	2-Acetamido-2-deoxy-b-D-glucopyranosyl amine	14
	2-Acetamido-2-deoxy-b-D-galactopyranosylamine	12
C <sub>8</sub> H <sub>16</sub> O <sub>5</sub> S	Ethyl a-D-thiomannopyranoside	253
	Ethyl b-D-thioglucofuranoside	252
	Ethyl a-D-thioglucofuranoside	252
	Ethyl b-D-thiogalactopyranoside	252
C <sub>8</sub> H <sub>16</sub> O <sub>5</sub> S <sub>2</sub>	D-Glucose ethylenedithioacetal	297
C <sub>8</sub> H <sub>16</sub> NO <sub>5</sub> S <sub>2</sub> ·Na	N-(Dithiocarboxy)-N-methyl-D-glucamine sodium salt	231
C <sub>8</sub> H <sub>16</sub> O <sub>6</sub>	Ethyl D-glucopyranoside	249
	Ethyl b-D-glucopyranoside	249
	Ethyl a-D-glucopyranoside	249
	Ethyl b-D-fructopyranoside	248
	Ethyl b-D-fructofuranoside	248
	Ethyl a-D-fructofuranoside	248
	2,3-Di-O-methyl-D-glucopyranose	228
C <sub>8</sub> H <sub>16</sub> O <sub>6</sub> S	2-Thioethyl-b-D-glucopyranoside	555
C <sub>8</sub> H <sub>16</sub> O <sub>7</sub>	6-O-Hydroxyethyl-D-glucose	315
	3-O-Hydroxyethyl-D-glucose	315
	2-O-Hydroxyethyl-D-glucose	315
C <sub>8</sub> H <sub>17</sub> NO <sub>3</sub>	3,4,6-Trideoxy-3-(dimethylamino-b-D-xylo-hexopyranose)	589
C <sub>8</sub> H <sub>17</sub> NO <sub>4</sub>	Mycaminose	433

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>8</sub> H <sub>17</sub> NO <sub>5</sub>	N-(b-Hydroxyethyl)-1-deoxynojirimycin	314	C <sub>9</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub>	3-Azido-3-deoxy-4-hydroxymethyl-1,2-O-isopropylidene-a-D-ribofuranose	91
	N,N-Dimethyl-D-glucosamine	228	C <sub>8</sub> H <sub>15</sub> NaO <sub>6</sub> S	Isopropyl b-D-thiogluconate sodium salt	341
	2-Amino-2-deoxy-3,6-di-O-methyl-D-glucose	57	C <sub>9</sub> H <sub>15</sub> NO <sub>7</sub>	4-Amino-2,6-anhydro-3,4-dideoxy-D-glycero-D-galacto-non-2-enoic acid	55
	2-Amino-2-deoxy-3,4-di-O-methyl-D-glucose	57	C <sub>9</sub> H <sub>16</sub> O <sub>4</sub>	Methyl 5-deoxy-2,3-O-isopropylidene-D-ribofuranoside	387
C <sub>8</sub> H <sub>17</sub> NO <sub>6</sub>	Lincosamine	348		Methyl 5-deoxy-2,3-O-isopropylidene-b-D-ribofuranoside	387
	N-Acetyl-D-glucosaminitol	36		Methyl 5-deoxy-2,3-O-isopropylidene-a-D-ribofuranoside	387
C <sub>8</sub> H <sub>17</sub> NO <sub>7</sub>	N-Glycyl-1-deoxy-D-glucitol	305	C <sub>9</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub>	Allosamizoline	46
C <sub>8</sub> H <sub>17</sub> NO <sub>8</sub>	3-Deoxy-D-manno-2-octulosonic acid ammonium salt	179	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> S	1,2-Dideoxy-2'-ethylamino-a-D-glucopyranoside [2,1-dj-2'-thiazoline	208
C <sub>8</sub> H <sub>17</sub> NO <sub>4</sub> ·HCl	N-Ethyldeoxynojirimycin HCl	246		1,2-Dideoxy-2'-dimethylamino-a-D-glucopyranoside [2,1-dj-2'-thiazoline	208
C <sub>8</sub> H <sub>9</sub> NO <sub>6</sub>	1-Deoxy-1-(hydroxyethylamino)-D-glucitol	176	C <sub>9</sub> H <sub>16</sub> O <sub>5</sub>	Methyl 3,5-O-isopropylidene-D-xylofuranose	405
C <sub>8</sub> H <sub>12</sub> O <sub>5</sub>	3,4-Di-O-acetyl-D-xytal	195		Methyl 2,3-O-isopropylidene-D-ribofuranoside	404
	3,4-Di-O-acetyl-L-arabinal	192		Methyl 2,3-O-isopropylidene-b-D-ribofuranoside	404
	3,4-Di-O-acetyl-D-arabinal	192		Methyl 3,4-O-isopropylidene-b-D-arabinopyranoside	403
	(3aR,3bS,6aR,7aR)-2,2-Dimethyltetrahydrofuro[2',3':4,5]furo[2,3-d][1,3]dioxol-5(3aH)-one	127		Methyl 3,4-isopropylidene-b-L-arabinopyranoside	403
C <sub>8</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub> S	Tiazofurin	558		1,2-O-Isopropylidene-3-deoxy-a-D-allofuranose (2S, 4S, 4'R) [4,4'-bi-1,3-dioxolane]-2-methanol-2,2'-dimethyl	121
C <sub>8</sub> H <sub>12</sub> O <sub>6</sub>	1,2-O-Isopropylidene-b-L-idofuranosylurono-6,3-lactone	336	C <sub>9</sub> H <sub>16</sub> ClNO <sub>5</sub>	Methyl 3-acetamido-2-chloro-2,3-dideoxy-a-D-altropyranoside	372
	1,2-O-Isopropylidene-a-D-glucofuranurono-6,3-lactone	335	C <sub>8</sub> H <sub>16</sub> O <sub>6</sub>	Methyl 3,4-O-isopropylidene-D-lyxonate	404
	5,6-O-Isopropylidene-L-ascorbic acid	333		2,3-O-Isopropylidene-a-L-sorbofuranose	339
C <sub>8</sub> H <sub>13</sub> F <sub>3</sub> O <sub>4</sub>	3-Deoxy-1,2-O-isopropylidene-3-trifluoromethyl-a-D-xylofuranose	179		1,2-Isopropylidene-D,L-myo-inositol	336
C <sub>8</sub> H <sub>13</sub> ClO <sub>5</sub>	1-Chloro-2-deoxy-3,5-di-O-acetyl-a-D-ribofuranose	142		1,2-O-Isopropylidene-D-glucofuranose	335
C <sub>8</sub> H <sub>13</sub> N <sub>3</sub> O <sub>6</sub>	1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxylic acid methyl ester	496		1,2-O-Isopropylidene-a-D-glucofuranose	335
C <sub>8</sub> H <sub>14</sub> F <sub>3</sub> NO <sub>4</sub>	Methyl N-trifluoroacetyl-daunosaminide	427		4,5-O-Isopropylidene-b-D-fructopyranose	335
C <sub>8</sub> H <sub>14</sub> O <sub>5</sub>	Methyl 3,4-O-isopropylidene-b-L-erythro-pentopyranosid-2-ulose	403		Allyl a-D-mannopyranoside	52
	2,3-O-Isopropylidene-2-C-methyl-D-ribo-1,4-lactone	337		Allyl b-D-glucopyranoside	51
	1,6-Anhydro-2,3-O-isopropylidene-b-D-mannopyranose	76		Allyl a-D-glucopyranoside	51
	1,6-Anhydro-3,4-O-isopropylidene-b-D-galactopyranose	76		Allyl b-D-galactopyranoside	51
C <sub>8</sub> H <sub>14</sub> F <sub>2</sub> O <sub>5</sub>	3-Deoxy-3,3-difluoro-1,2-O-Di-O-isopropylidene-a-D-glucofuranose	164	C <sub>8</sub> H <sub>16</sub> O <sub>7</sub>	Propyl b-D-glucuronide	482
C <sub>8</sub> H <sub>14</sub> ClNO <sub>5</sub>	Methyl 3,6-dideoxychloroacetamido-a-D-mannopyranoside	395		Methyl (methyl 3-deoxy-D-arabino-hept-2-ulopyranosid)onate	406
C <sub>8</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>	2-Acetyl-4-tetrahydroxybutyl imidazole	42		a-D-Galactopyranose 1,2-(methyl orthoacetate)	272
C <sub>8</sub> H <sub>14</sub> O <sub>6</sub>	Propargyl a-D-mannopyranoside	480	C <sub>9</sub> H <sub>16</sub> N <sub>2</sub> O <sub>7</sub>	2-Acetamido-2-deoxy-b-D-glucopyranosyl nitromethane	14
	Propargyl a-D-glucopyranoside	480		3-Deoxy-D-glycero-D-galacto-2-nonulosonic acid	176
	Propargyl b-D-galactopyranoside	480	C <sub>8</sub> H <sub>17</sub> NO <sub>4</sub>	Hyacinthacine B3	310
	Propargyl a-D-galactopyranoside	480	C <sub>8</sub> H <sub>17</sub> NO <sub>6</sub>	N-Propionyl-D-glucosamine	480
	(R)-Monoethyl 3-acetoxyglutarate	432		N-Propanolyl mannosamine	479
	2,3-O-Isopropylidene-1-O-methyl-D-ribo-5-acid	337		Methyl 2-acetamido-2-deoxy-b-D-glucopyranoside	372
	5,6-O-Isopropylidene-L-gulonic acid-1,4-lactone	336		Methyl 2-acetamido-2-deoxy-a-D-glucopyranoside	372
	2,3-O-Isopropylidene-L-gulonic acid-1,4-lactone	336		Methyl 2-acetamido-2-deoxy-b-D-galactopyranoside	372
	2,3-O-Isopropylidene-D-allono-1,4-lactone	332		Methyl 2-acetamido-2-deoxy-a-D-galactopyranoside	372
C <sub>8</sub> H <sub>14</sub> O <sub>7</sub>	Allyl D-glucuronate	51		2-Acetamido-2-deoxy-3-O-methyl-D-glucopyranose	16
C <sub>8</sub> H <sub>14</sub> O <sub>8</sub>	2,6-Anhydro-3-deoxy-D-glycero-D-galacto-non-2-enoic acid	72	C <sub>8</sub> H <sub>17</sub> NO <sub>6</sub> S	2-Imino-2-methoxyethyl-1-deoxy-1-thio-a-D-mannopyranoside	324
	3-O-Acetyl-4-O-methyl-D-glucuronic acid	38	C <sub>8</sub> H <sub>17</sub> NO <sub>8</sub>	a-D-Mannopyranosyl L-serine	357
C <sub>8</sub> H <sub>15</sub> NO <sub>3</sub>	1-Methyl-2,3-O-isopropylidene-1,4-dideoxy-1,4-imino-1-N-dehydro-D-ribitol	403		N-(1-Deoxy-D-fructos-1-yl)-L-serine	173
C <sub>8</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub>	6-Azido-1,6-dideoxy-3,4-O-isopropylidene-D-lyxo-2-hexulofuranose	93	C <sub>8</sub> H <sub>17</sub> NO <sub>8</sub> S	4,5-Desisopropylidene topiramate	188
C <sub>8</sub> H <sub>15</sub> FO <sub>5</sub>	1,2-O-Isopropylidene-3-deoxy-3-fluoro-a-D-glucofuranose	333		2,3-Desisopropylidene topiramate	188
	1,2-O-Isopropylidene-3-deoxy-3-fluoro-a-D-allofuranose	333	C <sub>8</sub> H <sub>17</sub> O <sub>10</sub> P	Methyl (methyl 3-deoxy-D-arabino-hept-2-ulopyranosid)onate-7-phosphate	406
	3-Deoxy-3-fluoro-1,2-O-isopropylidene-D-allofuranose	172	C <sub>8</sub> H <sub>18</sub> O <sub>4</sub>	tert-Butyl 2-deoxy-L-ribofuranoside	129
	6-Deoxy-6-fluoro-1,2-O-isopropylidene-a-D-glucofuranose	171	C <sub>8</sub> H <sub>18</sub> ClNO <sub>4</sub> S	Methyl 7-chloro-7-deoxy-1-thiolincosaminide	384
C <sub>8</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub>	6-Azido-6-deoxy-2,3-O-isopropylidene-a-L-sorbofuranose	92	C <sub>9</sub> H <sub>18</sub> O <sub>4</sub> S <sub>2</sub>	2-Deoxy-D-arabino-hexose propylene dithioacetal	163
	6-Azido-6-deoxy-1,2-O-isopropylidene-a-D-glucofuranose	92	C <sub>9</sub> H <sub>17</sub> NO <sub>5</sub> ·HCl	6-Amino-6-deoxy-1,2-O-isopropylidene-a-D-glucofuranose HCl	60
	5-Azido-5-deoxy-1,2-O-isopropylidene-b-D-fructose	92	C <sub>9</sub> H <sub>18</sub> O <sub>5</sub> S	Isopropyl-a-D-thiomannopyranoside	341
				Isopropyl-b-D-thioglucofuranoside	341

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>9</sub> H <sub>18</sub> O <sub>6</sub>	1,2,6-Tri-O-methyl-D-glucopyranoside	593	C <sub>10</sub> H <sub>18</sub> N <sub>4</sub> O <sub>6</sub>	2-Azidoethyl 2-acetamido-2-deoxy-b-D-glucopyranoside	94
	1,2,3-Tri-O-methyl-D-glucopyranoside	593	C <sub>10</sub> H <sub>18</sub> O <sub>8</sub>	Diethylgalactarate	212
	1,2,3-Tri-O-methyl-a-D-glucopyranose	593	C <sub>10</sub> H <sub>18</sub> O <sub>8</sub> S	1,2,0-Isopropylidene-6-O-methylsulfonyl-a-D-glucofuranose	338
	3,4,0-Isopropylidene-D-mannitol	337	C <sub>10</sub> H <sub>18</sub> NO <sub>4</sub>	5-Dimethylamino-5-deoxy-1,2,0-isopropylidene-a-D-xylofuranose	227
	1,2,0-Isopropylidene-D-mannitol	337		5-Deoxy-5-dimethylamino-1,2,0-isopropylidene-a-D-xylofuranose	166
C <sub>9</sub> H <sub>18</sub> O <sub>8</sub>	1,0-(2R)-Glycerol-b-D-galactopyranoside	303	C <sub>10</sub> H <sub>19</sub> NO <sub>5</sub> S	Ethyl 2-acetamido-2-deoxy-b-D-thioglucofuranoside	240
C <sub>9</sub> H <sub>18</sub> O <sub>8</sub> S <sub>2</sub>	(-)-2,3,0-Isopropylidene-L-threitol-1,4-dimethane sulfonate	339		Ethyl 2-acetamido-2-deoxy-b-D-thiogalactopyranoside	240
C <sub>9</sub> H <sub>18</sub> O <sub>9</sub> S <sub>2</sub>	Salacinal	499	C <sub>10</sub> H <sub>19</sub> NO <sub>6</sub>	Ethyl 2-acetamido-2-deoxy-b-D-glucopyranoside	240
C <sub>9</sub> H <sub>19</sub> NO <sub>5</sub>	N-Ethyl glucamine	249		2-Acetamido-2-deoxy-3,6-di-O-methyl-D-glucose	12
	2-Amino-2-deoxy-3,4,6-tri-O-methyl-D-glucose	62	C <sub>10</sub> H <sub>19</sub> NO <sub>6</sub> S	2-(L-Rhamno-tetrahydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid	494
C <sub>9</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub> ·HCl	2-Acetamido-2-deoxy-b-D-glucopyranosyl methylamine HCl	14		2-(L-Fuco-tetrahydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid	269
C <sub>9</sub> H <sub>19</sub> NO <sub>5</sub> S	Methyl 1-thiolicosaminide	417	C <sub>10</sub> H <sub>19</sub> NO <sub>7</sub> S	2-(D-Gluco-pentylhydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid	288
C <sub>9</sub> H <sub>19</sub> NO <sub>6</sub>	3-Aminopropyl b-D-galactopyranoside	67		2-(D-Galacto-pentylhydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid	272
C <sub>9</sub> H <sub>17</sub> NO <sub>7</sub> ·H <sub>2</sub> O	Muramic acid hydrate	433	C <sub>10</sub> H <sub>19</sub> NO <sub>8</sub>	Methyl b-neuraminic acid	407
C <sub>9</sub> H <sub>20</sub> O <sub>4</sub> S <sub>2</sub>	L-Arabinose diethylthioacetal	83		O-a-D-Mannopyranosyl L-threonine	357
	D-Arabinose diethylthioacetal	83	C <sub>10</sub> H <sub>19</sub> NO <sub>9</sub>	Isofogamine D-tartrate	331
C <sub>10</sub> H <sub>11</sub> NO <sub>5</sub>	4,5-Di-O-acetyl-2,6-anhydro-3-deoxy-D-erythrohex-2-enonitrile	191	C <sub>10</sub> H <sub>20</sub> FNO <sub>4</sub>	N-Butyl-1-deoxy-2-fluoronojirimycin	128
C <sub>10</sub> H <sub>11</sub> FN <sub>2</sub> O <sub>8</sub>	5-Fluorouracil N-b-D-glucuronide	261	C <sub>10</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub> ·xH <sub>2</sub> O	6-Acetamido-6-deoxycastanospermine	12
C <sub>10</sub> H <sub>13</sub> FO <sub>6</sub>	3,4-Di-O-acetyl-1,6-anhydro-2-deoxy-2-fluoro-b-D-glucopyranose	192	C <sub>10</sub> H <sub>20</sub> O <sub>8</sub>	2,3,4,6-Tetra-O-methyl-D-glucose	552
	3,4-Di-O-acetyl-1,6-anhydro-2-deoxy-2-iodo-b-D-glucopyranose	192		1,2,3,6-Tetra-O-methyl-D-glucopyranoside	552
C <sub>10</sub> H <sub>14</sub> O <sub>5</sub>	3,4-Di-O-acetyl-L-rhamnol	195		tert-Butyl b-D-glucopyranoside	133
	3,4-Di-O-acetyl-L-fucal	194		Butyl b-D-glucopyranoside	133
C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub> S	Methimazole thio-b-D-glucuronide	361		Butyl a-D-glucopyranoside	132
C <sub>10</sub> H <sub>14</sub> O <sub>7</sub>	2,5-Di-O-acetyl-3-C-methyl-D-lyxono-1,4-lactone	195		n-Butyl b-D-fructopyranoside	132
	2,3,0-Carbonyl-4,6,0-isopropylidene-a-D-mannopyranoside	136	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub>	N-(b-D-Glucopyranosyl)-N-[(2-methanesulfonyl)ethyl]urea	291
C <sub>10</sub> H <sub>15</sub> F <sub>3</sub> O <sub>5</sub>	3-Deoxy-1,2,0-O-isopropylidene-3-trifluoromethyl-a-D-glucofuranose	182		D-Xyonic acid calcium salt hydrate	603
C <sub>10</sub> H <sub>15</sub> NO <sub>8</sub>	N-(Succinyl)-O-b-D-galactopyranosylhydroxylamine	508	C <sub>10</sub> H <sub>21</sub> NO <sub>4</sub>	N-Butyldeoxynojirimycin	128
C <sub>10</sub> H <sub>16</sub> Cl <sub>3</sub> NO <sub>5</sub> S	Ethyl 2-deoxy-2-[(trichloroacetyl)amino]-b-D-thioglucofuranoside	246		N-Butyldeoxygalactonojirimycin	128
C <sub>10</sub> H <sub>16</sub> O <sub>6</sub>	Methyl 3,5-di-O-acetyl-2-deoxy-D-ribofuranoside	390	C <sub>10</sub> H <sub>21</sub> NO <sub>6</sub>	4-Aminobutyl b-D-galactopyranoside	56
	Methyl 3,5-di-O-acetyl-2-deoxy-b-D-ribofuranoside	390	C <sub>10</sub> H <sub>21</sub> NO <sub>7</sub>	Voglibose	602
	2,3,5,6-Di-O-isopropylidene-D-talose	224	C <sub>10</sub> H <sub>21</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>7</sub> P	Glufosfamide	302
	5-O-Acetyl-1,2,0-isopropylidene-a-D-xylofuranose	37	C <sub>8</sub> H <sub>17</sub> O <sub>7</sub> ·C <sub>4</sub> H <sub>10</sub> N <sub>3</sub> O <sub>2</sub>	Creatine Gluconate	152
C <sub>10</sub> H <sub>16</sub> O <sub>7</sub>	Methyl 3,4-di-O-acetyl-b-D-xylopyranoside	391	C <sub>10</sub> H <sub>21</sub> NO <sub>4</sub> ·HCl	N-Butyldeoxynojirimycin HCl	129
	Methyl 2,4-di-O-acetyl-b-D-xylopyranoside	391		N-Butyldeoxymannojirimycin HCl	128
	Methyl 2,3-di-O-acetyl-b-D-xylopyranoside	391	C <sub>10</sub> H <sub>22</sub> O <sub>4</sub> S <sub>2</sub>	L-Rhamnose diethyl mercaptal	493
	2,3-Dideoxy-2-methylene-D-glycero-D-galactononic acid γ-lactone	210	C <sub>10</sub> H <sub>22</sub> O <sub>5</sub> S <sub>2</sub>	D-Glucose diethyl mercaptal	297
	5-O-Carbomethoxy-1,2,0-isopropylidene-a-D-xylofuranose	136		D-Galactose diethylthioacetal	275
C <sub>10</sub> H <sub>16</sub> O <sub>10</sub>	3,6-Di-O-Carboxymethyl-D-glucose	205	C <sub>7</sub> H <sub>14</sub> O <sub>6</sub> ·C <sub>3</sub> H <sub>6</sub> O	Methyl b-D-mannopyranoside isopropylate	405
	2,6-Di-O-Carboxymethyl-D-glucose	205	C <sub>10</sub> H <sub>22</sub> O <sub>8</sub> S <sub>2</sub>	L-Rhamnose bis(ethylsulfone)	493
	2,3-Di-O-Carboxymethyl-D-glucose	205	C <sub>11</sub> H <sub>10</sub> O <sub>5</sub>	3,5,0-Benzylidene-L-lyxono-1,4-lactone	114
C <sub>10</sub> H <sub>17</sub> N <sub>5</sub> O <sub>5</sub>	6-Azido-2,4-diacetamido-2,4,6-trideoxy-D-mannopyranose	92		3,5,0-Benzylidene-D-lyxono-1,4-lactone	114
	6-Azido-2,4-diacetamido-2,4,6-trideoxy-D-mannopyranose	92	C <sub>11</sub> H <sub>10</sub> Cl <sub>3</sub> NO <sub>7</sub>	3,5,6-Trichloro-2-pyridinol b-D-glucuronide	588
C <sub>10</sub> H <sub>17</sub> NO <sub>6</sub>	Linamarin	348	C <sub>8</sub> H <sub>12</sub> ClN <sub>3</sub> O <sub>4</sub>	6-Chloro-7-deaza-9-(a-D-ribofuranosyl)purine	142
C <sub>10</sub> H <sub>17</sub> NO <sub>7</sub>	5-Amino-3-O-(D-xylopyranosyl)-D-threopentano-1,5-lactam	67	C <sub>11</sub> H <sub>13</sub> BrO <sub>8</sub>	4,6-Di-O-acetyl-2,3-O-carbonyl-a-D-mannopyranosyl bromide	193
	N-Acetyl-D-glucosamine 6-acetate	35		4-Amino-7-(2-deoxy-b-D-ribofuranosyl)-1,7-dihydro-2H-pyrrolo[2,3-d]pyrimidin-2-one	62
	2-Acetamido-3-O-acetyl-2-deoxy-D-glucopyranose	9	C <sub>11</sub> H <sub>14</sub> O <sub>7</sub>	Methyl 3,4-di-O-acetyl-D-glucuronol	390
C <sub>10</sub> H <sub>17</sub> NO <sub>7</sub> S	2-N-(S'-Acetyl-2'-thioacetyl)-2-deoxy-D-glucamine	42		3,4-Di-O-acetyl-D-glucuronol methyl ester	194
C <sub>10</sub> H <sub>18</sub> O <sub>5</sub>	Methyl 2,3,0-isopropylidene-a-L-rhamnopyranoside	404	C <sub>11</sub> H <sub>15</sub> NO <sub>3</sub>	2-Deoxy-L-ribose-anilide	184
	Methyl 6-deoxy-3,4,0-isopropylidene-a-D-galactopyranoside	386		2-Deoxy-D-ribose-anilide	184
C <sub>10</sub> H <sub>18</sub> O <sub>6</sub>	Methyl 4,6,0-isopropylidene-a-D-mannopyranoside	404	C <sub>11</sub> H <sub>15</sub> N <sub>4</sub> O <sub>4</sub> Cl	(1S)-1-(9-Deazahypoxanthin-9-yl)-1,4-dideoxy-1,4-imino-D-ribitol-hydrochloride	159
	Methyl 4,6,0-isopropylidene-a-D-glucopyranoside	404		4-Aminophenyl 1-thio-b-D-xylopyranoside	66
	Methyl 3,4,0-isopropylidene-a-D-galactopyranoside	403	C <sub>11</sub> H <sub>15</sub> F <sub>3</sub> O <sub>8</sub>	Methyl 2-deoxy-2-(trifluoromethyl)-a-D-arabinofuranoside-diacetate	389
			C <sub>11</sub> H <sub>15</sub> BrO <sub>7</sub>	2,3,4-Tri-O-acetyl-a-D-xylopyranosyl bromide - Stabilised with 2.5% CaCO <sub>3</sub>	574
				2,3,4-Tri-O-acetyl-D-arabinopyranosyl bromide - Stabilised with 2% CaCO <sub>3</sub>	563
			C <sub>11</sub> H <sub>15</sub> FO <sub>7</sub>	1,2,5-Tri-O-acetyl-3-deoxy-3-fluoro-D-ribofuranose	566



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C<sub>12</sub>H<sub>16</sub>O<sub>5</sub>S

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	2,3,5-Tri-O-acetyl-L-arabinofuranosyl fluoride	563
C <sub>11</sub> H <sub>15</sub> F <sub>3</sub> O <sub>7</sub>	Methyl 3,5-di-O-acetyl-2-C-(trifluoromethyl)-a-D-ribofuranoside	391
C <sub>11</sub> H <sub>15</sub> NO <sub>7</sub>	2,3,4-Tri-O-acetyl-D-ribonitrile	574
C <sub>11</sub> H <sub>15</sub> N <sub>3</sub> O <sub>7</sub>	2,3,4-Tri-O-acetyl-b-D-xylopyranosyl azide	574
	2,3,4-Tri-O-acetyl-b-D-ribofuranosyl azide	574
	2,3,4-Tri-O-acetyl-1-O-azido-1-deoxy-b-D-arabinopyranoside	563
	2,3,4-Tri-O-acetyl-b-D-arabinopyranosyl cyanide	563
C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>	5-Deoxy-L-ribose phenylhydrazone	185
	5-Deoxy-L-arabinose phenylhydrazone	164
C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub>	D-Arabinose phenylhydrazone	83
C <sub>11</sub> H <sub>16</sub> O <sub>5</sub>	D-Ribonolactone 2,3-cyclohexyl ketal	496
C <sub>11</sub> H <sub>16</sub> N <sub>4</sub> O <sub>5</sub>	2',3'-Isopropylidene ribavirin	338
C <sub>11</sub> H <sub>16</sub> O <sub>6</sub>	Methyl 4,6-di-O-acetyl-2,3-didehydro-2,3-dideoxy-a-D-galactopyranoside	390
C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>6</sub>	5-(2-Hydroxyethyl)-2'-deoxyuridine	315
C <sub>11</sub> H <sub>16</sub> O <sub>7</sub>	1,3,5-Tri-O-acetyl-2-deoxy-D-ribose	569
	1,2,3-Tri-O-Acetyl-5-deoxy-D-ribose	568
	1,3,4-Tri-O-acetyl-2-deoxy-D-ribofuranose	568
	1,3,5-Tri-O-acetyl-2-deoxy-b-D-ribofuranose	568
	1,3,5-Tri-O-acetyl-2-deoxy-a-D-ribofuranose	568
	1,2,5-Tri-O-acetyl-3-deoxy-D-ribofuranose	568
	1,2,3-Tri-O-acetyl-5-deoxy-b-D-ribofuranose	568
	Methyl 2,3-O-carbonyl-4,6-O-isopropylidene-a-D-mannopyranoside	384
	5-Deoxy-1,2,3-tri-O-acetyl-D-ribofuranoside	186
C <sub>11</sub> H <sub>16</sub> O <sub>8</sub>	2,3,4-Tri-O-acetyl-D-xylopyranose	574
C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> NaO <sub>8</sub>	N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid sodium salt	31
C <sub>11</sub> H <sub>17</sub> NO <sub>8</sub>	N-Acetyl-2,3-dehydro-2-deoxyneuraminic acid	30
	4-Acetamido-2,6-anhydro-3,4-dideoxy-D-glycero-D-galactonon-2-enonic acid	10
C <sub>11</sub> H <sub>18</sub> O <sub>5</sub>	1,2,3,5-Di-O-isopropylidene-a-L-xylofuranose	225
	1,2,3,5-Di-O-isopropylidene-a-D-xylofuranose	225
	2,3,4,5-Di-O-isopropylidene-D-arabinose	217
	1,2,3,4-Di-O-isopropylidene-L-arabinopyranose	217
	1,2,3,4-Di-O-isopropylidene-b-L-arabinopyranose	217
	1,2,3,4-Di-O-isopropylidene-b-D-arabinopyranose	216
	1,2,3,5-Di-O-isopropylidene-b-L-apiose	216
	1,2,3,5-Di-O-isopropylidene-a-D-apiose	216
	2,5,3,4-Dianhydro-6-O-2-propenyl-dimethyl acetal-L-talose	198
	2,3-O-Cyclohexylidene-b-D-ribofuranose	156
C <sub>11</sub> H <sub>18</sub> O <sub>6</sub>	4-O-Acetyl-2,5-anhydro-1,3-isopropylidene-D-glucitol	29
C <sub>11</sub> H <sub>18</sub> O <sub>7</sub>	3-O-Acetyl-1,2-O-isopropylidene-a-D-glucofuranose	37
	3-O-Acetyl-1,2-O-isopropylidene-a-D-galactofuranose	37
C <sub>11</sub> H <sub>18</sub> Br <sub>2</sub> O <sub>8</sub>	Pentaerythritol dibromide b-D-glucuronide	454
C <sub>11</sub> H <sub>18</sub> N <sub>4</sub> O <sub>8</sub>	N-Acetyl-9-azido-9-deoxy-neuraminic acid	29
C <sub>11</sub> H <sub>18</sub> FNO <sub>3</sub>	N-Acetyl-3-fluoro-neuraminic acid	33
C <sub>11</sub> H <sub>18</sub> FO <sub>4</sub>	Methyl 2,3-dideoxy-5-O-(2,2-dimethylpropanoyl)-3-fluoro-a-D-erythro-pentofuranoside	395
C <sub>11</sub> H <sub>19</sub> NO <sub>6</sub>	rac-Lotaustalin	350
	Lotaustalin	349
	Allyl 2-acetamido-2-deoxy-b-D-glucopyranoside	48
	Allyl 2-acetamido-2-deoxy-a-D-glucopyranoside	48
	2-Acetamido-2-deoxy-4,6-O-isopropylidene-D-glucopyranose	15
C <sub>11</sub> H <sub>19</sub> NO <sub>8</sub>	N-Acetylmuramic acid	38
C <sub>11</sub> H <sub>19</sub> NO <sub>9</sub>	N-Acetylneuraminic acid	39
	N-Acetyl-L-neuraminic acid	39
C <sub>11</sub> H <sub>19</sub> NO <sub>10</sub>	N-Glycolylneuraminic acid	305
C <sub>11</sub> H <sub>20</sub> O <sub>4</sub> S	Ethyl 2,3-O-isopropylidene-a-L-thiorhamnopyranoside	250
C <sub>11</sub> H <sub>20</sub> O <sub>5</sub>	Methyl 6-deoxy-3,4-O-isopropylidene-2-O-methyl-a-D-galactopyranoside	387
	2,3,4,5-Di-O-isopropylidene-D-xylitol	225

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C <sub>11</sub> H <sub>20</sub> O <sub>5</sub>	2,3,4,5-Di-O-isopropylidene-L-arabitol	217
	2,3,4,5-Di-O-isopropylidene-D-arabitol	217
C <sub>11</sub> H <sub>20</sub> O <sub>6</sub>	Pent-4-enyl-D-glucopyranoside	457
	3,4-O-Isopropylidene-1,2-di-O-methyl-a-D-galactopyranoside	334
C <sub>11</sub> H <sub>20</sub> N <sub>2</sub> O <sub>8</sub>	2-Acetamido-2-deoxy-D-glucopyranosyl serine	15
	2-Acetamido-2-deoxy-a-D-galactopyranosyl serine	13
C <sub>11</sub> H <sub>20</sub> NO <sub>12</sub> P	N-Acetylneuraminic acid 9-phosphate	40
C <sub>11</sub> H <sub>21</sub> NO <sub>6</sub>	N-Valeryl-D-glucosamine	600
	Propyl 2-acetamido-2-deoxy-b-D-glucopyranoside	482
	Isopropyl 2-acetamido-2-deoxy-α-D-glucopyranoside	331
	Isopropyl 2-acetamido-2-deoxy-b-D-glucopyranoside	331
	N-Boc-1,5-imino-D-glucitol	124
	N-Boc-1,5-imino-1,5-dideoxy-D-glucitol	124
	2-Acetamido-2-deoxy-3,4,6-tri-O-methyl-D-glucose	17
C <sub>11</sub> H <sub>21</sub> NO <sub>8</sub>	Methyl b-neuraminic acid methyl ester	407
C <sub>11</sub> H <sub>22</sub> O <sub>6</sub>	N-Amyl b-D-glucopyranoside	69
C <sub>11</sub> H <sub>22</sub> N <sub>2</sub> O <sub>6</sub>	2N-Boc-amino-2-deoxy-b-D-glucopyranosylamine	124
	2N-Boc-amino-2-deoxy-b-D-galactopyranosylamine	123
C <sub>11</sub> H <sub>23</sub> NO <sub>7</sub>	N-Valinyl-1-deoxy-D-glucitol	600
C <sub>8</sub> H <sub>11</sub> O <sub>7</sub> P <sub>2</sub> C <sub>6</sub> H <sub>13</sub> N	2-Deoxy-a-D-ribose-1-phosphate bis(cyclohexylammonium) salt	185
C <sub>9</sub> H <sub>11</sub> O <sub>8</sub> P <sub>2</sub> C <sub>6</sub> H <sub>13</sub> N	D-Ribose-1-phosphate bis(cyclohexylammonium) salt	497
C <sub>12</sub> H <sub>8</sub> D <sub>12</sub> O <sub>6</sub>	2,3,4,5-Di-O-isopropylidene-b-D-fructopyranose-D12	219
C <sub>12</sub> H <sub>13</sub> ClN <sub>4</sub> O <sub>7</sub>	2-Chloro-4-nitrophenyl 2-azido-2-deoxy-b-D-galactopyranoside	146
C <sub>12</sub> H <sub>13</sub> FN <sub>4</sub> O <sub>7</sub>	2-Fluoro-4-nitrophenyl 2-azido-2-deoxy-b-D-galactopyranoside	260
C <sub>12</sub> H <sub>13</sub> NO <sub>8</sub>	Nicotinic acid acyl-b-D-glucuronide	439
C <sub>12</sub> H <sub>14</sub> O <sub>4</sub>	Benzyl-2,3-anhydro-a-D-ribofuranoside	105
C <sub>12</sub> H <sub>14</sub> O <sub>5</sub>	2,4-O-Benzylidene-L-xylose	115
C <sub>12</sub> H <sub>14</sub> O <sub>7</sub>	Phenyl b-D-glucuronide	468
C <sub>12</sub> H <sub>14</sub> BrNO <sub>7</sub>	2,3,4-Tri-O-acetyl-1-cyano-a-D-xylopyranosyl bromide	565
C <sub>12</sub> H <sub>14</sub> FNO <sub>7</sub>	2,3,4-Tri-O-acetyl-1-deoxy-1-fluoro-b-D-arabinopyranosyl cyanide	566
C <sub>12</sub> H <sub>14</sub> N <sub>4</sub> O <sub>7</sub>	2,3,4-Tri-O-acetyl-1-azido-1-deoxy-b-D-arabinopyranosyl cyanide	564
C <sub>12</sub> H <sub>14</sub> NNaO <sub>8</sub>	4-Aminophenyl b-D-glucuronide	65
C <sub>12</sub> H <sub>14</sub> N <sub>4</sub> O <sub>8</sub>	2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-L-glucose	181
	2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-D-glucose	181
	2-Deoxy-2-[(7-nitro-2,1,3-benzoxadiazol-4-yl)amino]-b-D-glucopyranose	181
C <sub>12</sub> H <sub>15</sub> FO <sub>5</sub>	Phenyl 6-deoxy-6-fluoro-a-D-glucopyranoside	464
	Phenyl 4-deoxy-4-fluoro-a-D-glucopyranoside	464
	Phenyl 3-deoxy-3-fluoro-a-D-glucopyranoside	464
	Phenyl 2-deoxy-2-fluoro-a-D-glucopyranoside	464
C <sub>12</sub> H <sub>15</sub> NO <sub>5</sub>	3-(1-Deoxyribofuranosyl)benzamide	183
C <sub>12</sub> H <sub>15</sub> ClO <sub>6</sub>	4-Chlorophenyl b-D-glucopyranoside	146
C <sub>12</sub> H <sub>15</sub> NO <sub>7</sub>	2-Aminophenyl b-D-glucuronide	65
C <sub>12</sub> H <sub>16</sub> O <sub>4</sub>	3-O-Benzyl-2-deoxy-D-arabinopyranose	106
C <sub>12</sub> H <sub>16</sub> O <sub>4</sub> S	Phenyl a-L-thiorhamnopyranoside	472
	Phenyl b-L-thiofucopyranoside	471
C <sub>12</sub> H <sub>16</sub> O <sub>5</sub>	Benzyl b-D-xylopyranoside	120
	Benzyl a-D-xylopyranoside	120
	5-O-Benzyl-D-ribose	119
	1,3-O-Benzylidene-L-arabitol	112
	1,3-O-Benzylidene-D-arabitol	112
	Benzyl b-L-arabinopyranoside	105
	Benzyl b-D-arabinopyranoside	105
C <sub>12</sub> H <sub>16</sub> O <sub>5</sub> S	Phenyl a-D-thiomannopyranoside	472
	Phenyl b-D-thiogalactopyranoside	471
	Phenyl a-D-thiogalactopyranoside	471

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C <sub>12</sub> H <sub>16</sub> O <sub>6</sub>	Phenyl b-D-glucopyranoside	467	C <sub>12</sub> H <sub>18</sub> O <sub>8</sub>	Methyl 2,3,5-tri-O-acetyl-D-ribofuranoside	420
	Phenyl a-D-glucopyranoside	467	C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O <sub>8</sub>	N-(Succinyl)-2-acetamido-2-deoxy-b-D-glucopyranosylhydroxylamine	508
	Phenyl b-D-galactopyranoside	467	C <sub>12</sub> H <sub>18</sub> O <sub>9</sub>	Furaneol glucopyranoside	270
	Phenyl a-D-galactopyranoside	467	C <sub>12</sub> H <sub>18</sub> O <sub>11</sub>	2-O-b-D-Glucopyranosyl-L-ascorbic acid	289
C <sub>12</sub> H <sub>16</sub> Cl <sub>3</sub> NO <sub>6</sub>	2,3-Di-O-acetyl-4,6-dideoxy-a-D-glucopyranosyl trichloroacetimidate	194		2-O-a-D-Glucopyranosyl-L-ascorbic acid	289
C <sub>12</sub> H <sub>16</sub> O <sub>7</sub>	3,4,6-Tri-O-acetyl-L-glucal	571	C <sub>12</sub> H <sub>18</sub> O <sub>12</sub>	2,3,6-Tri-O-Carboxymethyl-D-glucose	587
	3,4,6-Tri-O-acetyl-D-glucal	571	C <sub>12</sub> H <sub>19</sub> ClO <sub>5</sub>	3-Chloro-3-deoxy-1,2,5,6-di-O-isopropylidene-a-D-glucufuranose	142
	3,4,6-Tri-O-acetyl-D-galactal - non-animal origin	570		3-Deoxy-3-fluoro-1,2,5,6-di-O-isopropylidene-a-D-glucufuranose	168
	3,4,6-Tri-O-acetyl-D-galactal	570	C <sub>12</sub> H <sub>19</sub> FO <sub>5</sub>	3-Deoxy-3-fluoro-1,2,5,6-di-O-isopropylidene-a-D-allofuranose	168
	2,3,4-Tri-O-acetyl-L-fucal	570		6-Deoxy-1,2,3,4-di-O-isopropylidene-6-iodo-a-D-galactopyranose	166
	Catechol a-D-glucopyranoside	138	C <sub>12</sub> H <sub>19</sub> IO <sub>5</sub>	3-Azido-3-deoxy-1,2,5,6-di-O-isopropylidene-a-D-glucufuranose	90
C <sub>12</sub> H <sub>16</sub> F <sub>2</sub> O <sub>7</sub>	3,4,6-Tri-O-acetyl-2-deoxy-2-fluoro-D-mannopyranosyl fluoride	566		6-Azido-6-deoxy-1,2,3,4-di-O-isopropylidene-a-D-galactopyranose	90
	3,4,6-Tri-O-acetyl-2-deoxy-2-fluoro-D-glucopyranosyl fluoride	566	C <sub>12</sub> H <sub>19</sub> NaO <sub>5</sub>	3-Azido-3-deoxy-1,2,5,6-di-O-isopropylidene-a-D-glucufuranose	90
C <sub>12</sub> H <sub>16</sub> NO <sub>7</sub> ·HCl	2-Aminophenyl b-D-glucuronide HCl	65		3-Azido-3-deoxy-1,2,5,6-di-O-isopropylidene-a-D-allofuranose	90
C <sub>12</sub> H <sub>16</sub> O <sub>8</sub>	2,3,4-Tri-O-acetyl-1,6-anhydro-b-D-glucopyranose	563	C <sub>12</sub> H <sub>19</sub> N <sub>3</sub> O <sub>6</sub> S	Ethyl 2,4-di-O-acetyl-6-azido-6-deoxy-a-D-thiomannopyranoside	246
	2,3,4-Tri-O-acetyl-1,6-anhydro-b-D-galactopyranose	563	C <sub>12</sub> H <sub>19</sub> NO <sub>7</sub>	6-Deoxy-1,2,3,4-di-O-isopropylidene-6-nitro-a-D-galactopyranose	166
	Pyrogallol a-D-glucopyranoside	485	C <sub>12</sub> H <sub>19</sub> NO <sub>8</sub>	N-Acetyl-2,3-dehydro-2-deoxynuraminic acid methyl ester	30
C <sub>12</sub> H <sub>16</sub> N <sub>4</sub> O <sub>8</sub>	C-(2,3,4-Tri-O-acetyl-1-azido-1-deoxy-b-D-galactopyranosyl)formamide	564		2-Acetamido-1,3-di-O-acetyl-2-deoxy-D-glucopyranose	17
C <sub>12</sub> H <sub>16</sub> O <sub>9</sub>	1,2,3-Tri-O-acetyl-b-D-ribofuranuronic acid methyl ester	573	C <sub>12</sub> H <sub>19</sub> ClO <sub>8</sub> S	Topiramate impurity C	560
	Tri-O-acetyl-4-pentulosonic acid methyl ester	573	C <sub>12</sub> H <sub>19</sub> N <sub>3</sub> O <sub>8</sub> S	2,3,4,5-Di-O-isopropylidene-b-D-fructopyranose azide sulphate	219
	Methyl 4,6-di-O-acetyl-2,3-carbonyl-b-D-mannopyranoside	390	C <sub>12</sub> H <sub>19</sub> NaO <sub>13</sub> S	Neocarrabiose-4-O-sulfate sodium salt	437
C <sub>12</sub> H <sub>17</sub> NO <sub>4</sub>	2-Deoxy-N-phenylglucosylamine	183	C <sub>12</sub> H <sub>20</sub> O <sub>5</sub>	1,2,3,4-Di-O-isopropylidene-a-D-fucopyranose	219
C <sub>12</sub> H <sub>17</sub> NO <sub>5</sub>	(2R,3R,4R,5R)-2-(3-hydroxy-4-methoxyphenyl)-5-(hydroxymethyl)pyrrolidine-3,4-diol	316		3-Deoxy-1,2,5,6-di-O-isopropylidene-a-D-xylohexofuranose	166
	4-Aminophenyl b-L-fucopyranoside	65		3-Deoxy-1,2,5,6-di-O-isopropylidene-a-L-gulofuranose	165
C <sub>12</sub> H <sub>17</sub> NO <sub>5</sub> S	4-Aminophenyl b-D-thiomannopyranoside	66		3-Deoxy-1,2,5,6-di-O-isopropylidene-a-D-gulofuranose	165
	4-Aminophenyl b-D-thioglucofuranoside	66		3-Deoxy-1,2,5,6-di-O-isopropylidene-a-D-galactopyranose	165
C <sub>12</sub> H <sub>17</sub> NO <sub>6</sub>	4-Aminophenyl a-D-mannopyranoside	65	C <sub>12</sub> H <sub>20</sub> O <sub>5</sub> S	1,2,3,4-Di-O-isopropylidene-6-thio-a-D-galactopyranose	51
	4-Aminophenyl b-D-glucopyranoside	65		1,2,3,4-Di-O-isopropylidene-6-thio-a-D-galactopyranose	224
	4-Aminophenyl b-D-galactopyranoside	65	C <sub>12</sub> H <sub>20</sub> O <sub>6</sub>	Topiramate impurity D	560
C <sub>12</sub> H <sub>17</sub> NaO <sub>6</sub>	Fucose 2-nitrophenylhydrazone	268		D-myo-Inositol-2,3-O-cyclohexylidene	325
C <sub>12</sub> H <sub>17</sub> BrO <sub>7</sub>	2,3,4-Tri-O-acetyl-a-L-fucopyranosyl bromide	570		2,3,4,6-Di-O-isopropylidene-a-L-sorbofuranose	224
C <sub>12</sub> H <sub>17</sub> FO <sub>7</sub>	1,3,4-Tri-O-acetyl-2-deoxy-2-fluoro-L-fucose	566		1,2,4,6-Di-O-isopropylidene-L-sorbofuranose	223
	1,3,4-Tri-O-acetyl-2-deoxy-2-fluoro-a-L-fucopyranose	566		1,2,4,6-Di-O-isopropylidene-a-L-sorbofuranose	223
	2,3,4-Tri-O-acetyl-a-L-rhamnopyranosyl azide	573		2,3,5,6-Di-O-isopropylidene-a-D-mannofuranose	222
	2,3,4-Tri-O-acetyl-b-L-fucopyranosyl azide	570		1,2,4,5-Di-O-isopropylidene-D,L-myo-inositol	221
C <sub>12</sub> H <sub>17</sub> NaO <sub>7</sub>	2,3,4,6-Di-O-isopropylidene-2-keto-L-gulonic acid sodium salt	222		1,2,5,6-Di-O-isopropylidene-a-L-gulofuranose	221
C <sub>12</sub> H <sub>17</sub> N <sub>3</sub> O <sub>8</sub>	3,4,6-Tri-O-acetyl-2-azido-2-deoxy-D-galactose	564		1,2,5,6-Di-O-isopropylidene-a-D-gulofuranose	220
C <sub>12</sub> H <sub>17</sub> NO <sub>9</sub>	C-(2,3,4-Tri-O-acetyl-1-hydroxy-b-D-galactopyranosyl)formamide	572		1,2,5,6-Di-O-isopropylidene-a-D-glucufuranose	220
C <sub>12</sub> H <sub>17</sub> N <sub>3</sub> O <sub>9</sub>	Metronidazole b-D-glucuronide	430		1,2,3,4-Di-O-isopropylidene-a-L-galactopyranose	219
C <sub>12</sub> H <sub>17</sub> NO <sub>12</sub>	Isosorbide 5-mononitrate 2-b-D-glucuronide	342		1,2,3,4-Di-O-isopropylidene-a-D-galactopyranose	219
C <sub>12</sub> H <sub>18</sub> F <sub>2</sub> O <sub>5</sub>	3-Deoxy-3,3-difluoro-1,2,5,6-di-O-isopropylidene-a-D-glucufuranose	164		1,2,5,6-Di-O-isopropylidene-b-D-fructopyranose	218
C <sub>12</sub> H <sub>17</sub> NO <sub>5</sub> ·HCl	4-Aminophenyl b-D-thiomannopyranoside HCl	66		1,2,4,5-Di-O-isopropylidene-b-D-fructopyranose	218
C <sub>12</sub> H <sub>18</sub> O <sub>6</sub>	2,3,5,6-Di-O-isopropylidene-D-talonic acid-1,4-lactone	224		1,2,5,6-Di-O-isopropylidene-L-chiro-inositol	217
	1,2,5,6-Di-O-isopropylidene-a-D-ribohexofuranose-3-ulose	223		1,2,5,6-Di-O-isopropylidene-D-chiro-inositol	217
	2,3,5,6-Di-O-isopropylidene-D-mannonic acid-1,4-lactone	222		1,2,5,6-Di-O-isopropylidene-a-D-allofuranose	216
	2,3,5,6-Di-O-isopropylidene-L-gulono-1,4-lactone	221		1,2-O-Cyclohexylidene-myo-inositol	155
	1,2,4,5-Di-O-isopropylidene-b-L-erythro-2,3-hexodiulo-2,6-pyranose	218		1,2-O-Cyclohexylidene-a-D-glucufuranose	155
	1,2,4,5-Di-O-isopropylidene-b-D-erythro-2,3-hexodiulo-2,6-pyranose	218		3-O-Allyl-1,2-O-isopropylidene-a-D-galactofuranose	51
C <sub>12</sub> H <sub>17</sub> NO <sub>6</sub> ·HCl	4-Aminophenyl b-D-mannopyranoside HCl	65			
C <sub>12</sub> H <sub>18</sub> O <sub>7</sub>	1,2,3,4-Di-O-isopropylidene-a-D-galacturonide	220			
	1,5-Di-O-acetyl-2,3-O-isopropylidene-D-ribofuranose	194			
	6-O-Acetyl-1,2,3,5-di-O-methylidene-a-D-glucufuranose	33			
C <sub>12</sub> H <sub>18</sub> O <sub>8</sub>	3,4,6-Tri-O-acetyl-2-deoxy-D-glucopyranose	567			
	3,4,6-Tri-O-acetyl-2-deoxy-D-galactopyranose	566			

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Formula	Product Name	Page	Formula	Product Name	Page
C <sub>12</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub>	1,2,3,4-Di-O-isopropylidene-a-D-galacturonic acid hydrazide	220	C <sub>12</sub> H <sub>25</sub> N <sub>3</sub> O <sub>4</sub> Si	3-Azido-2,3-dideoxy-1-O-(tert-butylidimethylsilyl)-b-D-arabino-hexopyranose	93
C <sub>12</sub> H <sub>20</sub> N <sub>2</sub> O <sub>7</sub>	2,6-Deoxyfructosazine	172	C <sub>12</sub> H <sub>25</sub> N <sub>3</sub> O <sub>5</sub> Si	1-O-tert-Butylidimethylsilyl-2-azido-2-deoxy-b-D-glucopyranoside	129
	2,5-Deoxyfructosazine	172	C <sub>6</sub> H <sub>11</sub> O <sub>8</sub> P·2C <sub>6</sub> H <sub>14</sub> N	b-L-Fucose-1-phosphate	269
	5-(Acetylamino)-4-amino-2,6-anhydro-3,4,5-trideoxy-7-O-methyl-D-glycero-D-galacto-non-2-enoic acid	27	C <sub>6</sub> H <sub>13</sub> O <sub>8</sub> P·2C <sub>6</sub> H <sub>13</sub> N	bis(cyclohexylammonium) salt	269
C <sub>12</sub> H <sub>20</sub> O <sub>8</sub>	2-Methacryloyloxyethyl D-glucopyranoside - 25-50% in aqueous solution containing 200 ppm MEHQ inhibitor	361	C <sub>6</sub> H <sub>14</sub> O <sub>12</sub> P <sub>2</sub> ·4C <sub>6</sub> H <sub>13</sub> N	a-L-Fucose-1-phosphate	269
C <sub>12</sub> H <sub>16</sub> O <sub>7</sub> ·H <sub>2</sub> O	2,3,4,6-Di-O-isopropylidene-2-keto-L-gulonic acid monohydrate	222	C <sub>6</sub> H <sub>14</sub> O <sub>12</sub> P <sub>2</sub> ·4C <sub>6</sub> H <sub>13</sub> N·H <sub>2</sub> O	bis(cyclohexylammonium) salt	266
C <sub>12</sub> H <sub>20</sub> N <sub>2</sub> O <sub>8</sub>	Fructosazine	265	C <sub>13</sub> H <sub>14</sub> O <sub>4</sub>	a-D-Glucose-1,6-diphosphate	297
C <sub>12</sub> H <sub>20</sub> O <sub>10</sub>	Neocarribose (b anomer, crystalline)	437		tetra(cyclohexylammonium) salt hydrate	196
C <sub>12</sub> H <sub>20</sub> O <sub>12</sub>	Cellobiuronic acid	139		1,6,2,3-Dianhydro-4-O-benzyl-b-D-mannopyranose	196
C <sub>12</sub> H <sub>21</sub> N <sub>5</sub>	5-Deoxy-1,2-O-isopropylidene-5-(morpholin-1-yl)-a-D-xylofuranose	177		1,5,2,3-Dianhydro-4,6-O-benzylidene-D-mannitol	196
	3-Amino-3-deoxy-1,2,5,6-di-O-isopropylidene-a-D-glucofuranose	57	C <sub>13</sub> H <sub>14</sub> CIF <sub>4</sub>	1,5,2,3-Dianhydro-4,6-O-benzylidene-D-allitol	113
C <sub>12</sub> H <sub>21</sub> NO <sub>8</sub>	N-Acetylmuramic acid methyl ester	38		Methyl-5-O-benzoyl-2-chloro-2,3-dideoxy-3-fluoro-D-ribofuranoside	378
C <sub>12</sub> H <sub>21</sub> N <sub>3</sub> O <sub>8</sub>	2-Acetamido-2-deoxy-b-D-glucopyranosyl L-asparagine	14	C <sub>13</sub> H <sub>14</sub> O <sub>6</sub> S	1,6,3,4-Dianhydro-2-O-p-toluenesulfonyl-b-D-galactopyranose	199
C <sub>12</sub> H <sub>21</sub> NO <sub>6</sub> S	2,3,4,5-Di-O-isopropylidene-b-D-fructopyranose sulfamate	219	C <sub>13</sub> H <sub>14</sub> O <sub>8</sub>	Benzoic acid-acyl-b-D-glucuronide	96
C <sub>12</sub> H <sub>21</sub> NO <sub>9</sub>	2-O-Methyl-b-D-N-acetylneuraminic acid	374	C <sub>13</sub> H <sub>14</sub> O <sub>9</sub>	Salicylic acid-D-glucuronide	500
	2-O-Methyl-a-D-N-acetylneuraminic acid	374		Salicylic acid-acyl-b-D-glucuronide	499
	N-Acetylneuraminic acid methyl ester	39	C <sub>13</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub>	1,6-Anhydro-2-azido-4-O-benzyl-2-deoxy-b-D-glucopyranose	69
C <sub>12</sub> H <sub>21</sub> NO <sub>9</sub> S	S-Hydroxy topiramate	322		4-Isothiocyantophenyl-a-D-mannopyranoside	343
	R-Hydroxy topiramate	322		4-Isothiocyantophenyl-b-D-glucopyranoside	343
C <sub>12</sub> H <sub>21</sub> NO <sub>10</sub>	2-O-Methyl-a-D-N-glycolylneuraminic acid	402		4-Isothiocyantophenyl-a-D-glucopyranoside	343
	N-(Hydroxyacetyl)-2-O-methyl-a-neuraminic acid	310		a-D-Galactopyranosyl phenylisothiocyanate	274
C <sub>12</sub> H <sub>21</sub> N <sub>3</sub> O <sub>10</sub>	b-Maltosyl azide	353	C <sub>13</sub> H <sub>16</sub> O <sub>3</sub>	4-O-Benzyl-L-rhamnal	119
	b-Cellobiosyl azide	139	C <sub>13</sub> H <sub>16</sub> O <sub>4</sub>	6-O-Benzyl-D-glucal	111
C <sub>12</sub> H <sub>21</sub> O <sub>12</sub> ·½Ca	Calcium lactobionate	134		4-O-Benzyl-D-glucal	111
C <sub>12</sub> H <sub>21</sub> O <sub>14</sub> PK <sub>2</sub>	a-D-(+)-Maltose 1-phosphate dipotassium salt	353		4-O-Benzyl-D-galactal	110
C <sub>12</sub> H <sub>22</sub> O <sub>4</sub> S <sub>2</sub>	2-Deoxy-3,4-O-isopropylidene-D-arabino-hexose propylene dithioacetal	177		1,5-Anhydro-4,6-O-benzylidene-3-deoxy-D-glucitol	70
C <sub>12</sub> H <sub>22</sub> O <sub>6</sub>	(Z)-3-Hexen-1-yl b-D-glucopyranoside	309	C <sub>13</sub> H <sub>16</sub> O <sub>5</sub>	1,6-Anhydro-3-O-benzyl-b-L-idopyranose	71
	1,2,5,6-Di-O-isopropylidene-D-mannitol	222		1,5-Anhydro-4,6-O-benzylidene-D-glucitol	70
	1,2,4,5-Di-O-isopropylidene-D-mannitol	222	C <sub>13</sub> H <sub>16</sub> O <sub>6</sub>	4,6-O-Benzylidene-D-mannose	114
	3,4,5,6-Di-O-isopropylidene-D-glucitol	220		4,6-O-Benzylidene-D-glucose	114
C <sub>12</sub> H <sub>20</sub> O <sub>7</sub> ·H <sub>2</sub> O	1,2,5,6-Di-O-isopropylidene-a-D-ribohexofuranose-3-ulose monohydrate	223		4,6-O-Benzylidene-D-glucopyranose	114
C <sub>12</sub> H <sub>22</sub> N <sub>4</sub> O <sub>8</sub>	Zanamivir hydrate	605		4,6-O-Benzylidene-D-galactose	113
C <sub>12</sub> H <sub>22</sub> O <sub>10</sub>	6-Deoxy-D-lactose	179	C <sub>13</sub> H <sub>16</sub> O <sub>7</sub>	4-Formylphenyl b-D-glucopyranoside	264
C <sub>12</sub> H <sub>22</sub> O <sub>10</sub> S	Thiosophorose	557		2-Formylphenyl b-D-glucopyranoside	264
C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	b,b-Trehalose	562		4-Formylphenyl b-D-allopyranoside	263
	Polysucrose	478		Benzyl D-glucuronate	112
	Mannosucrose	359		Benzyl b-D-glucopyranosiduronic acid	111
C <sub>12</sub> H <sub>22</sub> O <sub>11</sub> Fe	Iron sucrose	330	C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> O <sub>7</sub>	O-(D-Glucopyranosylidene)amino N-phenylcarbamate	291
C <sub>12</sub> H <sub>22</sub> O <sub>14</sub> Zn	D-Gluconic acid zinc (II) salt	288	C <sub>13</sub> H <sub>16</sub> N <sub>4</sub> O <sub>7</sub>	6-(4-Azido-2-hydroxybenzamido)-6-deoxy-D-glucopyranose	95
C <sub>12</sub> H <sub>23</sub> NO <sub>6</sub>	N-Hexanoyl-D-glucosamine	309	C <sub>13</sub> H <sub>16</sub> O <sub>7</sub> S	1,6-Anhydro-2-O-p-toluenesulfonyl-b-D-glucopyranose	78
	5-Deoxy-5-[di-(2-hydroxyethyl)-amino]-1,2-O-isopropylidene-a-D-xylofuranose	165		1,6-Anhydro-4-O-p-toluenesulfonyl-b-D-glucopyranose	78
	N-(5-Carboxypentyl)-deoxynojirimycin	137	C <sub>13</sub> H <sub>16</sub> Cl <sub>3</sub> NO <sub>8</sub>	2,3,4-Tri-O-acetyl-a-D-xylopyranosyl trichloroacetimidate	574
	N-5-Carboxypentyl-1-deoxygalactonojirimycin	137	C <sub>13</sub> H <sub>16</sub> O <sub>10</sub>	1,4,6-Tri-O-acetyl-2,3-O-carbonyl-a-D-mannopyranose	565
	tert-Butyl 2-acetamido-2-deoxy-b-D-glucopyranoside	127		1-O-Galloyl-b-D-glucose	279
	Butyl 2-acetamido-2-deoxy-b-D-glucopyranoside	127	C <sub>13</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>	Benzyl 2-azido-2-deoxy-a-D-galactopyranoside	105
	Anthrose	79	C <sub>13</sub> H <sub>17</sub> NO <sub>6</sub>	4-Benzyl-4-deoxy-4-C-nitromethyl-b-D-arabinopyranoside	107
C <sub>12</sub> H <sub>23</sub> NO <sub>9</sub>	2-O-a-D-Galactopyranosyl-1-deoxynojirimycin	273		(4R)-Benzyl-4-deoxy-4-C-nitromethyl-b-D-arabinopyranoside	107
C <sub>12</sub> H <sub>24</sub> O <sub>4</sub> Si	3-O-tert-Butylidimethylsilyl-D-galactal	130		N-Benzoyl-b-D-glucosamine	98
C <sub>12</sub> H <sub>24</sub> N <sub>2</sub> O <sub>5</sub>	N-(e-Aminocaproyl)-b-L-fucopyranosyl amine	56		2-Benzamido-2-deoxy-D-glucopyranose	96
C <sub>12</sub> H <sub>23</sub> NO <sub>6</sub> ·HCl	N-(5-Carboxypentyl)-deoxymannojirimycin hydrochloride	137	C <sub>13</sub> H <sub>17</sub> NO <sub>7</sub>	4,5,7-Tri-O-acetyl-2,6-anhydro-3-deoxy-D-lyxosept-2-enonitrile	562
C <sub>12</sub> H <sub>24</sub> N <sub>2</sub> O <sub>6</sub>	N-(e-Aminocaproyl)-b-D-galactopyranosyl amine	56		4-Benzyl 4-C-nitromethyl-b-D-arabinopyranoside	118
	N-(e-Aminocaproyl)-a-D-galactopyranosyl amine	56	C <sub>13</sub> H <sub>17</sub> NO <sub>7</sub> S	4-Nitrobenzyl b-D-thiogalactopyranoside	440
C <sub>12</sub> H <sub>24</sub> N <sub>2</sub> O <sub>7</sub>	Fructosyl-lysine	267	C <sub>13</sub> H <sub>17</sub> NO <sub>8</sub>	3,4,6-Tri-O-acetyl-2-deoxy-D-glucopyranosyl isocyanate	567
C <sub>12</sub> H <sub>24</sub> O <sub>8</sub> S	a-D-Galactopyranoside, 2-[2-(2-mercaptoethoxy)ethoxy]ethyl	273			
C <sub>12</sub> H <sub>24</sub> CaO <sub>12</sub>	3-Deoxy-D-arabino-hexonic acid calcium salt	163			
C <sub>12</sub> H <sub>22</sub> CaO <sub>14</sub> ·H <sub>2</sub> O	D-Gluconic acid calcium salt monohydrate	287			
C <sub>12</sub> H <sub>25</sub> N <sub>3</sub> O <sub>5</sub> Si	3-Azido-1-O-t-butylidimethylsilyl-2,3,6-trideoxy-b-L-arabino-hexopyranose	90			

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>13</sub> H <sub>17</sub> NO <sub>8</sub>	4,5,7-Tri-O-acetyl-2,6-anhydro-3-deoxy-D-lyxo-hept-2-enonamide	562	C <sub>13</sub> H <sub>20</sub> O <sub>7</sub>	2C-Hydroxymethyl-2,3,5,6-di-O-isopropylidene-D-mannono-1,4-lactone	316
	2,3,4,5-Tetra-O-acetyl-D-xyloxonitrile	539		2C-Hydroxymethyl-2,3,5,6-di-O-isopropylidene-L-gulono-1,4-lactone	316
	2,3,4,5-Tetra-O-acetyl-D-ribonitrile	537		3,5,6,7-Di-O-isopropylidene-D-glycero-D-gulo-heptonic acid-γ-lactone	221
	N-D-Glucopyranosyl-5-aminosalicylic acid	289		1,2,3,4-Di-O-isopropylidene-a-D-galacturonide methyl ester	220
	Deferiprone 3-O-b-D-glucuronide	160	C <sub>13</sub> H <sub>20</sub> O <sub>7</sub> S	Methyl 2,3,4-tri-O-acetyl-b-L-thiofucopyranoside	420
C <sub>13</sub> H <sub>17</sub> BrO <sub>9</sub>	1-Bromo-2,3,4-tri-O-acetyl-a-D-glucuronide methyl ester - 1% CaCO <sub>3</sub>	126	C <sub>13</sub> H <sub>20</sub> O <sub>9</sub>	Methyl 2,3,6-tri-O-acetyl-a-D-glucopyranoside	419
	1-Bromo-2,3,4-tri-O-acetyl-a-D-glucuronide methyl ester	126		Methyl 2,3,4-tri-O-acetyl-a-D-glucopyranoside	419
C <sub>13</sub> H <sub>17</sub> N <sub>3</sub> O <sub>9</sub>	Methyl 2,3,4-tri-O-acetyl-b-D-glucopyranuronosyl azide	420	C <sub>13</sub> H <sub>21</sub> NO <sub>10</sub>	5-N-Acetyl-9-O-acetyl neuraminic acid	27
	Methyl 2,3,4-tri-O-acetyl-b-D-galactopyranuronosyl azide	419		4-O-Acetyl-N-acetyl-neuraminic acid	27
	2-Azido-1,3,4-tri-O-acetyl-2-deoxy-D-galacturonide methyl ester	95	C <sub>13</sub> H <sub>22</sub> O <sub>6</sub>	Pinitol diacetone	477
C <sub>13</sub> H <sub>18</sub> O <sub>4</sub>	Methyl 3-O-benzyl-2-deoxy-D-arabinopyranoside	379		Methyl 2,3,4,6-di-O-isopropylidene-D-mannopyranoside	397
C <sub>13</sub> H <sub>18</sub> O <sub>5</sub> S	4-Methylphenyl-a-D-thiomannopyranoside	412		1,2,5,6-Di-O-isopropylidene-3-O-methyl-a-D-glucofuranose	223
	4-Methylphenyl-b-D-thiogalactopyranoside	411		1,2-O-Cydohexylidene-3-O-methyl-a-D-glucofuranose	155
	4-Methylphenyl-b-D-thiogalactopyranoside	411	C <sub>13</sub> H <sub>22</sub> N <sub>4</sub> O <sub>6</sub>	2-Azidoethyl 2-acetamido-2-deoxy-4,6-O-isopropylidene-b-D-glucopyranoside	94
C <sub>13</sub> H <sub>18</sub> O <sub>6</sub>	4-Methylphenyl-b-D-galactopyranoside	411		Methyl 3,4,5,6-di-O-isopropylidene-D-gluconate	396
	6-O-Benzyl-D-mannose	117	C <sub>13</sub> H <sub>22</sub> N <sub>4</sub> O <sub>7</sub>	Laninamivir	347
	4-O-Benzyl-D-mannose	117	C <sub>13</sub> H <sub>22</sub> N <sub>2</sub> O <sub>8</sub>	Pseudaminic acid	483
	3-O-Benzyl-D-mannose	117	C <sub>13</sub> H <sub>22</sub> O <sub>8</sub> S	1,2,5,6-Di-O-isopropylidene-3-O-methanesulfonyl-a-D-glucofuranose	223
	Benzyl a-D-mannopyranoside	117		a-D-Glucoheptonic acid magnesium salt	286
	3-O-Benzyl-a-D-mannopyranose	117	C <sub>13</sub> H <sub>23</sub> NO <sub>6</sub> S	Topiramate N-methyl impurity	561
	2,4-O-Benzylidene-D-glucitol	113	C <sub>13</sub> H <sub>23</sub> N <sub>3</sub> O <sub>5</sub> S	N-(2-Deoxy-D-glucopyranosyl)-S-nitroso-N-acetyl-D,L-penicillamine	174
	6-O-Benzyl-D-glucose	112		2-O-Methyl-b-D-N-acetylneuraminic acid methyl ester	374
	2-O-Benzyl-D-glucose	112	C <sub>13</sub> H <sub>24</sub> F <sub>3</sub> NO <sub>5</sub>	N-(7-Oxa-9,9,9-trifluorononyl)deoxyojirimycin	447
	Benzyl D-glucopyranoside	111	C <sub>13</sub> H <sub>24</sub> O <sub>5</sub> Si	5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-L-lyxono-1,4-lactone	131
	Benzyl b-D-glucopyranoside	111		1,2,3,5-Di-O-isopropylidene-D-glycero-L-gulo-heptitol	221
	Benzyl a-D-glucopyranoside	111	C <sub>13</sub> H <sub>25</sub> NO <sub>6</sub>	tert-Amyl 2-acetamido-2-deoxy-b-D-glucopyranoside	68
	3-O-Benzyl-D-glucopyranose	111		Amyl 2-acetamido-2-deoxy-b-D-glucopyranoside	68
C <sub>13</sub> H <sub>18</sub> O <sub>7</sub>	D-Salicin	499	C <sub>13</sub> H <sub>26</sub> O <sub>8</sub>	2-Ethylhexyl-D-xylopyranoside	249
	4-Methoxyphenyl a-D-mannopyranoside	369	C <sub>13</sub> H <sub>26</sub> O <sub>5</sub> Si	Ethyl (S)-3-(tert-butyl)dimethylsilyloxy)glutarate	245
	4-Methoxyphenyl b-D-glucopyranoside	368	C <sub>7</sub> H <sub>15</sub> O <sub>10</sub> P·C <sub>6</sub> H <sub>13</sub> N	(D-Glycero-a-D-manno-heptopyranosyl)-dihydrogenphosphate cyclohexylammonium salt	303
	4-Methoxyphenyl b-D-galactopyranoside	368		N-Formyl varenicline	264
	Gastrodin	280	C <sub>14</sub> H <sub>13</sub> N <sub>3</sub> O	Bromoxynil D-glucuronide methyl ester	126
C <sub>13</sub> H <sub>18</sub> N <sub>2</sub> O <sub>7</sub> S	Propylthiouracil N-b-D-glucuronide	483	C <sub>14</sub> H <sub>15</sub> F <sub>3</sub> N <sub>4</sub> O <sub>6</sub>	4-N-Trifluoroacetamidophenyl 2-azido-2-deoxy-a-D-galactopyranoside	589
C <sub>13</sub> H <sub>18</sub> O <sub>5</sub> S	6-O-Tosyl-D-mannose	562	C <sub>14</sub> H <sub>16</sub> O <sub>5</sub>	Methyl 4,6-O-benzylidene-2-deoxy-a-D-glucopyranosid-3-ulose	380
C <sub>13</sub> H <sub>18</sub> O <sub>9</sub>	1,2,3,4-Tetra-O-acetyl-L-xylopyranose	540		Methyl 2,3-anhydro-4,6-O-benzylidene-a-D-allopyranose	376
	1,2,3,4-Tetra-O-acetyl-D-xylopyranose	540		4-Acetamidophenyl b-D-glucuronide sodium salt	19
	1,2,3,5-Tetra-O-acetyl-D-xylofuranose	539	C <sub>14</sub> H <sub>17</sub> NO <sub>8</sub>	Acetaminophen D-glucuronide	25
	1,2,3,5-Tetra-O-acetyl-b-L-xylofuranose	539	C <sub>14</sub> H <sub>17</sub> F <sub>4</sub> NO <sub>8</sub>	3,4,6-Tri-O-acetyl-2-deoxy-2-trifluoroacetamido-b-D-glucopyranosyl fluoride	569
	1,2,3,4-Tetra-O-acetyl-b-D-ribofuranose	537		3,4,6-Tri-O-acetyl-2-azido-2-deoxy-a-D-glucopyranosyl trichloroacetimidate	564
	1,2,3,5-Tetra-O-acetyl-b-L-ribofuranose	537		2,3,4-Tri-O-acetyl-6-azido-6-deoxy-a-D-glucopyranosyl trichloroacetimidate	564
	1,2,3,5-Tetra-O-acetyl-b-D-ribofuranose	537		3,4,6-Tri-O-acetyl-2-azido-2-deoxy-b-D-galactopyranosyl trichloroacetimidate	564
	1,2,3,4-Tetra-O-acetyl-L-lyxopyranose	533		Methyl 2-deoxy-5-O-toluyol-L-ribofuranoside	389
	1,2,3,4-Tetra-O-acetyl-b-D-arabinopyranose	515		Methyl 4,6-O-benzylidene-3-deoxy-a-D-glucopyranoside	380
	1,2,3,4-Tetra-O-acetyl-a-D-arabinopyranose	515		Methyl 4,6-O-benzylidene-2-deoxy-a-D-glucopyranoside	380
	1,2,3,5-Tetra-O-acetyl-L-arabinofuranose	515		Methyl 4,6-O-benzylidene-2-deoxy-a-D-allopyranoside	380
	1,2,3,5-Tetra-O-acetyl-a-D-arabinofuranose	514	C <sub>14</sub> H <sub>18</sub> NaO <sub>5</sub>	Keto-D-fructose phthalazin-1-ylhydrazone	344
C <sub>13</sub> H <sub>18</sub> O <sub>10</sub>	2,3,4-Tri-O-acetyl-D-glucuronide methyl ester	572		Aldehyde-D-glucose phthalazin-1-yl hydrazone	45
	2,3,4-Tri-O-acetyl-a-D-glucuronic acid methyl ester	571	C <sub>14</sub> H <sub>18</sub> O <sub>6</sub>	Methyl 4,6-O-benzylidene-a-D-mannopyranoside	382
				Methyl 4,6-O-benzylidene-b-D-glucopyranoside	382
C <sub>13</sub> H <sub>19</sub> F <sub>3</sub> O <sub>5</sub>	3-Deoxy-1,2,5,6-di-O-isopropylidene-3-trifluoromethyl-a-D-glucofuranose	166			
C <sub>13</sub> H <sub>19</sub> NO <sub>5</sub>	Benzyl 2-amino-2-deoxy-a-D-galactopyranoside	104			
C <sub>13</sub> H <sub>19</sub> NO <sub>5</sub> S	4-Aminobenzyl b-D-thiogalactopyranoside	55			
C <sub>13</sub> H <sub>19</sub> N <sub>3</sub> O <sub>7</sub>	3,4-Di-O-acetyl-5-azido-5-deoxy-1,2-O-isopropylidene-b-D-fructose	192			
C <sub>13</sub> H <sub>19</sub> FO <sub>8</sub>	Methyl 2,3,6-tri-O-acetyl-4-deoxy-4-fluoro-a-D-galactopyranoside	419			
C <sub>13</sub> H <sub>19</sub> NaO <sub>8</sub>	Methyl 2,3,4-tri-O-acetyl-6-azido-6-deoxy-a-D-glucopyranoside	418			
	Methyl 2-azido-3,4,6-tri-O-acetyl-2-deoxy-b-D-mannopyranoside	378			
C <sub>13</sub> H <sub>19</sub> NO <sub>5</sub> ·HCl	Benzyl 3-amino-3-deoxy-a-D-mannopyranoside HCl	104			
C <sub>13</sub> H <sub>20</sub> O <sub>7</sub>	2C-Hydroxymethyl-2,3,5,6-di-O-isopropylidene-D-talono-1,4-lactone	316			

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C<sub>14</sub>H<sub>20</sub>O<sub>7</sub>

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>14</sub> H <sub>18</sub> O <sub>6</sub>	Methyl 4,6-O-benzylidene-a-D-glucopyranoside	381	C <sub>14</sub> H <sub>19</sub> FO <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl fluoride	535
	Methyl 4,6-O-benzylidene-b-D-galactopyranoside	381		2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl fluoride	529
	Methyl 4,6-O-benzylidene-a-D-galactopyranoside	381		2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl fluoride	529
C <sub>14</sub> H <sub>18</sub> BrNO <sub>6</sub>	4-Bromophenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	125	C <sub>14</sub> H <sub>19</sub> O <sub>9</sub> F	2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl fluoride	524
C <sub>14</sub> H <sub>18</sub> ClNO <sub>6</sub>	4-Chlorophenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	146	C <sub>14</sub> H <sub>19</sub> FO <sub>9</sub>	1,2,3,4-Tetra-O-acetyl-6-deoxy-6-fluoro-D-glucopyranose	520
C <sub>14</sub> H <sub>18</sub> FN <sub>2</sub> O <sub>6</sub>	4-Fluorophenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	260		1,3,4,6-Tetra-O-acetyl-2-deoxy-2-fluoro-D-glucopyranose	520
C <sub>14</sub> H <sub>18</sub> INO <sub>6</sub>	4-Iodophenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	329		1,2,3,4-Tetra-O-acetyl-6-deoxy-6-fluoro-a-D-glucopyranose	519
C <sub>14</sub> H <sub>18</sub> O <sub>6</sub> S	4-Methylphenyl b-D-thiogluconide methyl ester	412		1,3,4,6-Tetra-O-acetyl-2-deoxy-2-fluoro-D-galactopyranose	519
C <sub>14</sub> H <sub>18</sub> O <sub>7</sub>	4-Acetylphenyl-b-D-glucopyranoside	40		1,2,3,6-Tetra-O-acetyl-4-deoxy-4-fluoro-D-galactopyranose	519
C <sub>14</sub> H <sub>18</sub> O <sub>8</sub>	2-Methoxycarbonylphenyl b-D-glucopyranoside	363		1,2,3,4-Tetra-O-acetyl-6-deoxy-6-fluoro-D-galactopyranose	519
	Glucovanillin	301		1,2,3,4-Tetra-O-acetyl-2-deoxy-2-iodo-a-D-glucopyranose	520
C <sub>14</sub> H <sub>18</sub> Cl <sub>3</sub> NO <sub>8</sub>	2,3,4-Tri-O-acetyl-6-deoxy-a-D-glucopyranosyl trichloroacetimidate	567		1,3,4,6-Tetra-O-acetyl-2-deoxy-2-iodo-b-D-galactopyranose	520
C <sub>14</sub> H <sub>18</sub> O <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-1-deoxy-D-arabino-hex-1-enopyranose	519	C <sub>14</sub> H <sub>19</sub> IO <sub>9</sub>	1,3,4,6-Tetra-O-acetyl-2-deoxy-2-iodo-a-D-glucopyranose	520
C <sub>14</sub> H <sub>18</sub> Cl <sub>3</sub> NO <sub>9</sub>	3,4,6-Tri-O-acetyl-2-deoxy-2-trichloroacetamido-D-glucopyranose	569		1,3,4,6-Tetra-O-acetyl-2-deoxy-2-iodo-b-D-galactopyranose	520
C <sub>14</sub> H <sub>18</sub> FN <sub>3</sub> O <sub>9</sub> S	(-)-Emtricitabine O-b-D-glucuronide	233	C <sub>14</sub> H <sub>19</sub> N <sub>3</sub> O <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-b-D-mannopyranosyl azide	534
C <sub>14</sub> H <sub>18</sub> O <sub>10</sub>	2,3,5,6-Tetra-O-acetyl-D-gulonic acid -1,4-lactone	532		2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl azide	534
	2,3,4,6-Tetra-O-acetyl-D-gluconolactone	527		2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl azide	528
	2,3,5,6-Tetra-O-acetyl-D-galactono-1,4-lactone	523		2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl azide	528
C <sub>14</sub> H <sub>18</sub> O <sub>11</sub>	1,2,3,4-Tetra-O-acetyl-b-D-glucuronide	532		2,3,4,6-Tetra-O-acetyl-D-galactopyranosyl azide	523
C <sub>14</sub> H <sub>19</sub> NO <sub>6</sub>	Phenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	459		2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl azide	523
	Phenyl 2-acetamido-2-deoxy-a-D-glucopyranoside	459		2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl azide	523
	Phenyl 2-acetamido-2-deoxy-a-D-galactopyranoside	459		1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-D-mannopyranose	517
	N-(4-Methoxybenzylidene)-D-glucosamine	361		1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-a-D-mannopyranose	517
	N-(4-Methoxybenzylidene)-b-D-glucosamine	361		1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-D-glucopyranose	517
	2-Deoxy-2-(4-methoxybenzyliden)imino-D-glucose	180		1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-b-D-glucopyranose	517
	2-Amino-2-deoxy-N-(4-methoxybenzylidene)-D-glucopyranose	61		1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-a-D-glucopyranose	516
C <sub>14</sub> H <sub>19</sub> NO <sub>7</sub>	N-Cbz-D-glucosamine	139		1,2,3,4-Tetra-O-acetyl-6-azido-6-deoxy-a-D-glucopyranose	516
	2-(Benzoyloxycarbonylamino)-2-deoxy-D-mannose	118		1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-D-galactopyranose	516
	2-(Benzoyloxycarbonylamino)-2-deoxy-D-galactose	118		1,2,3,4-Tetra-O-acetyl-3-azido-3-deoxy-D-galactopyranose	516
	2-Amino-2-N-carbobenzoyloxy-2-deoxy-D-mannose	56		1,2,3,4-Tetra-O-acetyl-6-azido-6-deoxy-D-galactopyranose	516
C <sub>14</sub> H <sub>19</sub> O <sub>8</sub> N	Pyridoxal galactoside	485		1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-D-galactopyranose	516
C <sub>14</sub> H <sub>19</sub> NO <sub>8</sub>	2-Methyl-(3,4,6-tri-O-acetyl-1,2-dideoxy-a-D-glucopyranol)-[2,1-d]-2-oxazoline	419		1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-b-D-galactopyranose	516
C <sub>14</sub> H <sub>19</sub> BrO <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl bromide - stabilised with 2% CaCO <sub>3</sub>	534		1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy-a-D-galactopyranose	516
	2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide - 2% CaCO <sub>3</sub>	528		1,2,4,6-Tetra-O-acetyl-3-azido-3-deoxy-D-galactopyranose	516
	2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl bromide	528		1,2,3,4-Tetra-O-acetyl-6-azido-6-deoxy-D-galactopyranose	516
	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl bromide	524	C <sub>14</sub> H <sub>19</sub> O <sub>8</sub> Na	2,3,4,6-Tetra-O-acetyl-a-D-thiomannopyranose sodium salt	538
	2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide - 2% CaCO <sub>3</sub>	524		2,3,4,6-Tetra-O-acetyl-b-D-thioglucofuranose sodium salt	538
	2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl bromide	524		2,3,4,6-Tetra-O-acetyl-b-D-thiogalactopyranose sodium salt	537
C <sub>14</sub> H <sub>19</sub> ClO <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl chloride	534	C <sub>14</sub> H <sub>17</sub> NO <sub>6</sub> ·3H <sub>2</sub> O	3-Indolyl b-D-glucopyranoside trihydrate	325
	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl chloride	528	C <sub>14</sub> H <sub>20</sub> O <sub>5</sub>	Methyl 3-O-benzyl-a-L-rhamnopyranoside	382
	2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl chloride	528	C <sub>14</sub> H <sub>20</sub> O <sub>8</sub>	Phenylethyl b-D-glucopyranoside	467
	2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl chloride	524		Phenylethyl b-D-galactopyranoside	467
	2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl chloride	524	C <sub>14</sub> H <sub>20</sub> F <sub>3</sub> NO <sub>6</sub>	Allyl 2-deoxy-4,6-O-isopropylidene-2-(trifluoroacetamido)-a-D-glucopyranoside	50
	1,2,4,6-Tetra-O-acetyl-3-chloro-3-deoxy-D-glucopyranose	518	C <sub>14</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub>	Kifunensine diacetamide	346
C <sub>14</sub> H <sub>19</sub> FO <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-D-mannopyranosyl fluoride	535		4-Aminophenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	64
			C <sub>14</sub> H <sub>20</sub> O <sub>7</sub>	Salidoside	500

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C <sub>14</sub> H <sub>20</sub> O <sub>7</sub>	1,2-O-Isopropylidene-5-O-pivaloyl-a-D-glucopyranosiduronic acid-6,3-lactone	338
	3-O-Acetyl-1,2,5,6-di-O-isopropylidene-a-D-gulofur-3-enose	32
C <sub>14</sub> H <sub>20</sub> O <sub>8</sub>	2-(3,4-Dihydroxyphenyl)ethyl b-D-glucopyranoside	215
C <sub>14</sub> H <sub>20</sub> Br <sub>2</sub> O <sub>8</sub>	2,3,4,5-Tetra-O-acetyl-1,6-dibromo-1,6-dideoxy-D-mannitol	522
C <sub>14</sub> H <sub>20</sub> ClNO <sub>8</sub>	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-glucopyranosyl chloride - Stabilised with 2% CaCO <sub>3</sub>	23
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranosyl chloride - Stabilised with 2.5% CaCO <sub>3</sub>	23
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl chloride	21
C <sub>14</sub> H <sub>20</sub> FNO <sub>8</sub>	2-Acetamido-1,3,6-tri-O-acetyl-2,4-dideoxy-4-fluoro-D-glucopyranose	24
C <sub>14</sub> H <sub>20</sub> NaO <sub>8</sub>	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl azide	22
C <sub>14</sub> H <sub>20</sub> O <sub>8</sub> S	Methyl 6-O-p-toluenesulfonyl-a-D-glucopyranoside	417
C <sub>14</sub> H <sub>20</sub> O <sub>9</sub>	3,4,6-Tri-O-acetyl-1,2-O-ethylidene-b-D-mannopyranoside	570
	1,2,3,4-Tetra-O-acetyl-b-L-rhamnopyranose	536
	1,2,3,4-Tetra-O-acetyl-L-rhamnopyranose	536
	1,2,3,4-Tetra-O-acetyl-a-L-rhamnopyranose	536
	1,2,3,4-Tetra-O-acetyl-L-fucopyranose	522
	1,2,3,4-Tetra-O-acetyl-b-L-fucopyranose	522
	1,2,3,4-Tetra-O-acetyl-a-L-fucopyranose	522
	1,3,4,6-Tetra-O-acetyl-2-deoxy-D-glucopyranose	520
	1,2,4,6-Tetra-O-acetyl-3-deoxy-D-glucopyranose	520
	1,2,4,6-Tetra-O-acetyl-3-deoxy-D-galactose	520
	2,3,4,6-Tetra-O-acetyl-1,5-anhydro-D-mannitol	514
	2,5-Anhydro-D-mannitol tetraacetate	77
C <sub>14</sub> H <sub>20</sub> N <sub>2</sub> O <sub>9</sub>	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-glucosylhydroxime-1,5-lactone	22
C <sub>14</sub> H <sub>20</sub> O <sub>9</sub> S	2,3,4,6-Tetra-O-acetyl-b-D-thioglucofuranose	538
	2,3,4,6-Tetra-O-acetyl-b-D-thiogalactopyranose	537
	Methyl 2,3,4-tri-O-acetyl-b-D-thiogalactopyranoside methyl ester	420
C <sub>14</sub> H <sub>20</sub> O <sub>10</sub>	1,3,4,5-Tetra-O-acetyl-L-sorbopyranose	537
	2,3,4,6-Tetra-O-acetyl-D-mannopyranose	534
	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranose	534
	1,3,4,6-Tetra-O-acetyl-b-D-mannopyranose	534
	1,2,4,6-Tetra-O-acetyl-a-D-mannopyranose	533
	1,2,3,4-Tetra-O-acetyl-D-mannopyranose	533
	3,4,5,6-Tetra-O-acetyl-D-myo-inositol	533
	3,4,5,6-Tetra-O-acetyl myo-inositol	533
	2,3,4,6-Tetra-O-acetyl-D-glucopyranose	527
	2,3,4,6-Tetra-O-acetyl-a-D-glucopyranose	527
	1,3,4,6-Tetra-O-acetyl-a-D-glucopyranose	527
	1,2,4,6-Tetra-O-acetyl-b-D-glucopyranose	527
	1,2,3,6-Tetra-O-acetyl-a-D-glucopyranose	527
	1,2,3,4-Tetra-O-acetyl-b-D-glucopyranose	527
	2,3,4,6-Tetra-O-acetyl-D-galactopyranose	523
	2,3,4,6-Tetra-O-acetyl-a-D-galactopyranose	523
	1,3,4,6-Tetra-O-acetyl-a-D-galactopyranose	523
	1,2,3,4-Tetra-O-acetyl-D-galactopyranose	523
	Methyl 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester	420
C <sub>14</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub> ·HCl	4-Aminophenyl 2-acetamido-2-deoxy-a-D-galactopyranoside HCl	64
C <sub>14</sub> H <sub>21</sub> N <sub>3</sub> O <sub>7</sub> S	Ethyl 2,3,4-tri-O-acetyl-6-azido-6-deoxy-a-D-thiomannopyranoside	253
C <sub>14</sub> H <sub>21</sub> O <sub>8</sub>	2-Iodoethyl 2,3,4-tri-O-acetyl-a-L-fucopyranoside	329
C <sub>14</sub> H <sub>21</sub> NO <sub>8</sub>	Pyridoxine galactoside	485
C <sub>14</sub> H <sub>21</sub> NO <sub>8</sub> S	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-thioglucofuranose	24
C <sub>14</sub> H <sub>21</sub> NO <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl amine	527
	N-Acetyl-2-O-propargyl-a-neuraminic acid	40
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-glucopyranose	22

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C <sub>14</sub> H <sub>21</sub> NO <sub>9</sub>	2-Acetamido-1,3,6-tri-O-acetyl-2-deoxy-a-D-glucopyranose	22
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-D-galactopyranose	21
C <sub>14</sub> H <sub>22</sub> O <sub>6</sub> S <sub>2</sub>	1,2,5,6-Di-O-isopropylidene-a-D-glucopyranose S-methyl dithiocarbonate	220
C <sub>14</sub> H <sub>22</sub> O <sub>7</sub>	3-O-Acetyl-1,2,5,6-di-O-isopropylidene-a-D-glucopyranose	32
	6-O-Acetyl-1,2,3,4-di-O-isopropylidene-a-D-galactopyranose	32
	3-O-Acetyl-1,2,5,6-di-O-isopropylidene-a-D-galactofuranose	32
C <sub>14</sub> H <sub>22</sub> O <sub>7</sub> S	Ethyl 2,3,4-tri-O-acetyl-b-L-thiofucopyranoside	254
C <sub>14</sub> H <sub>22</sub> O <sub>8</sub>	Ethyl 2,3,4-tri-O-acetyl-a-L-rhamnopyranoside	254
C <sub>14</sub> H <sub>22</sub> N <sub>2</sub> O <sub>8</sub>	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl amine	22
C <sub>14</sub> H <sub>22</sub> O <sub>8</sub> S	Ethyl 2,4,6-tri-O-acetyl-a-D-thiomannopyranoside	254
C <sub>14</sub> H <sub>21</sub> NO <sub>9</sub> ·HCl	1,3,4,6-Tetra-O-acetyl-b-D-glucosamine HCl	531
	1,3,4,6-Tetra-O-acetyl-a-D-glucosamine HCl	531
C <sub>14</sub> H <sub>22</sub> N <sub>2</sub> O <sub>16</sub> P <sub>2</sub>	UDP-a-D-xylose	598
	UDP-b-L-arabinose	595
	UDP-apiose	595
C <sub>14</sub> H <sub>24</sub> N <sub>4</sub> O <sub>5</sub>	2-Azido-4,6-O-benzylidene-N-Boc-1,2,5-trideoxy-1,5-imino-D-glucitol	89
C <sub>14</sub> H <sub>24</sub> N <sub>2</sub> O <sub>7</sub>	2-Deoxy-1,3,4,5-di-O-isopropylidene-2-oxamoylamino-D-mannitol	166
C <sub>14</sub> H <sub>24</sub> O <sub>8</sub>	Valproic acid b-D-glucuronide	600
C <sub>14</sub> H <sub>24</sub> O <sub>12</sub>	Sucrose-6-acetic ester	508
C <sub>14</sub> H <sub>25</sub> NO <sub>4</sub>	5-Azepan-1-yl-5-deoxy-1,2-isopropylidene-a-D-xylofuranose	88
C <sub>14</sub> H <sub>25</sub> NO <sub>10</sub>	Casuarine-6-O-a-D-glucoside	138
	4-O-(2-Acetamido-2-deoxy-b-D-glucopyranosyl)-L-fucopyranose	14
	3-O-(2-Acetamido-2-deoxy-b-D-glucopyranosyl)-L-fucopyranose	14
C <sub>14</sub> H <sub>26</sub> O <sub>5</sub> Si	5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-D-ribo-1,4-lactone	131
	5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-D-lyxono-1,4-lactone	130
C <sub>14</sub> H <sub>26</sub> O <sub>7</sub>	Octyl D-glucuronic acid	445
	Octyl b-D-glucuronic acid	445
	O-Butanoyl-2,3-O-isopropylidene-a-D-mannofuranoside	127
C <sub>14</sub> H <sub>26</sub> N <sub>4</sub> O <sub>8</sub>	N-Acetyl-b-D-glucosamine-PEG3-azide	35
	N-Acetyl-b-D-galactosamine-PEG3-azide	34
C <sub>14</sub> H <sub>26</sub> O <sub>16</sub> Zn	Zinc glucoheptonate	606
C <sub>14</sub> H <sub>27</sub> NO	Amiprilose	68
C <sub>14</sub> H <sub>27</sub> NO <sub>5</sub> Si	5-O-tert-Butyldimethylsilyl-1,N-dehydro-1,4-dideoxy-1,4-imino-2,3-O-isopropylidene-D-ribitol	129
C <sub>14</sub> H <sub>27</sub> ClO <sub>4</sub> Si	5-O-tert-Butyldimethylsilyl-1-chloro-2,3-O-isopropylidene-b-D-ribofuranose	129
C <sub>14</sub> H <sub>27</sub> NO <sub>6</sub>	Octanoyl b-D-glucosylamine	444
C <sub>14</sub> H <sub>27</sub> N <sub>3</sub> O <sub>6</sub>	2-Acetamido-N-(ε-aminocaproyl)-2-deoxy-b-D-glucopyranosyl amine	9
C <sub>14</sub> H <sub>28</sub> O <sub>5</sub> Si	5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-D-ribofuranose	131
	5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-L-lyxofuranose	130
C <sub>14</sub> H <sub>28</sub> O <sub>6</sub>	Octyl L-glucopyranoside	445
	Octyl D-galactofuranoside	444
C <sub>14</sub> H <sub>27</sub> NO <sub>6</sub> ·HCl	Amiprilose hydrochloride	68
C <sub>14</sub> H <sub>26</sub> CaO <sub>16</sub> ·xH <sub>2</sub> O	a-D-Glucoheptonic acid calcium salt	285
C <sub>14</sub> H <sub>29</sub> NO <sub>3</sub> Si	5-O-tert-Butyldimethylsilyl-1,4-dideoxy-1,4-imino-2,3-O-isopropylidene-D-ribitol	130
C <sub>14</sub> H <sub>31</sub> NO <sub>5</sub>	1-Octylamino-1-deoxy-D-glucitol	444
C <sub>15</sub> H <sub>16</sub> D <sub>3</sub> O <sub>9</sub> ·Na	7-Hydroxycoumarin D5-D-glucuronide sodium salt	312
C <sub>15</sub> H <sub>13</sub> Cl <sub>2</sub> NO <sub>7</sub>	5,7-Dichloro-8-hydroxyquinoline b-D-glucuronide	206
C <sub>15</sub> H <sub>13</sub> O <sub>9</sub> ·Na	7-Hydroxycoumarinyl-b-D-glucuronide sodium salt	312
C <sub>15</sub> H <sub>13</sub> NaO <sub>9</sub>	7-Hydroxycoumarin b-D-glucuronide sodium salt	312
C <sub>15</sub> H <sub>14</sub> ClNO <sub>7</sub>	5-Chloro-8-hydroxyquinoline b-D-glucuronide	146

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C<sub>15</sub>H<sub>22</sub>O<sub>9</sub>S

Formula	Product Name	Page
C <sub>15</sub> H <sub>16</sub> O <sub>6</sub>	5-O-Benzoyl-1,2-O-isopropylidene-3-keto-a-D-xylofuranoside	98
C <sub>15</sub> H <sub>16</sub> O <sub>10</sub>	Caffeic acid 3-O-b-D-glucuronide	133
	Acetylsalicylic acid-acyl-b-D-glucuronide	41
C <sub>15</sub> H <sub>16</sub> O <sub>9</sub> ·1.5H <sub>2</sub> O	Esculin sesquihydrate	238
C <sub>15</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>	3-Azido-5-O-benzoyl-3-deoxy-1,2-O-isopropylidene-a-D-ribofuranose	89
C <sub>15</sub> H <sub>17</sub> NO <sub>7</sub>	Methyl 2-deoxy-2-phthalimido-b-D-glucopyranoside	388
C <sub>15</sub> H <sub>17</sub> NO <sub>9</sub>	3,4,5,7-Tetra-O-acetyl-2,6-anhydro-D-lyxo-hept-2-enonitrile	514
C <sub>15</sub> H <sub>17</sub> NO <sub>9</sub>	Acedoben-acyl-b-D-glucuronide	9
C <sub>15</sub> H <sub>18</sub> O <sub>5</sub>	Benzyl 5-Aldo-2,3-O-isopropylidene-a-D-mannopenotenofuranoside	104
C <sub>15</sub> H <sub>18</sub> N <sub>4</sub> O <sub>5</sub>	2-Acetamido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranosyl azide	11
C <sub>15</sub> H <sub>18</sub> O <sub>6</sub>	5-O-Benzoyl-1,2-O-isopropylidene-a-D-xylofuranose	98
	Benzoyl 2,3-O-isopropylidene-L-ribofuranoside	98
	Benzoyl 2,3-O-isopropylidene-D-lyxofuranoside	98
C <sub>15</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub>	2-Acetamido-4,6-O-benzylidene-2-deoxy-D-gluconhydroximo-1,5-lactone	11
C <sub>15</sub> H <sub>18</sub> O <sub>7</sub>	trans-Cinnamoyl b-D-glucoside	148
C <sub>15</sub> H <sub>18</sub> O <sub>8</sub>	p-Coumaroyl-b-D-glucose	152
	Coumaric acid 4-O-glucoside	152
C <sub>15</sub> H <sub>18</sub> O <sub>9</sub>	1,2,3,4-Tetra-O-acetyl-5-alkynyl-L-fucose	513
	Salicylic acid ethyl ester b-D-glucuronide	500
	Methyl salicylate b-D-O-glucuronide methyl ester	414
	Caffeic acid 3-O-b-D-glucopyranoside	133
C <sub>15</sub> H <sub>18</sub> BrNO <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-1-bromo-1-deoxy-b-D-galactopyranosyl cyanide	518
C <sub>15</sub> H <sub>18</sub> FNO <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-1-deoxy-1-fluoro-a-D-galactopyranosyl cyanide	519
C <sub>15</sub> H <sub>18</sub> N <sub>4</sub> O <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-1-azido-1-deoxy-a-D-galactopyranosyl cyanide	516
C <sub>15</sub> H <sub>16</sub> O <sub>9</sub> ·H <sub>2</sub> O	Esculin monohydrate	238
C <sub>15</sub> H <sub>18</sub> Cl <sub>3</sub> NO <sub>10</sub>	2,3,4-Tri-O-acetyl-b-D-glucuronide methyl ester trichloroacetimidate	572
	2,3,4-Tri-O-acetyl-a-D-glucuronide methyl ester trichloroacetimidate	572
C <sub>15</sub> H <sub>18</sub> O <sub>10</sub> S	3,4,5,6-Tetra-O-acetyl-myo-inositol-1,2-thiocarbonate	533
C <sub>15</sub> H <sub>19</sub> NO <sub>6</sub>	2-Acetamido-4,6-O-benzylidene-2-deoxy-D-glucopyranose	11
	2-Acetamido-4,6-O-benzylidene-2-deoxy-D-galactopyranose	11
C <sub>15</sub> H <sub>19</sub> NO <sub>7</sub>	4-Formylphenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	263
	2-Formylphenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	263
C <sub>15</sub> H <sub>19</sub> N <sub>3</sub> O <sub>7</sub>	N-Nitrosomnicotine-N-b-D-glucuronide - Mixture Of Diastereomers	441
	Galacto-PUGNAC	272
C <sub>15</sub> H <sub>19</sub> NO <sub>8</sub>	4-Acetamidophenyl b-D-glucuronide methyl ester	19
C <sub>15</sub> H <sub>19</sub> NO <sub>9</sub>	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl cyanide	524
C <sub>15</sub> H <sub>19</sub> NO <sub>9</sub> S	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl isothiocyanate	535
	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl isothiocyanate	530
	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl isothiocyanate	525
C <sub>15</sub> H <sub>19</sub> Cl <sub>3</sub> O <sub>10</sub>	Trichloroethyl 2,3,4-tri-O-acetyl-b-D-glucopyranosiduronic acid methyl ester	588
C <sub>15</sub> H <sub>19</sub> F <sub>3</sub> O <sub>12</sub> S	1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-b-D-talopyranose	538
	1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-b-D-mannopyranose	538
C <sub>15</sub> H <sub>19</sub> N <sub>2</sub> Na <sub>3</sub> O <sub>18</sub> P <sub>2</sub>	UDP-D-glucuronide trisodium salt	598
C <sub>15</sub> H <sub>20</sub> O <sub>5</sub>	(1S,3S,4R,8S)-8-Benzyloxy-1-hydroxymethyl-3-methoxy-2,6-dioxabicyclo[3,2,1]octane	119
	3-O-Benzyl-1,2-O-isopropylidene-b-L-lyxofuranose	115

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C <sub>15</sub> H <sub>20</sub> FNO <sub>5</sub>	Benzyl 2-acetamido-2,4-dideoxy-4-fluoro-a-D-glucopyranose	103
C <sub>15</sub> H <sub>20</sub> O <sub>5</sub> S	Phenyl 3,4-O-isopropylidene-b-D-thiogalactopyranoside	468
	Ethyl 4,6-O-benzylidene-D-thiomannopyranoside	245
	Ethyl 4,6-O-benzylidene-b-D-thiogalactopyranoside	245
	Ethyl 4,6-O-benzylidene-b-D-thiogalactopyranoside	245
C <sub>15</sub> H <sub>20</sub> O <sub>6</sub>	Ethyl 4,6-O-benzylidene-b-D-galactopyranoside	244
	4,6-O-Benzylidene-1,3-di-O-methyl-a-D-mannopyranoside	113
C <sub>15</sub> H <sub>20</sub> O <sub>7</sub> S	1,2-O-Isopropylidene-5-O-p-toluenesulfonyl-a-D-xylofuranose	339
C <sub>15</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub> S	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl isothiocyanate	24
C <sub>15</sub> H <sub>20</sub> N <sub>4</sub> O <sub>9</sub>	5'-(2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl) tetrazole	526
C <sub>15</sub> H <sub>20</sub> BrNO <sub>10</sub>	C-(2,3,4,6-Tetra-O-acetyl-1-bromo-1-deoxy-b-D-galactopyranosyl)formamide	518
C <sub>15</sub> H <sub>20</sub> N <sub>4</sub> O <sub>10</sub>	C-(2,3,4,6-Tetra-O-acetyl-1-azido-1-deoxy-a-D-galactopyranosyl)formamide	516
C <sub>15</sub> H <sub>20</sub> O <sub>11</sub>	1,2,3,4-Tetra-O-acetyl-D-glucuronide methyl ester	532
	1,2,3,4-Tetra-O-acetyl-b-D-glucuronide methyl ester	532
	1,2,3,4-Tetra-O-acetyl-a-D-glucuronide methyl ester	532
	Methyl 1,2,3,4-tetra-O-acetyl-a-L-idopyranuronate	414
	2,5-Dimethyl-4-hydroxy-3(2H)-furanone-b-D-glucoside-6'-malonate	228
C <sub>15</sub> H <sub>20</sub> O <sub>11</sub> S	2,3,4,6-Tetra-O-acetyl-1-S-acetyl-b-D-thiogalactopyranose	513
C <sub>15</sub> H <sub>21</sub> N <sub>3</sub> O <sub>4</sub>	Methyl 4-azido-3-O-benzyl-4,6-dideoxy-2-O-methyl-a-D-glucopyranoside	378
C <sub>15</sub> H <sub>21</sub> NO <sub>6</sub>	4-Methylphenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	409
	2-Methylphenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	408
	Benzyl 2-acetamido-2-deoxy-D-glucopyranoside	101
	Benzyl 2-acetamido-2-deoxy-b-D-glucopyranoside	101
	Benzyl 2-acetamido-2-deoxy-a-D-glucopyranoside	101
	Benzyl 2-acetamido-2-deoxy-a-D-galactopyranoside	100
C <sub>15</sub> H <sub>21</sub> NO <sub>7</sub>	Methyl 2-benzyloxy-carbonylamino-2-deoxy-a-D-glucopyranoside	382
	Benzocaine N-b-D-glucoside	96
C <sub>15</sub> H <sub>21</sub> NO <sub>8</sub>	Phenylephrine-D-glucuronide	466
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>8</sub>	2'-O-a-D-Ribofuranosyladenosine	496
C <sub>15</sub> H <sub>21</sub> NO <sub>9</sub>	4'-O-(b-D-Glucopyranosyl)-L-DOPA	290
	3'-O-(b-D-Glucopyranosyl)-L-DOPA	290
C <sub>15</sub> H <sub>21</sub> NO <sub>10</sub>	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl formamide	525
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>10</sub>	5'-O-(2-Azido-2-deoxy-D-mannopyranosyl)-uridine	92
C <sub>15</sub> H <sub>21</sub> NO <sub>11</sub>	C-(2,3,4,6-Tetra-O-acetyl-1-hydroxy-b-D-galactopyranosyl)formamide	532
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>17</sub> P <sub>2</sub>	UDP-6-azido-6-deoxy-D-glucose	596
C <sub>15</sub> H <sub>22</sub> O <sub>4</sub>	3,4,6-Tri-O-allyl-D-glucal	575
C <sub>15</sub> H <sub>22</sub> O <sub>5</sub> S	Phenyl 2,3,4-tri-O-methyl-a-L-thiorhamnopryranoside	474
C <sub>15</sub> H <sub>22</sub> O <sub>5</sub>	Methyl 3-O-benzyl-6-deoxy-2-O-methyl-a-D-galactopyranoside	379
C <sub>15</sub> H <sub>22</sub> O <sub>5</sub> S	3,6-Di-O-acetyl-5-S-acetyl-5-deoxy-1,2-O-isopropylidene-a-D-glucopyranose	191
C <sub>15</sub> H <sub>22</sub> O <sub>9</sub>	3,4,6-Tri-O-acetyl-1,2-O-isopropylidene-b-D-fructofuranose	572
	Aucubin	87
C <sub>15</sub> H <sub>22</sub> O <sub>5</sub> S	Methyl 2,3,4,6-tetra-O-acetyl-a-D-thiomannopyranoside	415

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>15</sub> H <sub>22</sub> O <sub>9</sub> S	Methyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside	415	C <sub>15</sub> H <sub>30</sub> O <sub>5</sub> Si	5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-2-C-methyl-D-ribofuranose	131
	Methyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside	415	C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>16</sub> P <sub>2</sub> ·2NaH <sub>8</sub>	UDP-b-L-fucose diammonium salt	596
C <sub>15</sub> H <sub>22</sub> O <sub>10</sub>	3,4,6-Tri-O-acetyl-b-D-mannopyranose 1,2-(methyl orthoacetate)	573	C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>17</sub> P <sub>2</sub> ·2NaH <sub>8</sub>	UDP-L-galactose diammonium salt	597
	3,4,6-Tri-O-acetyl-b-L-idopyranose 1,2-(methyl orthoacetate)	572	C <sub>15</sub> H <sub>30</sub> N <sub>4</sub> O <sub>17</sub> P <sub>2</sub>	UDP-a-D-galactose ammonium salt	596
	3,4,6-Tri-O-acetyl-a-D-glucopyranose 1,2-(methyl orthoacetate)	571	C <sub>15</sub> H <sub>31</sub> NO <sub>4</sub>	N-Nonyldeoxynojirimycin	442
	3,4,6-Tri-O-acetyl-a-D-galactopyranose 1,2-(methyl orthoacetate)	570		N-Nonyldeoxygalactonojirimycin	442
	Methyl-2,3,4,6-tetra-O-acetyl-alpha-D-mannopyranoside	415	C <sub>15</sub> H <sub>31</sub> NO <sub>5</sub>	N-(7-Oxadecyl)deoxynojirimycin	447
	Methyl 2,3,4,6-tetra-O-acetyl-b-D-mannopyranoside	415	C <sub>15</sub> H <sub>23</sub> N <sub>5</sub> O <sub>15</sub> P <sub>2</sub> ·2NaH <sub>8</sub>	GDP-L-fucose diammonium salt	280
	Methyl 2,3,4,6-tetra-O-acetyl-a-D-glucopyranoside	414	C <sub>16</sub> H <sub>10</sub> O	1-Hydroxypyrene-d9	321
	Methyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranose	414	C <sub>16</sub> H <sub>10</sub> ClN <sub>2</sub> O <sub>5</sub> S	D-Fructose-1,6-diphosphate dibarium salt	265
	Ethyl 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester	253	C <sub>16</sub> H <sub>14</sub> N <sub>3</sub> NaO <sub>10</sub> S	Tizoxanide O-b-D-glucuronide sodium salt	559
	Catalpol	138	C <sub>16</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub> D <sub>3</sub> ·Na	trans-3-Hydroxycotinine-O-b-D-glucuronide D3 sodium salt	312
C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>17</sub> P <sub>2</sub>	UDP-D-glucose disodium salt - Approx 30% content by UV	597	C <sub>16</sub> H <sub>16</sub> O <sub>9</sub>	7-Hydroxy coumarin b-D-glucuronide methyl ester	312
	UDP-D-glucose disodium salt	597	C <sub>16</sub> H <sub>16</sub> O <sub>10</sub>	Scopoletin b-D-glucuronide	500
C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>17</sub> P <sub>2</sub> ·2Na	UDP-D-galactose disodium salt	597	C <sub>16</sub> H <sub>17</sub> N <sub>2</sub> O·D <sub>3</sub>	Cotinine-N-b-glucuronide-D3	151
	UDP-a-D-galactose disodium salt	597	C <sub>16</sub> H <sub>17</sub> D <sub>3</sub> N <sub>2</sub> O <sub>8</sub>	N-(trans-3-Hydroxycotinine)-b-D-glucuronide methyl-D3	312
C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>18</sub> P <sub>2</sub>	UDP-a-D-galacturonic acid	597		1-O-(trans-3-Hydroxycotinine)-D-glucuronide methyl-D3	311
C <sub>15</sub> H <sub>23</sub> N <sub>5</sub> O <sub>7</sub>	Minoxidil D-glucuronide	430	C <sub>16</sub> H <sub>18</sub> O <sub>5</sub>	Allyl 2,3-anhydro-4,6-O-benzylidene-a-L-mannopyranoside	48
C <sub>8</sub> H <sub>15</sub> NO <sub>4</sub> ·C <sub>7</sub> H <sub>8</sub> O <sub>3</sub> S	2,3-O-Isopropylidene-b-D-ribofuranosylamine p-toluenesulphonate salt	338	C <sub>16</sub> H <sub>18</sub> N <sub>4</sub> O <sub>5</sub>	3-O-Toluoyl decitabine	559
C <sub>15</sub> H <sub>23</sub> NO <sub>9</sub>	Methyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	373	C <sub>16</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub>	Cotinine N-(4-deoxy-4,5-didehydro)-b-D-glucuronide	151
C <sub>15</sub> H <sub>23</sub> BrN <sub>2</sub> O <sub>5</sub> S	2-(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl)thiopseudourea hydrobromide	531	C <sub>16</sub> H <sub>18</sub> O <sub>7</sub>	1,3-Di-O-acetyl-2-deoxy-5-O-benzoyl-L-erythro-pentofuranose	193
C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub> S·HBr	2-(2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl)thiopseudourea hydrobromide	526		1,3-Di-O-acetyl-5-O-benzoyl-2-deoxy-D-xylofuranose	193
C <sub>15</sub> H <sub>23</sub> NaO <sub>10</sub>	5'-O-(2-Amino-2-deoxy-b-D-glucopyranosyl)-uridine	60		1,2-O-Di-O-acetyl-5-O-benzoyl-3-deoxy-D-ribofuranose	193
	5'-O-(2-Amino-2-deoxy-D-galactopyranosyl)-uridine	59	C <sub>16</sub> H <sub>19</sub> N <sub>2</sub> O <sub>7</sub> D <sub>3</sub>	Nicotine-N-b-D-glucuronide-D3	439
C <sub>13</sub> H <sub>22</sub> N <sub>2</sub> O <sub>10</sub> S·CF <sub>3</sub> CO <sub>2</sub> H	Bacillithiol	96	C <sub>16</sub> H <sub>19</sub> ClO <sub>3</sub>	Clofibrac acid acyl-b-D-glucuronide	149
C <sub>15</sub> H <sub>23</sub> FN <sub>2</sub> O <sub>16</sub> P <sub>2</sub>	UDP-2-deoxy-2-fluoro-D-mannose	596	C <sub>16</sub> H <sub>19</sub> NaO <sub>5</sub> S	Sulfamethoxazole b-D-glucuronide	508
	UDP-2-deoxy-2-fluoro-D-glucose	596	C <sub>16</sub> H <sub>20</sub> O <sub>5</sub>	3-O-Benzyl-1,2-O-isopropylidene-a-D-xylo-pentodialdo-1,4-furanose	117
	UDP-2-deoxy-2-fluoro-D-galactose	596	C <sub>16</sub> H <sub>20</sub> BrNO <sub>5</sub>	Methyl 3-acetamido-4-O-benzoyl-6-bromo-2,3,6-trideoxy-a-D-ribo-hexopyranoside	371
C <sub>15</sub> H <sub>23</sub> N <sub>3</sub> O <sub>16</sub> P <sub>2</sub> Na <sub>2</sub>	UDP-D-galactosamine disodium salt	596	C <sub>16</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>	Nicotine-N-(4-deoxy-4,5-didehydro)-b-D-glucuronide	439
C <sub>15</sub> H <sub>24</sub> O <sub>7</sub>	1,2,3,4,5,6-Tri-O-isopropylidene-D-gluconate	591	C <sub>16</sub> H <sub>20</sub> O <sub>6</sub>	Allyl 4,6-O-benzylidene-L-glucopyranoside	49
C <sub>15</sub> H <sub>24</sub> N <sub>4</sub> O <sub>9</sub>	5'-O-(2-Amino-2-deoxy-D-glucopyranosyl)cytidine	59		Allyl 4,6-O-benzylidene-b-L-glucopyranoside	49
C <sub>15</sub> H <sub>24</sub> N <sub>2</sub> O <sub>16</sub> P <sub>2</sub>	UDP-a-L-rhamnose	598		Allyl 4,6-O-benzylidene-b-D-glucopyranoside	49
C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>18</sub> P <sub>2</sub> ·xNH <sub>3</sub>	UDP-D-glucuronide ammonium salt	598		Allyl 4,6-O-benzylidene-a-D-glucopyranoside	49
C <sub>15</sub> H <sub>26</sub> O <sub>4</sub> S <sub>2</sub>	2-Deoxy-3,4,5,6-di-O-isopropylidene-D-arabino-hexose propane-1,3-diyl dithioacetal	165	C <sub>16</sub> H <sub>20</sub> O <sub>7</sub>	Methyl 2-O-acetyl-4,6-O-benzylidene-a-D-glucopyranoside	374
C <sub>15</sub> H <sub>26</sub> O <sub>6</sub>	1,2,3,4,5,6-Tri-O-isopropylidene-D-mannitol	592		Cotinine b-D-glucuronide	151
C <sub>15</sub> H <sub>26</sub> O <sub>12</sub>	Sucrose 4,6-methyl orthoester	508	C <sub>16</sub> H <sub>20</sub> O <sub>8</sub>	1,6-Anhydro-3,4-O-isopropylidene-2-O-p-toluenesulfonyl-b-D-galactopyranose	76
C <sub>15</sub> H <sub>27</sub> N <sub>3</sub> O <sub>5</sub> Si	5-Azido-6-O-(tert-butylidimethylsilyl)-2,3-O-isopropylidene L-gulono-1,4-lactone	90	C <sub>16</sub> H <sub>20</sub> N <sub>2</sub> O <sub>8</sub>	N-(trans-3-Hydroxycotinine)-b-D-glucuronide	311
C <sub>15</sub> H <sub>27</sub> NO <sub>10</sub>	4'-O-(b-D-Glucopyranosyl)-D-pantothenic acid	292		1-O-(trans-3-Hydroxycotinine)-b-D-glucuronide	311
C <sub>15</sub> H <sub>28</sub> O <sub>4</sub> Si	6-O-tert-Butyldimethylsilyl-3,4-O-isopropylidene-D-galactal	130	C <sub>16</sub> H <sub>20</sub> O <sub>9</sub>	2-C-(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl)ethyne	529
C <sub>15</sub> H <sub>28</sub> O <sub>5</sub> Si	5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-L-ribo-1,4-lactone	131		2-C-(2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl)ethyne	529
	5-O-tert-Butyldimethylsilyl-2,3-O-isopropylidene-2-C-methyl-D-ribo-1,4-lactone	131	C <sub>16</sub> H <sub>20</sub> Cl <sub>3</sub> NO <sub>5</sub> S	2,3,4,6-Tetra-O-acetyl-5-thio-D-galactopyranosyl trichloroacetimidate	537
C <sub>15</sub> H <sub>28</sub> O <sub>6</sub>	3-Cyclohexylpropyl-b-D-glucopyranoside	156	C <sub>16</sub> H <sub>20</sub> Cl <sub>3</sub> NO <sub>10</sub>	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl trichloroacetimidate	536
C <sub>15</sub> H <sub>28</sub> O <sub>8</sub>	9-(b-D-Galactopyranose)-nonanoic acid	272		2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl trichloroacetimidate	531
C <sub>15</sub> H <sub>28</sub> NO <sub>4</sub>	N-Cyclohexylpropyl deoxynojirimycin	156		2,3,4,6-Tetra-O-acetyl-a-D-glucopyranosyl trichloroacetimidate	531
C <sub>15</sub> H <sub>28</sub> NO <sub>11</sub>	3-Aminopropyl-3-O-(a-D-galactopyranosyl)-b-D-galactopyranoside	67		2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl trichloroacetimidate	526
C <sub>15</sub> H <sub>30</sub> O <sub>4</sub> Si	6-O-Triisopropylsilyl-D-glucal	592		1,3,4,6-Tetra-O-acetyl-2-deoxy-2-trichloroacetamido-b-D-glucopyranose	521
	3-O-Triisopropylsilyl-D-glucal	592	C <sub>16</sub> H <sub>20</sub> F <sub>3</sub> NO <sub>10</sub>	1,3,4,6-Tetra-O-acetyl-2-deoxy-2-trifluoroacetamido-D-glucopyranose	521
	6-O-Triisopropylsilyl-D-galactal	592			
	3-O-Triisopropylsilyl-D-galactal	592			



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C<sub>16</sub>H<sub>24</sub>O<sub>9</sub>S

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>16</sub> H <sub>21</sub> NO <sub>5</sub>	Methyl 3-acetamido-4,6-O-benzylidene-2,3-dideoxy-a-D-ribo-hexopyranoside	372	C <sub>16</sub> H <sub>22</sub> O <sub>10</sub> S <sub>2</sub>	Methyl 4,6-O-benzylidene-2,3-di-O-methanesulfonyl-a-D-glucopyranoside	380
	Methyl 3-acetamido-4,6-O-benzylidene-2,3-dideoxy-a-D-arabino-hexopyranoside	372	C <sub>16</sub> H <sub>22</sub> O <sub>11</sub>	1,2,3,4,6-Penta-O-acetyl-D-mannopyranose	452
C <sub>16</sub> H <sub>21</sub> NO <sub>6</sub>	Methyl 2-acetamido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside	371		1,2,3,4,6-Penta-O-acetyl-b-D-mannopyranose	452
	Methyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-glucopyranoside	371		1,2,3,4,6-Penta-O-acetyl-a-D-mannopyranose	452
C <sub>16</sub> H <sub>21</sub> N <sub>5</sub> O <sub>7</sub>	trans-Zeatin-o-glucuronide	606		1,3,4,5,6-Penta-O-acetyl-2-keto-D-fructose	452
	trans-Zeatin-9-glucuronide	606		Penta-O-acetyl-a-L-idopyranose	452
C <sub>16</sub> H <sub>21</sub> NO <sub>8</sub>	2-Methoxycarbonylphenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	362		1,2,3,4,6-Penta-O-acetyl-D-glucopyranose	451
	2-Methoxycarbonylphenyl 2-acetamido-2-deoxy-b-D-glucopyranoside	362		1,2,3,4,6-Penta-O-acetyl-b-D-glucopyranose	451
C <sub>16</sub> H <sub>21</sub> N <sub>3</sub> O <sub>8</sub>	4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone-N-b-D-glucuronide	408		1,2,3,4,6-Penta-O-acetyl-a-D-glucopyranose	451
C <sub>16</sub> H <sub>21</sub> D <sub>3</sub> N <sub>3</sub> O <sub>8</sub>	4-(Methyl-D <sub>3</sub> -nitrosamino)-1-(3-pyridyl)-1-butanol-N-b-D-glucuronide	408		1,2,3,4,6-Penta-O-acetyl-D-galactopyranose	451
C <sub>16</sub> H <sub>21</sub> NO <sub>9</sub> S	Cyanomethyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucofuranoside	154		1,2,3,4,6-Penta-O-acetyl-b-D-galactopyranose	451
	Cyanomethyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside	154		1,2,3,4,6-Penta-O-acetyl-a-D-galactopyranose	451
C <sub>16</sub> H <sub>21</sub> NO <sub>10</sub>	2,3,4,5,6-Penta-O-acetyl-D-galactonitrile	451		1,2,3,5,6-Penta-O-acetyl-D-galactofuranose	450
C <sub>16</sub> H <sub>22</sub> O <sub>5</sub>	Methyl 2,3-O-isopropylidene-5-O-benzyl-b-D-ribofuranoside	403		1,2,3,4,5-Penta-O-acetyl-b-D-fructose	450
	1-O-Benzyl-2C-methyl-3,4-isopropylidene-D-ribofuranoside	118		1,2,3,4,6-Penta-O-acetyl-a-D-fructofuranose	450
	Allyl 3-O-benzyl-a-L-rhamnopyranoside	49	C <sub>16</sub> H <sub>23</sub> NO <sub>5</sub>	Benzyl 5-amino-5-deoxy-2,3-O-isopropylidene-a-D-mannofuranoside	104
C <sub>16</sub> H <sub>22</sub> O <sub>6</sub>	Methyl 4,6-O-benzylidene-2,3-di-O-methyl-a-D-glucopyranoside	380	C <sub>16</sub> H <sub>23</sub> NO <sub>6</sub>	Benzyl 2-acetamido-2-deoxy-3-O-methyl-a-D-glucopyranoside	101
	1,2-O-Isopropylidene-3-O-benzyl-D-allofuranose	333		trans-Zeatin-O-glucoside	606
	4-(Hydroxymethyl)-1,2-O-isopropylidene-3-O-benzyl-beta-L-threo-pentofuranose	317		trans-Zeatin-9-glucoside	606
	Benzyl 2,3-O-isopropylidene-a-D-mannofuranoside	116		trans-Zeatin-7-glucoside	605
	3-O-Benzyl-1,2-O-isopropylidene-a-D-glucofuranose	115		cis-Zeatin-o-glucoside	605
	3-O-Benzyl-4-(hydroxymethyl)-1,2-O-isopropylidene-a-D-ribofuranose	112		cis-Zeatin-9-glucoside	605
	Allyl 3-O-benzyl-a-D-glucopyranoside	49	C <sub>16</sub> H <sub>23</sub> N <sub>3</sub> O <sub>8</sub>	4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol-N-b-D-glucuronide	408
C <sub>16</sub> H <sub>22</sub> O <sub>6</sub> S	Ethyl 4,6-O-(4-methoxybenzylidene)-b-D-thiogalactopyranoside	250	C <sub>16</sub> H <sub>23</sub> NO <sub>9</sub> S	2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-thioglucofuranoside	20
C <sub>16</sub> H <sub>22</sub> O <sub>7</sub>	Raspberry ketone glucoside	490		2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-5-thio-a-D-glucopyranoside	20
	4-Methoxyphenyl 3,4-O-isopropylidene-b-D-galactopyranoside	368	C <sub>16</sub> H <sub>23</sub> BrO <sub>10</sub>	2-Bromoethyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside	125
	4-Methoxyphenyl 3-O-allyl-b-D-galactopyranoside	364	C <sub>16</sub> H <sub>23</sub> ClO <sub>10</sub>	2-Chloroethyl-2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside	145
C <sub>16</sub> H <sub>22</sub> O <sub>7</sub> S	Methyl 2,3-O-isopropylidene-5-O-p-toluenesulfonyl-b-D-ribofuranoside	404	C <sub>16</sub> H <sub>23</sub> O <sub>10</sub>	2-Iodoethyl 2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside	329
C <sub>16</sub> H <sub>22</sub> O <sub>8</sub>	Coniferin	150	C <sub>16</sub> H <sub>23</sub> NO <sub>10</sub>	2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-mannopyranoside	20
C <sub>16</sub> H <sub>22</sub> O <sub>8</sub> S	6-O-Tosyl-2,3-O-isopropylidene-a-L-sorbofuranose	561		2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-glucopyranose	20
C <sub>16</sub> H <sub>22</sub> O <sub>9</sub>	Methyl 3,4,5-tri-O-acetyl-2,6-anhydro-7,8,9-trideoxy-D-glycero-L-galacto-non-8-enonate	417		2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-a-D-glucopyranose	20
C <sub>16</sub> H <sub>22</sub> N <sub>2</sub> O <sub>9</sub>	1-O-(3-Hydroxykynurenine)-b-D-glucopyranoside	316		2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-D-galactopyranose	19
C <sub>16</sub> H <sub>22</sub> O <sub>10</sub>	Swertiamarin	509		2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-b-D-galactopyranose	19
	Allyl 2,3,4-tri-O-acetyl-b-D-galacturonide methyl ester	52		2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-a-D-galactopyranose	19
C <sub>16</sub> H <sub>22</sub> N <sub>2</sub> O <sub>10</sub>	2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy-D-glucohydroximo-1,5-lactone	20	C <sub>16</sub> H <sub>23</sub> N <sub>3</sub> O <sub>10</sub>	2-Azidoethyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside	94
C <sub>16</sub> H <sub>22</sub> N <sub>4</sub> O <sub>10</sub>	1,3,4,6-Tetra-O-acetyl-N-azidoacetylmannosamine	515		2-Azidoethyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside	94
	1,3,4,6-Tetra-O-acetyl-N-azidoacetylglucosamine	515	C <sub>16</sub> H <sub>23</sub> N <sub>5</sub> O <sub>15</sub> P <sub>2</sub> Na <sub>2</sub>	GDP-L-fucose disodium salt - low endotoxin grade	281
	1,3,4,6-Tetra-O-acetyl-N-azidoacetylgalactosamine	515		GDP-L-fucose disodium salt	281
C <sub>16</sub> H <sub>22</sub> O <sub>10</sub> S	1,2,3,4-Tetra-O-acetyl-6-S-acetyl-6-deoxy-6-thio-b-D-glucopyranose	513	C <sub>16</sub> H <sub>23</sub> N <sub>5</sub> O <sub>15</sub> P <sub>2</sub> 2Na	ADP-D-glucose disodium salt	45
	1,2,3,4,6-Penta-O-acetyl-5-thio-D-glucose	453	C <sub>16</sub> H <sub>23</sub> N <sub>5</sub> O <sub>16</sub> P <sub>2</sub> Na <sub>2</sub>	GDP-D-mannose disodium salt	281
	1,2,3,4,6-Penta-O-acetyl-5-thio-a-D-glucopyranose	453		GDP-L-galactose sodium salt	281
	1,2,3,4,6-Penta-O-acetyl-5-thio-D-galactose	453	C <sub>16</sub> H <sub>24</sub> O <sub>6</sub>	Thymol-b-D-glucopyranoside	558
	1,2,3,4,6-Penta-O-acetyl-a-D-thiogalactopyranose	452		Methyl 6-O-benzyl-2,3-di-O-methyl-a-D-glucopyranoside	379
			C <sub>16</sub> H <sub>24</sub> O <sub>7</sub>	1,2,3,4-Di-O-isopropylidene-6-O-methacryloyl-a-D-galactopyranose	223
				2,3,4,5-Di-O-isopropylidene-1-O-methacryloyl-b-D-fructopyranose - Stabilised with Mono Methyl Ether of Hydroquinone	223
			C <sub>16</sub> H <sub>22</sub> N <sub>2</sub> O <sub>6</sub> ·xH <sub>2</sub> O	Nicotine-N-b-D-glucuronide hydrate	439
			C <sub>16</sub> H <sub>24</sub> O <sub>8</sub>	Ixoroside	343
			C <sub>16</sub> H <sub>24</sub> N <sub>4</sub> O <sub>9</sub>	2-Azidoethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	94
			C <sub>16</sub> H <sub>24</sub> O <sub>9</sub> S	Ethyl 2,3,4,6-tetra-O-acetyl-D-thiomannopyranoside - min 80% a-anomer	251

Formula	Product Name	Page
C <sub>16</sub> H <sub>24</sub> O <sub>9</sub> S	Ethyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucofuranoside	251
	Ethyl 2,3,4,6-tetra-O-acetyl-a-D-thioglucofuranoside	251
	Ethyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside	251
	Ethyl 2,3,4,6-tetra-O-acetyl-a-D-thiogalactopyranoside	251
C <sub>16</sub> H <sub>24</sub> O <sub>10</sub>	3,4,6-Tri-O-acetyl-a-D-glucopyranose 1,2-(ethyl orthoacetate)	571
	3,4,6-Tri-O-acetyl-1,2-O-ethoxyethylidene-b-D-mannopyranose	569
	3,4,6-Tri-O-acetyl-1,2-O-ethoxyethylidene-a-D-fructopyranose	569
	Ethyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside	250
C <sub>16</sub> H <sub>24</sub> N <sub>2</sub> O <sub>10</sub>	1,3,4,6-Tetra-O-acetyl-2-[(2-aminoacetyl)amino]-2-deoxy-b-D-glucopyranose	514
	1,3,4,6-Tetra-O-acetyl-2-[(2-aminoacetyl)amino]-2-deoxy-a-D-glucopyranose	514
C <sub>16</sub> H <sub>24</sub> N <sub>2</sub> O <sub>16</sub> P <sub>2</sub> Na <sub>2</sub>	Thymidine-5'-diphosphate-D-glucose disodium salt	558
C <sub>16</sub> H <sub>25</sub> N <sub>5</sub> O <sub>6</sub>	Dihydrozeatin-9-glucoside	216
C <sub>16</sub> H <sub>25</sub> NO <sub>6</sub> S	Ethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-thioglucofuranoside	241
	Ethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-thioglucofuranoside	241
C <sub>16</sub> H <sub>25</sub> NO <sub>9</sub>	Ethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	241
C <sub>16</sub> H <sub>25</sub> N <sub>3</sub> O <sub>9</sub>	5'-O-(2-Amino-2-deoxy-D-glucopyranosyl)-thymidine	59
C <sub>16</sub> H <sub>25</sub> NO <sub>12</sub>	7,9-Di-O-acetyl-N-glycolyl-8-O-methylneuraminic acid	194
C <sub>16</sub> H <sub>25</sub> N <sub>5</sub> O <sub>15</sub> P <sub>2</sub>	GDP-D-galactose	281
C <sub>16</sub> H <sub>25</sub> N <sub>5</sub> O <sub>16</sub> P <sub>2</sub> ·xNa	GDP-D-glucose sodium salt	281
C <sub>16</sub> H <sub>26</sub> O <sub>7</sub>	Picrocrocin	476
C <sub>16</sub> H <sub>26</sub> N <sub>2</sub> O <sub>9</sub>	5-(Acetylamino)-2,6-anhydro-3,4,5-trideoxy-4-[[[(1,1-dimethylethoxy)carbonyl]amino]-D-glycero-D-galacto-non-2-enonic acid	27
C <sub>16</sub> H <sub>26</sub> O <sub>5</sub> Si	6-O-Triisopropylsilyl-3,4-O-carbonyl-D-galactal	592
C <sub>16</sub> H <sub>26</sub> O <sub>6</sub>	Methyl 2-deoxy-3,5-di-O-pivaloyl-a-D-ribofuranoside	385
	Geranyl b-D-glucoside	282
C <sub>16</sub> H <sub>28</sub> O <sub>7</sub>	Methyl 3,5-di-O-pivaloyl-D-xylofuranoside	397
C <sub>16</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub> Si	5-O-tert-Butyldimethylsilyl-N-cyanomethyl-1,4-dideoxy-1,4-imino-2,3-O-isopropylidene-D-ribose	129
C <sub>16</sub> H <sub>30</sub> O <sub>6</sub>	L-Menthylglucoside	360
	4-Cyclohexylbutyl-b-D-glucopyranoside	155
C <sub>16</sub> H <sub>23</sub> N <sub>5</sub> O <sub>16</sub> P <sub>2</sub> ·N <sub>2</sub> H <sub>8</sub>	GDP-D-mannose diammonium salt	281
C <sub>16</sub> H <sub>32</sub> O <sub>6</sub>	Decyl D-glucopyranoside	160
	Decyl a-D-glucopyranoside	160
C <sub>17</sub> H <sub>19</sub> N <sub>5</sub> O <sub>6</sub>	8-(Benzoyloxy)guanosine	119
C <sub>17</sub> H <sub>19</sub> FO <sub>7</sub>	1,2-Di-O-acetyl-3-deoxy-3-fluoro-5-toluoyl-D-ribofuranose	194
C <sub>17</sub> H <sub>19</sub> NO <sub>7</sub>	Allyl 2-deoxy-2-phthalimido-b-D-glucopyranoside	50
C <sub>17</sub> H <sub>19</sub> N <sub>3</sub> O <sub>7</sub>	1,2-Di-O-acetyl-3-azido-3-deoxy-5-O-toluoyl-D-ribofuranose	192
C <sub>17</sub> H <sub>19</sub> NO <sub>8</sub>	Benzyl 2,3-di-O-acetyl-4-deoxy-4-C-nitromethylene-b-D-arabinopyranoside	107
C <sub>17</sub> H <sub>20</sub> O <sub>6</sub>	3,6-Di-O-acetyl-4-O-benzyl-D-galactal	193
C <sub>17</sub> H <sub>20</sub> O <sub>7</sub>	1,2-O-Di-O-acetyl-5-O-benzoyl-3-deoxy-3C-methyl-D-ribofuranose	192
	2,4-Di-O-acetyl-1,6-anhydro-3-O-benzyl-b-L-idopyranose	191
C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> O <sub>7</sub>	1-O-(trans-3-Hydroxycotinine)-4-deoxy-4,5-didehydro-b-D-glucuronide methyl ester	311
C <sub>17</sub> H <sub>20</sub> O <sub>8</sub>	1,2-O-Di-O-acetyl-5-O-benzoyl-3-O-methyl-D-ribofuranose	193
C <sub>17</sub> H <sub>20</sub> O <sub>9</sub> S	3,4-Di-O-acetyl-1,6-anhydro-2-O-p-toluenesulfonyl-b-D-glucopyranose	192
C <sub>17</sub> H <sub>20</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>11</sub>	Chloramphenicol glucuronide	141
C <sub>17</sub> H <sub>21</sub> NO <sub>6</sub> S	Methyl 5-N-4-O-Carbonyl-3,5-dideoxy-2-S-phenyl-2-thio-D-glycero-b-D-galacto-2-nonulopyranosylonate	383

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C <sub>17</sub> H <sub>22</sub> O <sub>6</sub>	Methyl 3-O-allyl-4,6-O-benzylidene-a-D-mannopyranoside	375
	Methyl 2-O-allyl-4,6-O-benzylidene-a-D-mannopyranoside	375
C <sub>17</sub> H <sub>22</sub> O <sub>7</sub>	3,4-Di-O-acetyl-2-O-benzyl-L-rhamnopyranoside	193
C <sub>17</sub> H <sub>22</sub> O <sub>8</sub> S	5-O-Carbomethoxy-1,2-O-isopropylidene-3-O-p-toluenesulfonyl-a-D-xylofuranose	136
C <sub>17</sub> H <sub>22</sub> O <sub>10</sub>	1-O-Sinapoyl-b-D-glucose	504
	2-Propenyl-2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside	483
C <sub>17</sub> H <sub>22</sub> N <sub>2</sub> O <sub>10</sub>	1-Acetamido-2,3,4,6-tetra-O-acetyl-1-deoxy-b-D-galactopyranosyl cyanide	19
C <sub>17</sub> H <sub>22</sub> N <sub>2</sub> O <sub>10</sub> Cl <sub>2</sub>	Chloramphenicol 1-O-b-D-galactopyranoside	141
C <sub>17</sub> H <sub>23</sub> NO <sub>5</sub>	1,2,3,4-Di-O-isopropylidene-6-deoxy-6-C-(2-pyridyl)-D-galactopyranose	218
C <sub>17</sub> H <sub>23</sub> ClO <sub>6</sub>	4-Chloro-2-cyclopentylphenyl b-D-galactopyranoside	141
C <sub>17</sub> H <sub>23</sub> NO <sub>7</sub>	Methyl 2-acetamido-2-deoxy-4,6-(4-methoxybenzylidene)-a-D-galactopyranoside	372
	N-Acetyl-4,6-(p-methoxybenzylidene)-2-deoxy-1-O-methyl-a-D-galactosamine	38
C <sub>17</sub> H <sub>24</sub> N <sub>2</sub> O <sub>4</sub>	5-(S-2-Pyridin-3-yl-pyrrolidine)-1-yl-5-deoxy-1,2-isopropylidene-a-D-xylofuranose	485
	5-(R-2-Pyridin-3-yl-pyrrolidine)-1-yl-5-deoxy-1,2-isopropylidene-a-D-xylofuranose	485
	5-Deoxy-1,2-O-isopropylidene-5-[(2S-pyridin-4-yl-pyrrolidine)-1-yl]-a-D-xylofuranose	178
	5-Deoxy-1,2-O-isopropylidene-5-[(2S-pyridin-2-yl-pyrrolidine)-1-yl]-a-D-xylofuranose	178
	5-Deoxy-1,2-O-isopropylidene-5-[(2R-pyridin-4-yl-pyrrolidine)-1-yl]-a-D-xylofuranose	178
	5-Deoxy-1,2-O-isopropylidene-5-[(2R-pyridin-2-yl-pyrrolidine)-1-yl]-a-D-xylofuranose	178
C <sub>17</sub> H <sub>24</sub> O <sub>7</sub>	Benzyl 2,3-O-isopropylidene-L-glycero-a-D-mannoheptofuranoside	115
C <sub>17</sub> H <sub>24</sub> O <sub>9</sub>	Syringin	510
C <sub>17</sub> H <sub>24</sub> O <sub>10</sub>	Verbenalin	601
	1,2,4,6-Tetra-O-acetyl-3-O-allyl-b-D-glucopyranose	514
	Geniposide	282
	Allyl 2,3,4,6-Tetra-O-acetyl-a-D-mannopyranoside	52
	Allyl 2,3,4,6-Tetra-O-acetyl-b-D-glucopyranoside	52
C <sub>17</sub> H <sub>24</sub> O <sub>10</sub> S <sub>2</sub>	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl ethylxanthate	535
	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl ethylxanthate	529
	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl ethylxanthate	524
C <sub>17</sub> H <sub>24</sub> O <sub>11</sub>	Secoxyloganin	501
	Gardenoside	280
	Deacetylasperulosidic acid methyl ester	159
C <sub>17</sub> H <sub>24</sub> O <sub>11</sub> S	3-[(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl)thio]-propanoic acid	531
	3-[(2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl)thio]-propanoic acid	526
C <sub>17</sub> H <sub>25</sub> NO <sub>6</sub>	Phenylpropyl 2-acetamido-2-deoxy-b-D-glucopyranoside	469
C <sub>17</sub> H <sub>25</sub> NO <sub>9</sub>	Allyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	48
C <sub>17</sub> H <sub>25</sub> N <sub>2</sub> O <sub>9</sub> P	4-O-Acetyl-2,5-anhydro-1,3-O-isopropylidene-6-[bis(2-cyanoethyl)phosphoryl]-D-glucitol	29
C <sub>17</sub> H <sub>25</sub> N <sub>3</sub> O <sub>10</sub>	3-Azidopropyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside	95
C <sub>17</sub> H <sub>25</sub> NO <sub>10</sub> S	Propionyl 3,4,6-tri-O-acetyl-2-acetamido-2-deoxy-b-D-thiogalactopyranoside	480
C <sub>17</sub> H <sub>25</sub> N <sub>3</sub> O <sub>17</sub> P <sub>2</sub> Na <sub>2</sub>	UDP-N-acetyl-D-glucosamine disodium salt	595
C <sub>17</sub> H <sub>25</sub> N <sub>3</sub> Na <sub>2</sub> O <sub>17</sub> P <sub>2</sub>	UDP-N-acetyl-D-galactosamine disodium salt	594
C <sub>17</sub> H <sub>26</sub> O <sub>9</sub> S	Isopropyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucofuranoside	341
C <sub>17</sub> H <sub>26</sub> O <sub>10</sub>	Loganin	349
C <sub>17</sub> H <sub>26</sub> O <sub>11</sub>	Morroniside	432
C <sub>17</sub> H <sub>26</sub> O <sub>12</sub>	b-Glucosylglycerol 2,3,4,6-tetraacetate	300

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C<sub>18</sub>H<sub>31</sub>ClN<sub>2</sub>O<sub>5</sub>S

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>17</sub> H <sub>26</sub> N <sub>2</sub> O <sub>12</sub> S <sub>2</sub>	2,3,4,6-Tetra-O-acetyl-N-(b-D-galactopyranosyl)-N'-[(2-methanethiosulfonyl)ethyl]urea	526	C <sub>18</sub> H <sub>24</sub> N <sub>4</sub> O <sub>5</sub>	2-Azido-4,6-O-benzylidene-N-(tert-butoxycarbonyl)-1,2,5-trideoxy-1,5-imino-D-glucitol	89
C <sub>17</sub> H <sub>27</sub> NO <sub>8</sub>	N-(3,4,6-Tri-O-acetyl-b-D-glucopyranosyl)piperidine	571	C <sub>18</sub> H <sub>24</sub> O <sub>6</sub>	Allyl 2-O-acetyl-3-O-benzyl-a-L-rhamnopyranoside	48
C <sub>17</sub> H <sub>27</sub> NO <sub>9</sub>	Propyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	482	C <sub>18</sub> H <sub>24</sub> O <sub>8</sub>	6-O-Benzyl-2,3-di-O-acetyl-methyl-a-D-glucopyranoside	108
	Isopropyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	331	C <sub>18</sub> H <sub>24</sub> N <sub>2</sub> O <sub>11</sub>	5-Acetamino-4-hydroxy-2-(4-nitro-phenoxy)-6-(1,2,3-trihydroxy-propyl)-tetrahydro-pyran-2-carboxylic acid methyl ester	25
C <sub>17</sub> H <sub>27</sub> N <sub>3</sub> O <sub>17</sub> P <sub>2</sub>	UDP-N-acetyl-D-mannosamine	595	C <sub>18</sub> H <sub>24</sub> O <sub>12</sub>	1,2,3,4,5,6-Hexa-O-acetyl-myo-inositol	309
C <sub>17</sub> H <sub>28</sub> O <sub>4</sub> Si	1,3-O-Benzylidene-4-O-t-butyl-dimethylsilyl-D-threitol	113	C <sub>18</sub> H <sub>25</sub> NO <sub>4</sub>	5-(S-2-Phenyl-pyrrolidine)-1-yl-5-deoxy-1,2-isopropylidene-a-D-xylofuranose	469
C <sub>17</sub> H <sub>28</sub> O <sub>8</sub>	Methyl 2,3,4,5,6,7-Tri-O-isopropylidene-D-glycero-D-talo-heptonate	428		5-(R-2-Phenyl-pyrrolidine)-1-yl-5-deoxy-1,2-isopropylidene-a-D-xylofuranose	469
C <sub>17</sub> H <sub>29</sub> NO <sub>9</sub>	N-Acetyl-a-D-galactosamine-PEG3-alkyne	34		5-Deoxy-1,2-O-isopropylidene-5-[(2S-phenylpyrrolidine)-1-yl]-a-D-xylofuranose	177
C <sub>17</sub> H <sub>29</sub> N <sub>3</sub> O <sub>10</sub>	N-omega-(2-Acetamido-2-deoxy-b-D-glucopyranosyl)-N-a-Boc-L-asparagine	446		5-Deoxy-1,2-O-isopropylidene-5-[(2R-phenylpyrrolidine)-1-yl]-a-D-xylofuranose	177
C <sub>17</sub> H <sub>36</sub> O <sub>3</sub> Si <sub>2</sub>	1,4-Anhydro-2-deoxy-3,5-bis-O-(t-butyl-dimethylsilyl)-D-erythro-pent-1-enitol	71	C <sub>18</sub> H <sub>25</sub> NO <sub>6</sub>	4,6-O-Benzylidene-N-Boc-1,5-imino-D-glucitol	112
C <sub>17</sub> H <sub>36</sub> O <sub>4</sub> Si <sub>2</sub>	3,5-Di-O-(tert-butyl-dimethylsilyl)-2-deoxy-D-ribo-1,4-lactone	204		Benzyl 2-acetamido-2-deoxy-4,6-O-isopropylidene-b-D-glucopyranoside	101
C <sub>18</sub> H <sub>14</sub> NO <sub>8</sub> D <sub>11</sub>	Ciclopirox-D11 D-glucuronide	147		Benzyl 2-acetamido-2-deoxy-4,6-O-isopropylidene-a-D-glucopyranoside	101
C <sub>18</sub> H <sub>17</sub> NO <sub>9</sub>	1-O-(5-Carboxy-N-phenyl-2-(1H)-pyridone)-D-glucuronide	137		Allyl 2-acetamido-3-O-benzyl-2-deoxy-b-D-glucopyranoside	47
C <sub>18</sub> H <sub>18</sub> O <sub>4</sub>	2,3-Di-O-benzyl-L-threonine acid-1,4-lactone	203	C <sub>18</sub> H <sub>25</sub> NaO <sub>7</sub>	Propofol b-D-glucuronide sodium salt	481
C <sub>18</sub> H <sub>19</sub> ClN <sub>2</sub> O <sub>11</sub> S	Furosemide acyl-b-D-glucuronide	270	C <sub>18</sub> H <sub>25</sub> NO <sub>8</sub>	Ciclopirox-D-glucuronide	147
C <sub>18</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>12</sub>	2,4-Dinitrophenyl 3,4,6-tri-O-acetyl-2-deoxy-2-fluoro-b-D-galactoside	229	C <sub>18</sub> H <sub>25</sub> NO <sub>10</sub>	2,3,4,6-Tetra-O-acetyl linamarin	533
C <sub>18</sub> H <sub>19</sub> O <sub>12</sub> SF <sub>9</sub>	1,3,4,6-Tetra-O-acetyl-2-O-nonafuorobutanesulfonyl-b-D-mannopyranose	536	C <sub>18</sub> H <sub>25</sub> NO <sub>11</sub> S	1,3,4,6-Tetra-O-acetyl-2-[[2-(acetylthio)acetyl]amino]-2-deoxy-D-galactopyranose	513
C <sub>18</sub> H <sub>20</sub> N <sub>4</sub> O <sub>10</sub>	4-Nitrophenyl 3,4,6-tri-O-acetyl-2-azido-2-deoxy-a-D-galactopyranoside	441	C <sub>18</sub> H <sub>26</sub> N <sub>2</sub> O <sub>5</sub>	5-Deoxy-1,2-O-isopropylidene-5-(3-phenylpiperizin-1-yl)-a-D-xylofuranose	177
C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> O <sub>5</sub>	N6-Benzyladenine-7-glucoside	104	C <sub>18</sub> H <sub>26</sub> O <sub>6</sub> S	Phenyl 3,4-O-(2',3'-dimethoxybutan-2',3'-diyl)-a-L-thiorhamnopyranoside	466
	N6-Benzyladenine-3-glucoside	104	C <sub>18</sub> H <sub>26</sub> O <sub>7</sub>	Propofol-b-D-glucuronide	481
C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> O <sub>6</sub>	p-Topolin-9-glucoside	561		Benzyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-a-L-xylopyranoside	110
	o-Topolin-9-glucoside	561		Benzyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-b-D-arabinopyranoside	109
	m-Topolin-9-glucoside	561	C <sub>18</sub> H <sub>26</sub> O <sub>7</sub> S	1-O-Tosyl-2,3,4,5-di-O-isopropylidene-L-arabinitol	561
C <sub>18</sub> H <sub>22</sub> O <sub>4</sub>	(+)-1,4-Di-O-benzyl-D-threitol	203	C <sub>18</sub> H <sub>26</sub> O <sub>8</sub>	Propofol-4-Hydroxy-4-D-glucuronide	481
	(-)-1,4-Di-O-benzyl-L-threitol	203		Propofol-4-Hydroxy-1-D-glucuronide	481
C <sub>18</sub> H <sub>22</sub> N <sub>4</sub> O <sub>5</sub>	2-Acetamido-3-O-allyl-4,6-O-benzylidene-2-deoxy-b-D-glucopyranosyl azide	9		4-Hydroxypropofol-4-O-b-D-glucuronide	320
C <sub>18</sub> H <sub>22</sub> O <sub>7</sub>	(1R,3S,4R,8S)-3-Acetoxy-1-acetoxymethyl-8-benzloxy-2,6-dioxabicyclo[3,2,1]octane	26		4-Hydroxypropofol 1-O-b-D-glucuronide	320
C <sub>18</sub> H <sub>22</sub> O <sub>7</sub> S	Phenyl 2,3,4-tri-O-acetyl-a-L-thiorhamnopyranoside	473	C <sub>18</sub> H <sub>26</sub> O <sub>10</sub> S <sub>2</sub>	3-O-Benzyl 4-C-(methanesulfonyloxymethyl)-5-O-methanesulfonyl-1,2-O-isopropylidene-a-D-ribofuranose	118
C <sub>18</sub> H <sub>22</sub> O <sub>8</sub>	Methyl 2,3-di-O-acetyl-4,6-O-benzylidene-a-D-mannopyranoside	390	C <sub>18</sub> H <sub>26</sub> O <sub>11</sub> S	2-(Acetylthio)ethyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside	42
	Methyl 2,3-di-O-acetyl-4,6-O-benzylidene-a-D-glucopyranoside	389	C <sub>18</sub> H <sub>26</sub> O <sub>12</sub>	D-Sorbitol hexaacetate	506
	Methyl 2,3-di-O-acetyl-4,6-O-benzylidene-a-D-galactopyranoside	389		1,2,3,4,5,6-Hexa-O-acetyl-D-mannitol	309
C <sub>18</sub> H <sub>22</sub> N <sub>2</sub> O <sub>8</sub>	N-Acetylserotonin b-D-glucuronide	41		1,2,3,4,5,6-Hexa-O-acetyl-L-iditol	309
C <sub>18</sub> H <sub>22</sub> N <sub>3</sub> N <sub>3</sub> O <sub>8</sub>	Metrizamide	430	C <sub>18</sub> H <sub>26</sub> O <sub>6</sub>	2,3,4,6-Di-O-cyclohexylidene-a-D-mannopyranose	206
C <sub>18</sub> H <sub>23</sub> NO <sub>5</sub>	2,3-Anhydro-4,6-O-benzylidene-N-(tert-butoxycarbonyl)-1,5-deoxy-1,5-imino-D-glucitol	70		1,2,5,6-Di-O-cyclohexylidene-a-D-glucufuranose	206
	2,3-Anhydro-4,6-O-benzylidene-N-Boc-1,5-deoxy-1,5-imino-D-glucitol	70		1,2,4,5-Di-O-cyclohexylidene-b-D-fructopyranose	206
C <sub>18</sub> H <sub>23</sub> ClO <sub>6</sub>	Allyl 3-O-benzyl-2-O-chloroacetyl-a-L-rhamnopyranoside	48		1,2,4,5-Biscyclohexylidene-DL-myo-inositol	122
C <sub>18</sub> H <sub>23</sub> NO <sub>6</sub>	Allyl 2-acetamido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside	47		1,2,4,5-Biscyclohexylidene D-myo-inositol	122
	Allyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-glucopyranoside	48	C <sub>18</sub> H <sub>28</sub> O <sub>7</sub>	1,2,5,6-Di-O-cyclohexylidene-a-D-ribohexofuranos-3-ulosose hydrate	207
C <sub>18</sub> H <sub>23</sub> FO <sub>7</sub>	1,2-Di-O-acetyl-3-deoxy-3-fluoro-5-O-toluoyl-D-ribofuranose	194	C <sub>18</sub> H <sub>29</sub> NO <sub>6</sub>	Memantine N-b-D-glucuronide	360
C <sub>18</sub> H <sub>23</sub> NO <sub>8</sub> S	N-(4'-Sulfamidophenyl)-1,2,3,4-di-O-isopropylidene-a-D-galactopyranosyluronamide	509	C <sub>18</sub> H <sub>29</sub> NO <sub>9</sub>	tert-Butyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	128
C <sub>18</sub> H <sub>23</sub> N <sub>5</sub> O <sub>9</sub>	Entecavir 3'-O-b-D-glucuronide	234		Butyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	127
C <sub>18</sub> H <sub>23</sub> NO <sub>12</sub>	O-(2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl)-N-hydroxysuccinimide	530		1,2,5,6-Di-O-cyclohexylidene-D-mannitol	206
	O-(2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl)-N-hydroxysuccinimide	525	C <sub>18</sub> H <sub>31</sub> NO <sub>5</sub>	5-Amino-5-deoxy-1,2-O-isopropylidene-6-O-trityl-a-D-galactofuranose	60
	O-(2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl)-N-hydroxysuccinimide	24	C <sub>18</sub> H <sub>31</sub> ClN <sub>2</sub> O <sub>5</sub> S	Dehydroclindamycin	161

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C <sub>18</sub> H <sub>31</sub> NO <sub>13</sub> S	Topiramate-D-galactopyranose	560
C <sub>18</sub> H <sub>32</sub> NaO <sub>6</sub>	Glucosepane	298
C <sub>18</sub> H <sub>32</sub> O <sub>10</sub>	3,4-O-[(1R,2R)-1,2-Dimethoxy-1,2-dimethyl-1,2-ethanediyl]-1,6-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-D-myo-inositol	226
C <sub>18</sub> H <sub>34</sub> O <sub>7</sub>	1-O-Lauroyl-D-glucopyranose	347
C <sub>18</sub> H <sub>34</sub> O <sub>13</sub>	Digalactosyl diglyceride	212
C <sub>18</sub> H <sub>36</sub> O <sub>4</sub> Si <sub>2</sub>	3,4-O-(1',1',3',3'-Tetraisopropyl-1,3-disiloxanediyl)-L-rhamnol	552
C <sub>18</sub> H <sub>36</sub> O <sub>5</sub> S	Dodecyl α-D-thiomannopyranoside	232
C <sub>18</sub> H <sub>37</sub> NO	N-Dodecyldeoxyxojirimycin	232
CaH <sub>11</sub> O <sub>9</sub> P·C <sub>12</sub> H <sub>28</sub> N <sub>2</sub>	α-D-Mannose-1-phosphate bis(cyclohexylammonium) salt	358
C <sub>18</sub> H <sub>42</sub> O <sub>6</sub> Si <sub>4</sub>	2,3,5,6-Tetra-O-(trimethylsilyl)-D-glucono-1,4-lactone	555
	2,3,4,6-Tetra-O-(trimethylsilyl)-D-glucono-1,5-lactone	554
C <sub>5</sub> <sup>13</sup> CH <sub>12</sub> O <sub>6</sub>	L-[6- <sup>13</sup> C]Sorbitose	507
C <sub>19</sub> H <sub>14</sub> F <sub>2</sub> O <sub>6</sub>	3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-D-ribonic acid-1,4-lactone	199
	2-Deoxy-2,2-difluoro-D-threo-pentofuranos-1-ulose-3,5-dibenzoate	164
C <sub>19</sub> H <sub>15</sub> Cl <sub>4</sub> FO <sub>4</sub>	Methyl 2-deoxy-3,5-bis-O-(3,5-dichlorophenyl)-2E-(fluoromethylene)-α-D-erythro-pentofuranoside	385
C <sub>19</sub> H <sub>15</sub> Cl <sub>3</sub> O <sub>5</sub>	1-Chloro-3,5-di-O-(4-chlorobenzoyl)-2-deoxy-D-ribofuranose	145
	1-Chloro-3,5-di-O-(4-chlorobenzoyl)-2-deoxy-α-D-ribofuranose	145
C <sub>19</sub> H <sub>15</sub> ClN <sub>2</sub> O <sub>9</sub>	1-Chloro-2-deoxy-3,5-di-O-p-nitrobenzoyl-D-ribofuranose	143
C <sub>19</sub> H <sub>16</sub> BrFO <sub>5</sub>	3,5-Di-O-benzoyl-2-deoxy-2-fluoro-α-D-arabinofuranosyl bromide	199
C <sub>19</sub> H <sub>16</sub> F <sub>2</sub> O <sub>6</sub>	3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-D-ribofuranose	199
C <sub>19</sub> H <sub>17</sub> ClO <sub>5</sub>	1-Chloro-2-deoxy-3,5-di-O-benzoyl-α-D-ribofuranose	142
C <sub>19</sub> H <sub>18</sub> O <sub>6</sub>	3,5-di-O-Benzoyl-2-deoxyribofuranose	200
C <sub>19</sub> H <sub>18</sub> O <sub>11</sub>	Mangiferin - 90%	354
C <sub>19</sub> H <sub>19</sub> FO <sub>4</sub>	3,5-Di-O-benzyl-2-deoxy-2-fluoro-D-ribo-1,4-lactone	201
C <sub>19</sub> H <sub>19</sub> N <sub>5</sub> O <sub>5</sub>	O <sub>6</sub> -Benzyl-N <sub>2</sub> ,3-etheno guanosine	110
C <sub>19</sub> H <sub>20</sub> O <sub>5</sub>	Methyl 2-deoxy-5-O-(4-phenylbenzoyl)-α-D-ribofuranoside	371
C <sub>19</sub> H <sub>20</sub> O <sub>5</sub> S	Phenyl 4,6-O-benzylidene-α-D-thiomannopyranoside	463
	Phenyl 4,6-O-benzylidene-β-D-thioglucofuranoside	463
	Phenyl 4,6-O-benzylidene-α-D-thioglucofuranoside	463
	Phenyl 4,6-O-benzylidene-β-D-thiogalactopyranoside	463
C <sub>19</sub> H <sub>20</sub> O <sub>6</sub>	Phenyl 4,6-O-benzylidene-β-D-glucopyranoside	463
C <sub>19</sub> H <sub>18</sub> O <sub>5</sub> ·H <sub>2</sub> O	2,4:3,5-Di-O-benzylidene-aldehyde-D-ribose hydrate	202
C <sub>19</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub>	2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine N-β-D-glucuronide	64
C <sub>19</sub> H <sub>21</sub> NO <sub>6</sub>	(4R)-Benzyl-4-deoxy-4-C-nitrophenyl-β-D-arabinopyranoside	107
C <sub>19</sub> H <sub>22</sub> O <sub>4</sub> S	Phenyl 2-O-benzyl-α-L-thiorhamnopyranoside	464
C <sub>19</sub> H <sub>22</sub> O <sub>9</sub>	1,2,3-Tri-O-acetyl-4,6-O-benzylidene-α-D-mannopyranose	565
	Tri-O-acetyl-4,6-O-benzylidene-D-glucopyranose	565
	1,2,3-Tri-O-acetyl-4,6-O-benzylidene-β-D-glucopyranose	565
	1,2,3-Tri-O-acetyl-4,6-O-benzylidene-β-D-galactopyranose	565
	Alcoeresin	53
C <sub>19</sub> H <sub>22</sub> O <sub>9</sub> S	Methyl (Phenyl 2,3,4-Tri-O-acetyl-1-thio-β-D-glucopyranosid)uronate	412
C <sub>19</sub> H <sub>23</sub> NO <sub>4</sub>	N-Diphenylmethyl 2,5-anhydro-2,5-imino-D-glucitol	230
C <sub>19</sub> H <sub>23</sub> N <sub>3</sub> O <sub>5</sub>	Varenicline N-glucoside	601

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C <sub>19</sub> H <sub>23</sub> NO <sub>6</sub>	2-Naphthylmethyl 2-acetamido-2-deoxy-β-D-glucopyranoside	436
C <sub>19</sub> H <sub>23</sub> NaO <sub>6</sub>	p-Methoxytopolin-9-glucoside	371
	o-Methoxytopolin-9-glucoside	371
	m-Methoxytopolin-9-glucoside	370
C <sub>19</sub> H <sub>23</sub> NO <sub>8</sub>	2-Acetamido-1,3-di-O-acetyl-4,6-O-benzylidene-2-deoxy-D-glucopyranose	17
C <sub>19</sub> H <sub>23</sub> NO <sub>9</sub> S	2-Pyridyl 2,3,4,6-tetra-O-acetyl-β-D-thioglucofuranoside	485
C <sub>19</sub> H <sub>23</sub> NO <sub>10</sub>	Benzyl 2,3,4-tri-O-acetyl-4-nitromethyl-β-D-arabinopyranose	120
	4-Aminophenyl 2,3,4-tri-O-acetyl-β-D-glucuronide methyl ester	66
	2-Aminophenyl 2,3,4-tri-O-acetyl-β-D-glucuronide methyl ester	66
C <sub>19</sub> H <sub>24</sub> O <sub>6</sub>	Methyl 1-O-benzyl-2,3-O-isopropylidene-α-D-manno-hept-5-enofuranoside	382
C <sub>19</sub> H <sub>24</sub> O <sub>7</sub>	1-O-Benzoyl-2,3,5,6-di-O-isopropylidene-D-talofuranose	97
C <sub>19</sub> H <sub>24</sub> O <sub>9</sub>	Methyl 2,3-di-O-acetyl-4,6-O-(4-methoxybenzylidene)-α-D-mannopyranoside	391
	Methyl 2,3-di-O-acetyl-4,6-O-(4-methoxybenzylidene)-α-D-glucopyranoside	390
	Methyl 2,3-di-O-acetyl-4,6-O-(4-methoxybenzylidene)-α-D-galactopyranoside	390
C <sub>19</sub> H <sub>24</sub> O <sub>10</sub>	4-Methoxyphenyl 2,4,6-tri-O-acetyl-β-D-galactopyranoside	370
C <sub>19</sub> H <sub>24</sub> O <sub>10</sub> S	3-O-Acetyl-6-O-benzoyl-5-O-methylsulfanyl-1,2-O-isopropylidene-α-D-glucofuranose	29
C <sub>19</sub> H <sub>25</sub> NO <sub>8</sub>	2,4,6-Tri-O-acetyl-3-O-benzyl-β-D-glucopyranosylamine	565
	Benzyl 2-acetamido-4,6-di-O-acetyl-2-deoxy-α-D-glucopyranoside	102
	Benzyl 2-acetamido-3,4-di-O-acetyl-2-deoxy-α-D-galactopyranoside	102
C <sub>19</sub> H <sub>26</sub> O <sub>6</sub>	1-O-Benzyl-2,3,4,6-di-O-isopropylidene-α-L-sorbofuranoside	109
	Benzyl 2,3,5,6-di-O-isopropylidene-α-D-mannofuranoside	109
	3-O-Benzyl-1,2,5,6-di-O-isopropylidene-α-D-glucofuranose	109
	3-O-Benzyl-1,2,5,6-di-O-isopropylidene-α-D-allofuranose	108
C <sub>19</sub> H <sub>26</sub> O <sub>8</sub>	Ibuprofen acyl-β-D-glucuronide	322
	Dexibuprofen acyl-β-D-glucuronide	190
C <sub>19</sub> H <sub>26</sub> O <sub>8</sub> S	1,2,5,6-Di-O-isopropylidene-3-O-tosyl-α-D-gulofuranose	224
	1,2,5,6-Di-O-isopropylidene-3-O-p-toluenesulfonyl-α-D-gulofuranose	224
	1,2,3,4-Di-O-isopropylidene-6-O-p-toluenesulfonyl-α-D-galactopyranose	224
	1,2,5,6-Di-O-isopropylidene-3-O-p-toluenesulfonyl-α-D-allofuranose	224
	1,2,3,4-Di-O-isopropylidene-6-deoxy-6-tosyl-α-D-galactopyranose	218
C <sub>19</sub> H <sub>27</sub> NO <sub>10</sub> S	Probenecid acyl β-D-glucuronide	479
C <sub>19</sub> H <sub>28</sub> O <sub>5</sub> Si	6-O-Benzoyl-3-O-tert-butylidimethylsilyl-D-glucal	97
	6-O-Benzoyl-3-O-tert-butylidimethylsilyl-D-galactal	97
C <sub>19</sub> H <sub>28</sub> O <sub>7</sub>	Propofol-D-glucuronide methyl ester	481
C <sub>19</sub> H <sub>28</sub> N <sub>2</sub> O <sub>7</sub>	2'-(N-Butylcarbamido)phenyl-2-acetamido-2-deoxy-β-D-glucopyranoside	128
C <sub>19</sub> H <sub>28</sub> O <sub>8</sub>	Benzyl 3,4-O-(2',3'-dimethoxybutane-2',3'-diyl)-α-D-mannopyranoside	109
C <sub>19</sub> H <sub>28</sub> O <sub>10</sub>	4-Penten-1-yl 2,3,4,6-tetra-O-acetyl-β-D-glucopyranoside	457
C <sub>19</sub> H <sub>29</sub> NO <sub>11</sub>	5-[(3,4,6-Tri-O-acetyl-2-acetylamido-2-deoxy-β-D-galactopyranosyl)oxy]pentanoic acid	562
C <sub>19</sub> H <sub>30</sub> O <sub>6</sub>	Dicyclohexylidene pinitol	207
C <sub>19</sub> H <sub>31</sub> NO <sub>9</sub>	tert-Amyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-β-D-glucopyranoside	69
	Amyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-β-D-glucopyranoside	68

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C<sub>20</sub>H<sub>25</sub>NO<sub>9</sub>

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C <sub>19</sub> H <sub>34</sub> O <sub>6</sub>	Octyl 4-O-acetyl-2,3-O-isopropylidene-a-L-rhamnopyranoside	444
C <sub>19</sub> H <sub>34</sub> O <sub>5</sub> Si	Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidimethylsilyl-a-D-mannopyranoside	418
	Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidimethylsilyl-a-D-glucopyranoside	418
	Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidimethylsilyl-a-D-galactopyranoside	418
C <sub>19</sub> H <sub>32</sub> N <sub>4</sub> O <sub>11</sub> ·xH <sub>2</sub> O	N-Acetylmuramyl-L-alanyl-D-isoglutamine hydrate	39
C <sub>19</sub> H <sub>38</sub> O <sub>6</sub> S	5-Deoxy-2-O-methanesulfonyl-5-tridecyl-D-ribofuranose	180
C <sub>20</sub> H <sub>17</sub> FO <sub>6</sub>	3,5-Di-O-benzoyl-2-deoxy-2-fluoro-2C-methyl-D-ribofuranose	200
C <sub>20</sub> H <sub>17</sub> Cl <sub>2</sub> FO <sub>6</sub>	3,5-Di-O-p-chlorobenzoyl-2-deoxy-2-fluoro-2C-methyl-D-ribofuranose	205
C <sub>20</sub> H <sub>18</sub> Cl <sub>4</sub> O <sub>5</sub>	Methyl 3,5-di-O-(2,4-dichlorobenzyl)-2-keto-a-D-ribofuranoside	396
C <sub>20</sub> H <sub>18</sub> Cl <sub>2</sub> O <sub>6</sub>	Methyl 3,5-di-O-(p-chlorobenzoyl)-2-deoxy-D-ribofuranoside	394
C <sub>20</sub> H <sub>18</sub> O <sub>8</sub>	2,4,3,5-Di-O-benzylidene-L-idaric acid	202
C <sub>20</sub> H <sub>18</sub> F <sub>2</sub> O <sub>8</sub> S	3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-1-O-methanesulfonyl-a-D-ribofuranoside - 98% alpha purity	199
	3,5-Di-O-benzoyl-2-deoxy-2,2-difluoro-1-O-methanesulfonyl-a-D-ribofuranoside - 75% alpha purity	199
C <sub>20</sub> H <sub>18</sub> O <sub>10</sub>	Kaempferol 3-O-a-L-arabinopyranoside	343
C <sub>20</sub> H <sub>18</sub> O <sub>11</sub>	Quercetin 3-O-xyloside	487
	Quercetin-3-O-a-L-arabinoside	485
C <sub>20</sub> H <sub>19</sub> Cl <sub>2</sub> NO <sub>8</sub>	Diclofenac acyl-D-glucuronide	206
C <sub>20</sub> H <sub>19</sub> ClO <sub>10</sub>	Cyanidin 3-xyloside	154
C <sub>20</sub> H <sub>19</sub> O <sub>10</sub> Cl	Cyanidin-3-O-arabinose chloride	152
C <sub>20</sub> H <sub>19</sub> Br <sub>2</sub> NO <sub>10</sub>	Bromoxynil 2,3,4-tri-O-acetyl-D-glucuronide methyl ester	126
C <sub>20</sub> H <sub>20</sub> Cl <sub>4</sub> O <sub>5</sub>	Methyl 3,5-di-O-(2,4-dichlorobenzyl)-a-D-ribofuranoside	396
C <sub>20</sub> H <sub>20</sub> O <sub>6</sub>	Methyl 2-deoxy-3,5-di-O-benzoyl-D-ribofuranoside	385
C <sub>20</sub> H <sub>20</sub> O <sub>7</sub>	2-O-Benzoyl-4,6-O-benzylidene-a-D-glucopyranoside	97
	2,5-Anhydro-4,6-di-O-benzoyl-D-glucitol	72
C <sub>20</sub> H <sub>20</sub> O <sub>9</sub>	trans-Resveratrol 4'-O-b-D-glucuronide	491
	cis-Resveratrol 4'-O-b-D-glucuronide	491
	trans-Resveratrol 4'-O-b-D-glucopyranoside	491
C <sub>20</sub> H <sub>20</sub> BrNO <sub>9</sub>	3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-D-glucopyranosyl bromide	567
C <sub>20</sub> H <sub>20</sub> ClNO <sub>9</sub>	3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl chloride	567
C <sub>20</sub> H <sub>20</sub> FNO <sub>9</sub>	3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl fluoride	568
	3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-a-D-glucopyranosyl fluoride	568
	3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-a-D-galactopyranosyl fluoride	567
C <sub>20</sub> H <sub>20</sub> N <sub>4</sub> O <sub>9</sub>	3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl azide	567
C <sub>20</sub> H <sub>21</sub> NO <sub>4</sub>	1,3,4,6-Di-O-benzylidene-2,5-dideoxy-2,5-imino-L-iditol	202
C <sub>20</sub> H <sub>21</sub> N <sub>3</sub> O <sub>6</sub>	4-Methoxyphenyl 2-azido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside	365
	4-Methoxyphenyl 2-azido-4,6-O-benzylidene-2-deoxy-b-D-galactopyranoside	365
C <sub>20</sub> H <sub>21</sub> N <sub>3</sub> O <sub>8</sub>	Varenicline carbamoyl b-D-glucuronide	601
C <sub>20</sub> H <sub>21</sub> NO <sub>9</sub>	1,3,6-Tri-O-acetyl-2,4-dideoxy-2-phthalimido-b-D-glucopyranose	569
C <sub>20</sub> H <sub>21</sub> NO <sub>10</sub>	3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-D-glucopyranose	567
C <sub>20</sub> H <sub>22</sub> O <sub>4</sub>	3,6-Di-O-benzyl-D-glucal	201
C <sub>20</sub> H <sub>22</sub> N <sub>4</sub> O <sub>8</sub>	3-Deoxy-D-glucosone-bis(benzoylhydrazine)	176
C <sub>20</sub> H <sub>22</sub> O <sub>5</sub> S	4-Methylphenyl 4,6-O-benzylidene-b-D-thioglucofuranoside	410
	4-Methylphenyl 4,6-O-benzylidene-b-D-thiogalactopyranoside	410

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C <sub>20</sub> H <sub>22</sub> O <sub>6</sub>	1,3,4,6-Di-O-benzylidene-D-mannitol	202
	2,4,3,5-Di-O-benzylidene-L-iditol	202
	1,3,2,4-Bis(O-benzylidene)-D-sorbitol	121
	Benzyl 4,6-O-benzylidene-b-D-galactopyranoside	106
	Benzyl 4,6-O-benzylidene-a-D-mannopyranoside	106
	Benzyl 4,6-O-benzylidene-b-D-glucopyranoside	106
	Benzyl 4,6-O-benzylidene-a-D-galactopyranoside	105
C <sub>20</sub> H <sub>22</sub> O <sub>8</sub>	3,4',5-Trihydroxystilbene-3-b-D-glucopyranoside	595
	Tremuloidin	562
	trans-Resveratrol 3-O-b-D-glucuronide	491
	Populin	478
C <sub>20</sub> H <sub>22</sub> Cl <sub>3</sub> NO <sub>8</sub> S	Phenyl 2,3,6-tri-O-acetyl-2-deoxy-2-trichloroacetamido-b-D-thioglucofuranoside	473
C <sub>20</sub> H <sub>22</sub> O <sub>9</sub>	2,3,5,4'-Tetrahydroxystilbene-2-O-b-D-glucopyranoside	551
	(S)-Naproxen acyl-b-D-glucuronide	436
	(R)-Naproxen acyl-b-D-glucuronide	436
C <sub>20</sub> H <sub>22</sub> O <sub>9</sub> S <sub>2</sub>	1,6-Anhydro-2,4-di-O-p-toluenesulfonyl-b-D-glucopyranose	73
C <sub>20</sub> H <sub>23</sub> N <sub>2</sub> O <sub>5</sub> D <sub>5</sub>	Suberoylanilide-D5 hydroxamic acid b-D-glucuronide	507
C <sub>20</sub> H <sub>23</sub> ClO <sub>10</sub>	4-Chlorophenyl-2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside	146
C <sub>20</sub> H <sub>23</sub> N <sub>3</sub> O <sub>11</sub>	Entacapone 3-b-D-glucuronide	234
C <sub>20</sub> H <sub>24</sub> O <sub>4</sub>	2,3-Di-O-benzyl-4-deoxy-L-fucose	201
C <sub>20</sub> H <sub>24</sub> O <sub>5</sub>	Methyl 3,5-di-O-benzyl-D-xylofuranoside	394
	Methyl 3,5-di-O-benzyl-D-ribofuranoside	394
	2,5-Anhydro-3,4-dibenzyl-D-glucitol	73
C <sub>20</sub> H <sub>24</sub> O <sub>5</sub> S	Methylphenyl 2-O-benzyl-b-D-thiogalactopyranoside	410
C <sub>20</sub> H <sub>24</sub> O <sub>6</sub>	1,2-O-Isopropylidene-4-hydroxymethyl-3-O-(2-methylinaphthyl)-a-D-ribofuranose	336
	2,3-Di-O-benzyl-D-glucopyranose	202
C <sub>20</sub> H <sub>24</sub> O <sub>7</sub>	4-Methoxyphenyl 3-O-benzyl-a-D-mannopyranoside	366
	4-Methoxyphenyl 3-O-benzyl-b-D-glucopyranoside	366
	4-Methoxyphenyl 3-O-benzyl-b-D-galactopyranoside	366
C <sub>20</sub> H <sub>24</sub> O <sub>9</sub>	Torachryson 8-O-glucoside	561
C <sub>20</sub> H <sub>24</sub> BrNO <sub>9</sub>	4-Bromophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	125
C <sub>20</sub> H <sub>24</sub> CINO <sub>9</sub>	4-Chlorophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	146
C <sub>20</sub> H <sub>24</sub> FNO <sub>9</sub>	4-Fluorophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	260
C <sub>20</sub> H <sub>24</sub> INO <sub>9</sub>	4-Iodophenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	329
C <sub>20</sub> H <sub>24</sub> O <sub>9</sub> S	Phenyl 2,3,4,6-tetra-O-acetyl-a-D-thiomannopyranoside	470
	Phenyl 2,3,4,6-tetra-O-acetyl-b-D-thioglucofuranoside	470
	Phenyl 2,3,4,6-tetra-O-acetyl-a-L-thioglucofuranoside	470
	Phenyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside	470
	4-Methylphenyl 2,3,4-tri-O-acetyl-b-D-thiogluconide methyl ester	412
C <sub>20</sub> H <sub>24</sub> O <sub>10</sub>	1,2,3-Tri-O-acetyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranose	573
	1,2,3-Tri-O-acetyl-4,6-O-(4-methoxybenzylidene)-b-D-glucopyranose	573
	1,2,3-Tri-O-acetyl-4,6-O-(4-methoxybenzylidene)-b-D-galactopyranose	573
	Phenyl 2,3,4,6-tetra-O-acetyl-a-D-glucopyranoside	470
	Phenyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside	469
	Benzyl b-D-glucopyranosiduronic acid methyl ester triacetate	112
C <sub>20</sub> H <sub>25</sub> NO <sub>9</sub>	Phenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	460

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C <sub>20</sub> H <sub>25</sub> NO <sub>9</sub>	Phenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranoside.....	460
	Phenyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranoside.....	460
C <sub>20</sub> H <sub>26</sub> O <sub>6</sub>	Methyl 2,3-di-O-allyl-4,6-O-benzylidene-a-D-mannopyranoside.....	391
C <sub>20</sub> H <sub>26</sub> O <sub>7</sub>	1,2-Di-O-acetyl-4-O-allyl-3-O-benzyl-a-L-rhamnopyranose.....	191
C <sub>20</sub> H <sub>26</sub> NO <sub>7</sub>	Abacavir 5-b-D-glucuronide.....	9
C <sub>20</sub> H <sub>26</sub> O <sub>7</sub> S	Ethyl 4,6-O-benzylidene-2-O-levulinoyl-b-D-thioglucofuranoside.....	245
C <sub>20</sub> H <sub>26</sub> NO <sub>8</sub>	3-O-Benzyl-5,6-di-O-acetyl-1,2-O-isopropylidene-a-D-glucofuranose.....	108
C <sub>20</sub> H <sub>26</sub> O <sub>10</sub> S	3,4-Di-O-acetyl-1,2-O-isopropylidene-5-O-p-toluenesulfonyl-a-L-sorbopyranose.....	195
C <sub>20</sub> H <sub>26</sub> O <sub>13</sub>	1,6,2,3-Dianhydro-4-O-(2',3',4',6'-tetra-O-acetyl-b-D-glucopyranosyl)-b-D-mannopyranose.....	199
C <sub>20</sub> H <sub>27</sub> NO <sub>7</sub> S	1-O-Acetyl-2-deoxy-5-O-p-methoxybenzoyl-3-O-(N,N-diethylthiocarbonyl)-D-ribofuranose.....	31
C <sub>20</sub> H <sub>27</sub> NO <sub>12</sub>	Methyl 5,7,8,9-tetra-O-acetyl-4-acylamino-2,6-anhydro-3,4-dideoxy-D-glycero-D-galacto-2-enonate.....	414
	Methyl 5-acetamido-4,7,8,9-tetra-O-acetyl-2,6-anhydro-3,5-dideoxy-D-glycero-D-galacto-non-2-enonate.....	373
C <sub>20</sub> H <sub>28</sub> N <sub>2</sub> O <sub>6</sub>	2-Acetamido-4,6-O-benzylidene-N-Boc-1,2,5-trideoxy-1,5-imino-D-glucitol.....	10
C <sub>20</sub> H <sub>28</sub> O <sub>8</sub>	Lobetyolin.....	349
C <sub>20</sub> H <sub>28</sub> N <sub>2</sub> O <sub>9</sub>	Suberoylanilide hydroxamic acid b-D-glucuronide.....	507
C <sub>20</sub> H <sub>28</sub> CINO <sub>12</sub>	N-Acetyl-2-chloro-2-deoxyneuraminic acid methyl ester 4,7,8,9-tetraacetate.....	30
C <sub>20</sub> H <sub>28</sub> N <sub>4</sub> O <sub>12</sub>	2,4,7,8-Tetra-O-acetyl-9-azido-9-deoxy-N-acetylneuraminic acid methyl ester.....	515
C <sub>20</sub> H <sub>29</sub> NO <sub>13</sub>	4,7,8,9-Tetra-O-acetyl-N-acetyl-D-neuraminic acid methyl ester.....	513
C <sub>20</sub> H <sub>30</sub> N <sub>2</sub> O <sub>7</sub>	N-[(e-Benzoyloxycarbonylamino)caproyl]-b-L-fucopyranosylamine.....	118
C <sub>18</sub> H <sub>27</sub> O <sub>6</sub> N <sub>4</sub> S·C <sub>2</sub> H <sub>3</sub> O <sub>2</sub>	Thiamine galactoside.....	555
C <sub>20</sub> H <sub>30</sub> FN <sub>3</sub> O <sub>9</sub>	3'-(5'-Deoxy-a-D-ribofuranoyl)capecitabine.....	183
C <sub>20</sub> H <sub>30</sub> N <sub>4</sub> O <sub>16</sub> P·Na	CMP-N-acetylneuraminic acid sodium salt.....	149
C <sub>20</sub> H <sub>31</sub> N <sub>3</sub> O <sub>7</sub>	N-[(e-N-Benzoyloxycarbonylamino)caproyl]-b-D-galactopyranosylamine.....	118
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	2-[2-(2-Azidoethoxy)ethoxy]ethyl 2,3,4,6-tetra-O-acetyl-D-galactopyranoside.....	93
	1-[2-(2-Azidoethoxy)ethoxyethyl]-2,3,4,6-tetra-O-acetyl-D-galactopyranoside.....	93
C <sub>20</sub> H <sub>31</sub> N <sub>4</sub> O <sub>17</sub> P	CMP-N-glycolylneuraminic acid.....	149
C <sub>20</sub> H <sub>32</sub> O <sub>8</sub>	3,6-Di-O-butanol-1,2:4,5-di-O-isopropylidene-D-myo-inositol.....	204
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C <sub>21</sub> H <sub>23</sub> NO <sub>8</sub>	Mefenamic acid-acyl-b-D-glucuronide	360
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	Methyl 2,4-di-O-benzyl-a-D-mannopyranoside	393
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	4-Methylphenyl 2,3,4,6-tetra-O-acetyl-b-D-thiogalactopyranoside	411
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C <sub>21</sub> H <sub>26</sub> N <sub>2</sub> O <sub>8</sub> S	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-N-(2-aminophenyl)thiourea	528
C <sub>21</sub> H <sub>26</sub> O <sub>10</sub>	1,3,4,6-Tetra-O-acetyl-2-O-benzyl-a-D-mannopyranose	518
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	1,2,4,6-Tetra-O-acetyl-3-O-benzyl-b-D-glucopyranose	517
	Benzyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside	119
C <sub>21</sub> H <sub>26</sub> O <sub>10</sub> S <sub>2</sub>	Methyl 2,6-di-O-p-toluenesulfonyl-D-glucopyranoside	397
	Methyl 2,3-di-O-p-toluenesulfonyl-a-D-glucopyranoside	397
C <sub>21</sub> H <sub>26</sub> O <sub>11</sub>	2,3,4,6-Tetra-O-acetyl-4-(hydroxymethyl)phenyl-b-D-glucopyranoside	533
	4-Methoxyphenyl 2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside	369
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C <sub>21</sub> H <sub>24</sub> O <sub>10</sub> ·2H <sub>2</sub> O	Phloridzin dihydrate	475
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C <sub>21</sub> H <sub>26</sub> O <sub>8</sub> S	Ethyl 2,4,6-tri-O-acetyl-3-O-benzyl-b-D-thioglucofuranoside	253
C <sub>21</sub> H <sub>29</sub> NO <sub>14</sub>	2,4,7,8,9-Penta-O-acetyl N-acetylneuraminic acid	450
C <sub>21</sub> H <sub>30</sub> O <sub>7</sub>	3-O-Benzyl-1,2-O-isopropylidene-6-O-pivaloyl-a-D-glucofuranose	116
C <sub>21</sub> H <sub>30</sub> O <sub>9</sub>	Gemfibrozil b-D-glucuronide	281
C <sub>21</sub> H <sub>31</sub> NO <sub>7</sub>	3-Aminopropyl 4,6-O-benzylidene-3-O-pivaloyl-b-D-galactopyranoside	67
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C <sub>21</sub> H <sub>31</sub> NO <sub>13</sub>	N-Acetyl-2-O-methyl-a-neuraminic acid methyl ester 4,7,8,9-tetraacetate	38
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C <sub>21</sub> H <sub>33</sub> NO <sub>10</sub>	2-Amino-1,3-bis(1,6-anhydro-2,3-O-isopropylidene-b-D-mannopyranose-4-O-yl)-propane	55
C <sub>21</sub> H <sub>33</sub> N <sub>5</sub> O <sub>10</sub>	Dihydrozeatin-O-glucoside riboside	216
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C <sub>21</sub> H <sub>37</sub> NO <sub>15</sub>	Pantothenic acid 2,4-di-O-b-D-galactopyranoside	449
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>16</sub> P <sub>2</sub> ·2(C <sub>6</sub> H <sub>14</sub> N)	UDP-6-azido-6-deoxy-D-galactose	595
C <sub>21</sub> H <sub>42</sub> O <sub>6</sub> S	Hexadecyl-D-xylopyranoside	309
C <sub>21</sub> H <sub>52</sub> O <sub>6</sub> Si <sub>5</sub>	1,2,3,4,6-Penta-O-trimethylsilyl-D-mannopyranose	457
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	1,2,3,4,6-Penta-O-trimethylsilyl-a-D-galactopyranose	457
C <sub>22</sub> H <sub>18</sub> O <sub>7</sub>	1-Pyrenyl b-D-glucuronide	484
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C <sub>22</sub> H <sub>19</sub> O <sub>8</sub> D <sub>3</sub>	Daidzein-D3-7-O-b-D-glucopyranoside	157
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C <sub>22</sub> H <sub>19</sub> Cl <sub>4</sub> NO <sub>11</sub>	1,3,4,6-Tetra-O-acetyl-2-deoxy-2-(tetrachlorophthalimido)-D-glucopyranose	521
C <sub>22</sub> H <sub>20</sub> O <sub>11</sub>	Wogonose	602
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C <sub>22</sub> H <sub>20</sub> O <sub>12</sub>	Diosmetin-3'-O-b-D-glucuronide	229
C <sub>22</sub> H <sub>20</sub> O <sub>13</sub>	Cochineal	150
	Carminic acid	138
C <sub>22</sub> H <sub>21</sub> NO <sub>5</sub>	2-Deoxy-3,5-di-O-toluoyl-b-D-ribofuranosyl cyanide	167
C <sub>22</sub> H <sub>21</sub> NO <sub>7</sub>	Methyl 4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside	380
C <sub>22</sub> H <sub>21</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>10</sub>	3,4,6-Tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl trichloroacetimidate	568
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C <sub>22</sub> H <sub>22</sub> O <sub>12</sub>	7-Hydroxy coumarin 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester	312
	Hesperetin 7-O-b-D-glucuronide	308
	Hesperetin 3'-O-b-D-glucuronide	308
C <sub>22</sub> H <sub>23</sub> NO <sub>7</sub>	Methyl 3-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	379
	2-Acetamido-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-D-glucopyranose	10
C <sub>22</sub> H <sub>23</sub> NO <sub>9</sub> D <sub>8</sub>	Propranolol D-glucuronide D6	481
C <sub>22</sub> H <sub>23</sub> F <sub>2</sub> N <sub>3</sub> O <sub>9</sub> S	Pantoprazole sulfide-b-D-glucuronide	449
C <sub>22</sub> H <sub>23</sub> O <sub>11</sub> Cl	Peonidin 3-O-glucoside chloride	458
C <sub>22</sub> H <sub>23</sub> NO <sub>11</sub>	1,3,4,6-Tetra-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	521
	1,3,4,6-Tetra-O-acetyl-2-deoxy-2-N-phthalimido-D-glucopyranose	521
	1,3,4,6-Tetra-O-acetyl-2-deoxy-2-N-phthalimido-a-D-glucopyranose	521
	1,2,4,6-Tetra-O-acetyl-3-deoxy-3-phthalimido-D-galactopyranoside	521
C <sub>22</sub> H <sub>23</sub> O <sub>12</sub> Cl	Petunidin 3-glucoside chloride	459
C <sub>22</sub> H <sub>24</sub> O <sub>5</sub>	4-O-Acetyl-3,6-di-O-benzyl-D-glucal	32
C <sub>22</sub> H <sub>24</sub> N <sub>4</sub> O <sub>5</sub>	2-Acetamido-3-O-benzyl-4,6-O-benzylidene-2-deoxy-b-D-glucopyranosyl azide	10
C <sub>22</sub> H <sub>24</sub> O <sub>6</sub>	Methyl 2-deoxy-3,5-di-O-toluoyl-L-ribofuranoside	385
	Methyl 2-deoxy-3,5-di-O-toluoyl-D-ribofuranoside	385
C <sub>22</sub> H <sub>24</sub> O <sub>6</sub> S	Ethyl 2-O-benzoyl-4,6-O-benzylidene-D-thiomannopyranoside	243
C <sub>22</sub> H <sub>24</sub> O <sub>7</sub>	Ethyl 2-O-benzoyl-4,6-O-benzylidene-b-D-galactopyranoside	243
C <sub>22</sub> H <sub>24</sub> F <sub>3</sub> NO <sub>7</sub>	Norfloxetine b-D-glucuronide	443
C <sub>22</sub> H <sub>24</sub> O <sub>7</sub> S	4-Methylphenyl 2-O-acetyl-3-O-benzyl-b-D-thiogluconide	409
C <sub>22</sub> H <sub>24</sub> NO <sub>9</sub> D <sub>5</sub>	4-Hydroxypropranolol D-glucuronide D5	320
C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>9</sub> S	Febuxostat-acyl-b-D-glucuronide	258

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C <sub>22</sub> H <sub>24</sub> O <sub>11</sub>	Hesperetin 7-O-glucoside	308
C <sub>22</sub> H <sub>24</sub> F <sub>3</sub> NO <sub>11</sub>	Methyl 2,3,4-triacetyl-D-glucopyranosiduronyl 1-(N-4-methoxyphenyl)-2,2,2-trifluoroacetimidate	420
C <sub>22</sub> H <sub>25</sub> NO <sub>6</sub>	Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside	100
	Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-glucopyranoside	100
	Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranoside	100
C <sub>22</sub> H <sub>25</sub> NO <sub>7</sub>	Methyl 4,6-O-benzylidene-2-benzoyloxycarbonylamino-2-deoxy-a-D-glucopyranose	379
C <sub>22</sub> H <sub>25</sub> NO <sub>9</sub> S	Ethyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-thiogluconopyranoside	253
C <sub>22</sub> H <sub>26</sub> O <sub>5</sub> S	Ethyl 3-O-benzyl-4,6-O-benzylidene-D-thiomannopyranoside	244
C <sub>22</sub> H <sub>26</sub> O <sub>6</sub>	1,3:2,4-Di-p-methylbenzylidene sorbitol	227
	2,3-Di-O-benzyl-4,6-O-ethylidene-D-glucopyranose	201
C <sub>22</sub> H <sub>26</sub> O <sub>11</sub>	Curculigoside	152
	Agnuside	45
	4-Acetylphenyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside	40
C <sub>22</sub> H <sub>26</sub> O <sub>12</sub>	2-Methoxycarbonylphenyl 2,3,4,6-tetra-O-acetyl-b-D-glucopyranoside	363
	Catalposide	138
C <sub>22</sub> H <sub>26</sub> O <sub>13</sub>	Methyl 4,5,7,8,9-penta-O-acetyl-2,6-anhydro-3-deoxy-D-glycero-D-galacto-non-2-enonate	408
C <sub>22</sub> H <sub>27</sub> NO <sub>9</sub>	O-Desmethyl galanthamine b-D-glucuronide	189
C <sub>22</sub> H <sub>27</sub> NO <sub>10</sub>	1,3,4,6-Tetra-O-acetyl-N-(4-methoxybenzylidene)-b-D-glucosamine	536
C <sub>22</sub> H <sub>28</sub> NNaO <sub>8</sub>	(S)-Propranolol b-D-glucuronide sodium salt	482
	(R)-Propranolol b-D-glucuronide sodium salt	482
C <sub>22</sub> H <sub>28</sub> O <sub>10</sub>	4'-O-b-D-Glucosyl-5-O-methylvisaminol	300
C <sub>22</sub> H <sub>28</sub> O <sub>11</sub>	Prim-O-glucosylcimifugin	479
C <sub>22</sub> H <sub>28</sub> NO <sub>7</sub>	N-Desmethyl dextropran O-b-D-glucuronide	189
C <sub>22</sub> H <sub>29</sub> NO <sub>8</sub>	Propranolol-2-O-b-D-glucuronide	481
	(S)-Propranolol glucuronide	482
	(R)-Propranolol glucuronide	482
C <sub>22</sub> H <sub>29</sub> NO <sub>9</sub>	Phenylethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	467
	5'-Hydroxypropranolol-b-D-glucuronoside	321
	7'-Hydroxypropranolol-b-D-glucuronide	320
	4'-Hydroxypropranolol-4'-O-b-D-glucuronide	320
C <sub>22</sub> H <sub>30</sub> O <sub>4</sub> Si	Methyl 5-O-(tert-butylidiphenylsilyl)-2-deoxy-b-D-ribofuranoside	383
C <sub>22</sub> H <sub>30</sub> N <sub>2</sub> O <sub>7</sub>	2-Acetamido-3-O-acetyl-4,6-benzylidene-N-Boc-1,2,5-trideoxy-1,5-imino-D-glucitol	9
C <sub>22</sub> H <sub>30</sub> FNO <sub>12</sub>	4,7,8,9-Tetra-O-acetyl-N-acetyl-2-deoxy-2-fluoro-b-D-neuraminic acid allyl ester	513
C <sub>22</sub> H <sub>30</sub> O <sub>14</sub>	6-O-Feruloylsucrose	259
C <sub>22</sub> H <sub>30</sub> FNO <sub>14</sub>	2,4,7,8,9-Petra-O-acetyl-N-acetyl-3-fluoro-b-D-neuraminic acid methyl ester	459
	2,4,7,8,9-Penta-O-acetyl-3-fluoro-N-acetyl-D-neuraminic acid methyl ester	450
C <sub>22</sub> H <sub>30</sub> O <sub>15</sub>	1,4-b-Xylobiose hexaacetate	602
C <sub>22</sub> H <sub>31</sub> NO <sub>14</sub>	2,4,7,8,9-Penta-O-acetyl-N-acetylneuraminic acid methyl ester	450
C <sub>22</sub> H <sub>32</sub> N <sub>5</sub> O <sub>15</sub> P	CMP-Pseudaminic acid	150
C <sub>22</sub> H <sub>33</sub> NO <sub>8</sub>	rac O-Desmethyl venlafaxine b-D-glucuronide	190
	Desmethylvenlafaxine O-D-glucuronide	190
C <sub>22</sub> H <sub>33</sub> N <sub>3</sub> O <sub>8</sub>	2-Acetamido-N',N'-cbz-epsilon-aminocaproyl-2-deoxy-b-D-glucopyranosyl amine	11
C <sub>22</sub> H <sub>34</sub> O <sub>5</sub> Si	6-O-Benzoyl-3-O-triisopropylsilyl-D-glucal	99
	6-O-Benzoyl-3-O-triisopropylsilyl-D-galactal	99
C <sub>22</sub> H <sub>36</sub> O <sub>5</sub> Si	3-O-Benzyl-6-O-tert-butylidimethylsilyl-1,2-O-isopropylidene-a-D-glucufuranose	106
C <sub>22</sub> H <sub>36</sub> O <sub>10</sub>	Octyl D-galactofuranoside tetraacetate	444
C <sub>22</sub> H <sub>39</sub> NO <sub>5</sub>	AMP-Deoxynojirimycin - Solution in ethanol	68
	N-(5-Adamant-1-yl methoxy)pentyl deoxynojirimycin	44
C <sub>22</sub> H <sub>40</sub> O <sub>5</sub> Si	Methyl 2,3,4-tri-O-acetyl-6-O-triisopropylsilyl-a-D-mannopyranoside	421



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C <sub>22</sub> H <sub>40</sub> O <sub>5</sub> Si	Methyl 2,3,4-tri-O-acetyl-6-O-triisopropylsilyl-a-D-glucopyranoside	421
	Methyl 2,3,4-tri-O-acetyl-6-O-triisopropylsilyl-a-D-galactopyranoside	420
C <sub>23</sub> H <sub>18</sub> F <sub>2</sub> N <sub>2</sub> O <sub>7</sub>	1'-Epi-2',2'-difluoro-2'-deoxyuridine 3',5'-dibenzoate	235
C <sub>23</sub> H <sub>20</sub> O <sub>10</sub>	3-Methylflavone-8-carboxylic acid acyl-b-D-glucuronide	398
C <sub>23</sub> H <sub>20</sub> F <sub>3</sub> N <sub>3</sub> O <sub>10</sub> S	Celecoxib carboxylic acid acyl-b-D-glucuronide	139
C <sub>23</sub> H <sub>22</sub> O <sub>10</sub>	6-O-Acetylidaizin	30
C <sub>23</sub> H <sub>22</sub> O <sub>11</sub>	6-O-Acetylgenistin	34
C <sub>23</sub> H <sub>23</sub> NO <sub>6</sub> S	Ethyl 4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-thioglucofuranoside	244
C <sub>23</sub> H <sub>23</sub> F <sub>6</sub> N <sub>5</sub> O <sub>9</sub>	Sitagliptin carbamoyl b-D-glucuronide	504
C <sub>23</sub> H <sub>23</sub> ClO <sub>10</sub>	Fenofibril b-D-glucuronide	258
C <sub>23</sub> H <sub>23</sub> O <sub>13</sub> S	1-[[2-N-(5-Nitrothiazolyl)carboxamido]phenyl]-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester	442
C <sub>23</sub> H <sub>24</sub> ClNO <sub>7</sub>	Asenapine N-b-D-glucuronide	86
C <sub>23</sub> H <sub>24</sub> O <sub>8</sub>	5-O-Benzoyl-4-benzoyloxymethyl-1,2-O-isopropylidene-a-D-xylofuranose	97
C <sub>23</sub> H <sub>24</sub> NO <sub>9</sub> D <sub>3</sub>	Morphine 6-D-glucuronide-D3	432
	Morphine 3-D-glucuronide-D3	432
C <sub>23</sub> H <sub>24</sub> NO <sub>10</sub> D <sub>3</sub>	Oxymorphone 3-b-D-glucuronide-D3	448
C <sub>23</sub> H <sub>24</sub> O <sub>11</sub>	Cirsimarín	148
C <sub>23</sub> H <sub>24</sub> O <sub>12</sub>	4-Methylumbelliferyl 2,3,4-tri-O-acetyl-a-L-idopyranosiduronic acid methyl ester	429
C <sub>23</sub> H <sub>25</sub> N <sub>3</sub> O <sub>6</sub>	4-Methoxyphenyl 3-O-allyl-2-azido-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside	364
	4-Methoxyphenyl 3-O-allyl-2-azido-4,6-O-benzylidene-2-deoxy-b-D-galactopyranoside	363
C <sub>23</sub> H <sub>25</sub> ClO <sub>10</sub>	Fenirofibrate O-b-D-glucuronide	258
C <sub>23</sub> H <sub>25</sub> O <sub>12</sub> Cl	Malvidin 3-glucoside	354
C <sub>23</sub> H <sub>26</sub> O <sub>6</sub>	Ethyl 2-deoxy-3,5-di-O-toluoyl-D-xylofuranoside	245
	Ethyl 3-deoxy-2,5-di-O-toluoyl-L-threopentofuranoside	245
	Allyl 2-O-benzoyl-3-O-benzyl-a-L-rhamnopyranoside	48
C <sub>23</sub> H <sub>26</sub> O <sub>6</sub> S	Phenyl 3,4-di-O-acetyl-2-O-benzyl-a-L-thiorhamnopyranoside	465
C <sub>23</sub> H <sub>26</sub> O <sub>7</sub>	4-Methoxyphenyl 3-O-allyl-4,6-O-benzylidene-b-D-galactopyranoside	364
C <sub>23</sub> H <sub>26</sub> O <sub>7</sub> S	4-Methylphenyl 2-O-acetyl-3-O-benzyl-b-D-thiogluconide methyl ester	409
C <sub>23</sub> H <sub>26</sub> FN <sub>3</sub> O <sub>9</sub>	Ciprofloxacin b-D-glucuronide	148
C <sub>23</sub> H <sub>27</sub> NO <sub>6</sub>	Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-3-O-methyl-a-D-glucopyranoside	100
C <sub>23</sub> H <sub>27</sub> NO <sub>7</sub>	Nefopam glucuronide	437
C <sub>23</sub> H <sub>27</sub> N <sub>3</sub> O <sub>7</sub>	8-Hydroxymirtazapine b-D-glucuronide	318
C <sub>23</sub> H <sub>27</sub> NO <sub>10</sub>	Oxymorphone 3-b-D-glucuronide	448
C <sub>23</sub> H <sub>28</sub> O <sub>6</sub>	3,4-Di-O-benzyl-1,2-O-(1-methoxyethylidene)-b-L-rhamnopyranoside	203
	3-O-Benzyl-1,2-O-isopropylidene-4-C-(phenylmethoxy)methyl-b-L-lyxofuranose	117
	Allyl 2,3-di-O-benzyl-b-D-glucopyranoside	50
	Allyl 2,3-di-O-benzyl-a-D-glucopyranoside	50
C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>6</sub> S	Promethazine N-b-D-glucuronide	479
C <sub>23</sub> H <sub>28</sub> NO <sub>7</sub> D <sub>3</sub>	Dextrorphan O-b-D-glucuronide D3	190
C <sub>23</sub> H <sub>28</sub> O <sub>7</sub> S	Allyl 3-O-benzyl-2-O-p-toluenesulfonyl-a-L-rhamnopyranoside	50
C <sub>23</sub> H <sub>28</sub> O <sub>8</sub> S	1-O-Benzyl-2,3-O-isopropylidene-6-O-tosyl-a-L-sorbofuranoside	116
C <sub>23</sub> H <sub>28</sub> O <sub>10</sub> S <sub>2</sub>	2,3-O-Isopropylidene-1,6-di-O-p-toluenesulfonyl-a-L-sorbofuranose	334
C <sub>23</sub> H <sub>28</sub> O <sub>11</sub>	Paeoniflorin	448
C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>11</sub>	1-O-(trans-3-Hydroxycotinine)-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester	312
C <sub>23</sub> H <sub>28</sub> O <sub>12</sub>	Mycophenolic acid b-D-glucuronide	434
	Mycophenolic acid acyl-b-D-glucuronide	434
C <sub>23</sub> H <sub>28</sub> O <sub>13</sub>	Picroside 2	476
C <sub>23</sub> H <sub>29</sub> NO <sub>6</sub>	Methyl 2-acetamido-3,6-di-O-benzyl-2-deoxy-b-D-glucopyranoside	373
	Methyl 2-acetamido-3,6-di-O-benzyl-2-deoxy-a-D-glucopyranoside	373
C <sub>23</sub> H <sub>29</sub> NO <sub>8</sub>	4'-Hydroxy atomoxetine b-D-glucuronide	311

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C <sub>23</sub> H <sub>29</sub> NO <sub>9</sub>	Galantamine-O-D-glucuronide	279
	rac etodolac acyl-b-D-glucuronide	256
C <sub>23</sub> H <sub>29</sub> NO <sub>10</sub>	Scopolamine O-b-D-glucuronide	500
C <sub>23</sub> H <sub>30</sub> O <sub>11</sub>	Mycophenolic acid phenolic b-D-glucoside	434
	Mycophenolic acid acyl-b-D-glucoside	434
C <sub>23</sub> H <sub>30</sub> N <sub>4</sub> O <sub>11</sub>	Riboflavin galactoside	495
C <sub>23</sub> H <sub>31</sub> NO <sub>7</sub>	Dextrorphan O-b-D-glucuronide	190
C <sub>23</sub> H <sub>31</sub> NO <sub>9</sub>	Phenylpropyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	469
C <sub>23</sub> H <sub>31</sub> NO <sub>12</sub> S	4,7,8,9-Tetra-O-acetyl-N-acetyl-2-S-2-propyn-1-yl-2-thio-a-neuraminic acid methyl ester	513
	Methyl (methyl 5-acetamido-4,7,8,9-tetra-O-acetyl-3,5-dideoxy-2-thio-D-glycero-D-galacto-2-nonulopyranosid)onate	406
C <sub>23</sub> H <sub>36</sub> O <sub>5</sub> Si	3-O-Triisopropylsilyl-4,6-O-p-methoxybenzylidene-D-glucal	592
C <sub>23</sub> H <sub>36</sub> O <sub>11</sub>	1,2,3,4-Tetra-O-isobutylryl-b-D-glucuronide methyl ester	551
C <sub>23</sub> H <sub>36</sub> N <sub>2</sub> O <sub>11</sub>	Perindoprilat acyl-b-D-glucuronide	458
C <sub>23</sub> H <sub>36</sub> O <sub>12</sub>	8-Methoxycarbonyloctanoyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside	362
C <sub>23</sub> H <sub>40</sub> O <sub>10</sub> Si	1,2,3,4-Tetra-O-acetyl-6-O-triisopropylsilyl-a-D-mannopyranose	539
	1,2,3,4-Tetra-O-acetyl-6-O-triisopropylsilyl-b-D-glucopyranose	539
	1,2,3,4-Tetra-O-acetyl-6-O-triisopropylsilyl-b-D-galactopyranose	539
C <sub>24</sub> H <sub>21</sub> ClFN <sub>3</sub> O <sub>7</sub>	1-Hydroxymidazolam-b-D-glucuronide	318
	(4-Hydroxymidazolam)-b-D-glucuronide	318
C <sub>24</sub> H <sub>22</sub> O <sub>12</sub>	6-O-Malonylidaizin free acid	352
C <sub>24</sub> H <sub>22</sub> O <sub>13</sub>	6-O-Malonylgenistin, free acid	353
C <sub>24</sub> H <sub>25</sub> FO <sub>5</sub> S	Canagliflozin	135
C <sub>24</sub> H <sub>25</sub> Cl <sub>2</sub> NO <sub>8</sub>	Sertraline carbamoyl glucuronide	503
C <sub>24</sub> H <sub>26</sub> NO <sub>7</sub>	2,3-O-Isopropylidene-1,5-di-O-toluoyl-b-D-ribofuranose	334
C <sub>24</sub> H <sub>26</sub> O <sub>9</sub>	1D-1-O-Butyryl-4,6-O-dibenzoyl-myo-inositol	133
C <sub>24</sub> H <sub>26</sub> O <sub>11</sub>	6-O-Acetylglucitin	37
C <sub>24</sub> H <sub>26</sub> O <sub>12</sub>	4-Methylumbelliferyl 2,3,4,6-tetra-O-acetyl-a-D-mannopyranoside	429
	4-Methylumbelliferyl 2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside	429
C <sub>24</sub> H <sub>26</sub> O <sub>13</sub>	Iridin	330
C <sub>24</sub> H <sub>27</sub> NO <sub>8</sub>	Benzyl 2-acetamido-4,6-O-benzylidene-3-O-(carboxymethyl)-2-deoxy-a-D-glucopyranoside	99
C <sub>24</sub> H <sub>27</sub> N <sub>3</sub> O <sub>8</sub>	Ondansetron 8-D-glucuronide (mixture of isomers)	446
C <sub>24</sub> H <sub>27</sub> O <sub>8</sub> Na	Equilin 3-O-b-D-glucuronide sodium salt	236
C <sub>24</sub> H <sub>27</sub> NO <sub>8</sub> S	Duloxetine-4-hydroxy-D-glucuronide	233
C <sub>24</sub> H <sub>27</sub> N <sub>3</sub> O <sub>10</sub> S	(5-Hydroxy rosiglitazone)-b-D-glucuronide	321
C <sub>24</sub> H <sub>27</sub> NO <sub>11</sub>	1-Acetyl-3-O-(2,3,4,6-tetra-O-acetyl-b-D-glucopyranosyl)indole	41
C <sub>24</sub> H <sub>28</sub> O <sub>6</sub>	Methyl 2-O-allyl-3-O-benzyl-4,6-O-benzylidene-a-D-mannopyranoside	375
C <sub>24</sub> H <sub>28</sub> N <sub>2</sub> O <sub>7</sub>	8-Hydroxymianserin b-D-glucuronide	318
C <sub>24</sub> H <sub>28</sub> O <sub>8</sub>	4-Methoxyphenyl 3,4-O-isopropylidene-6-O-toluoyl-b-D-galactopyranoside	369
	4-Methoxyphenyl 3,4-O-Isopropylidene-6-O-(4-methylbenzoyl)-b-D-galactopyranoside	368
	4-Methoxyphenyl 3-O-allyl-2-O-toluoyl-b-D-galactopyranoside	364
	Diethyl stilbestrol b-D-glucuronide	212
C <sub>24</sub> H <sub>28</sub> FN <sub>3</sub> O <sub>10</sub>	Levofloxacin acyl-b-D-glucuronide	347
C <sub>24</sub> H <sub>28</sub> O <sub>11</sub>	Picroside I	476
	Globularin	284
C <sub>24</sub> H <sub>29</sub> ClO <sub>8</sub>	Methyl 1-C-[4-chloro-3-[[[4-[(3S)-tetrahydro-3-furanyl]oxy]phenyl]methyl]phenyl]-a-D-glucopyranoside	384
C <sub>24</sub> H <sub>29</sub> NO <sub>8</sub>	Methyl 6-O-acetyl-3-O-benzyl-2-benzyloxycarbonylamino-2-deoxy-a-D-glucopyranoside	374
C <sub>24</sub> H <sub>29</sub> O <sub>8</sub> Na	Estrone b-D-glucuronide sodium salt	240
C <sub>24</sub> H <sub>30</sub> O <sub>6</sub>	Methyl 2-O-allyl-3,4-di-O-benzyl-a-D-mannopyranoside	375
C <sub>24</sub> H <sub>30</sub> O <sub>9</sub>	16a-Hydroxysterone 16-b-D-glucuronide	314

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>24</sub> H <sub>30</sub> O <sub>11</sub>	Harpagoside	308	C <sub>25</sub> H <sub>29</sub> N <sub>3</sub> O <sub>8</sub>	1,6-Di-O-acetyl-2-azido-2-deoxy-3-O-benzyl-4-O-(4-methoxybenzyl)-a-D-glucopyranose	192
C <sub>24</sub> H <sub>30</sub> O <sub>12</sub>	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl (1,3-benzylidene)glycerol	528	C <sub>25</sub> H <sub>29</sub> NO <sub>9</sub>	2-Naphthylmethyl 2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	436
C <sub>24</sub> H <sub>30</sub> O <sub>14</sub>	Cornuside	151	C <sub>25</sub> H <sub>29</sub> NO <sub>10</sub>	Benzyl 2,3-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-4-nitrobenzoyl-a-L-xylopyranoside	109
C <sub>24</sub> H <sub>30</sub> N <sub>2</sub> O <sub>7</sub> ·HCl	2-Hydroxydesipramine glucuronide HCl	313	C <sub>25</sub> H <sub>29</sub> NO <sub>12</sub> S	Methyl 5-Acetamido-7,8,9-tri-O-acetyl-5-N,4-O-carbonyl-3,5-dideoxy-2-S-phenyl-2-thio-D-glycero-b-D-galacto-2-nonulopyranosylonate	373
C <sub>24</sub> H <sub>31</sub> O <sub>8</sub> Na	b-Estradiol 3-(b-D-glucuronide) sodium salt	239	C <sub>25</sub> H <sub>30</sub> ClN <sub>2</sub> O <sub>9</sub>	4'-Hydroxytrazodone b-D-glucuronide	322
C <sub>24</sub> H <sub>31</sub> O <sub>9</sub>	b-Estradiol 17-(b-D-glucuronide) sodium salt	239	C <sub>25</sub> H <sub>30</sub> O <sub>10</sub> S	1,2-Di-O-acetyl-3-O-benzyl-4-C-(phenylmethoxy)methyl-L-lyxofuranose 5-methanesulfonate	193
C <sub>24</sub> H <sub>31</sub> NaO <sub>9</sub>	Estriol 3-O-b-D-glucuronide sodium salt	239	C <sub>25</sub> H <sub>31</sub> NO <sub>6</sub>	Benzyl 2-acetamido-3-O-allyl-6-O-benzyl-2-deoxy-a-D-glucopyranoside	99
C <sub>24</sub> H <sub>32</sub> O <sub>5</sub> Si	5-O-(t-Butyldiphenylsilyl)-1,2-O-isopropylidene-a-D-xylofuranose	132		Allyl 2-acetamido-3,6-di-O-benzyl-2-deoxy-b-D-glucopyranoside	48
	5-O-tert-Butyldiphenylsilyl-2,3-O-isopropylidene-D-ribofuranose	132	C <sub>25</sub> H <sub>31</sub> NO <sub>8</sub> S	4,6-O-Benzylidene-N-Boc-2-O-p-toluenesulfonyl-1,5-imino-D-glucitol	113
C <sub>24</sub> H <sub>32</sub> O <sub>9</sub>	4-Hydroxyestradiol-4-O-b-D-glucuronide	314	C <sub>25</sub> H <sub>32</sub> O <sub>6</sub>	4-Pentenyl 3,6-di-O-benzyl-a-D-mannopyranoside	457
	4-Hydroxyestradiol-3-O-b-D-glucuronide	314	C <sub>25</sub> H <sub>32</sub> N <sub>2</sub> O <sub>6</sub>	Imipramine N-b-D-glucuronide	325
	4-Hydroxyestradiol 17-O-b-D-glucuronide	314	C <sub>25</sub> H <sub>32</sub> N <sub>2</sub> O <sub>7</sub>	2-Hydroxyimipramine b-D-glucuronide	315
	2-Hydroxyestradiol-2-O-b-D-glucuronide	313	C <sub>25</sub> H <sub>33</sub> O <sub>4</sub> D <sub>3</sub>	16,16,17-D-3-Trichloropyridyltentagel D-glucuronide	588
	2-Hydroxyestradiol-17-O-b-D-glucuronide	313	C <sub>25</sub> H <sub>33</sub> NO <sub>9</sub>	Mitiglinide acyl-b-D-glucuronide	431
	2-Hydroxyestradiol 3-O-b-D-glucuronide	313	C <sub>25</sub> H <sub>34</sub> O <sub>6</sub>	6-O-Benzyl-2,3,4,5-di-O-cyclohexylidene-L-myo-inositol	108
C <sub>24</sub> H <sub>32</sub> O <sub>9</sub> Na	4-Hydroxyestradiol 4-O-β-D-Glucuronide Sodium Salt	314		3-O-Benzyl-1,2,5,6-di-O-cyclohexylidene-a-D-glucufuranose	108
C <sub>24</sub> H <sub>32</sub> K <sub>2</sub> O <sub>11</sub> S	Estradiol 3-sulfate 17b-glucuronide dipotassium salt	239	C <sub>25</sub> H <sub>34</sub> N <sub>2</sub> O <sub>10</sub>	2-(N-Butylcarbamido)phenyl-2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranoside	128
C <sub>24</sub> H <sub>33</sub> NO <sub>9</sub>	8-Methoxycarbonyloctyl 2-deoxy-2-phthalimido-b-D-glucopyranoside	362	C <sub>25</sub> H <sub>36</sub> O <sub>5</sub> Si	2,3-Di-O-benzyl-5-O-tert-butylidimethylsilyl-D-xylofuranose	201
C <sub>24</sub> H <sub>33</sub> NO <sub>16</sub>	2,4,7,8,9-Penta-O-acetyl-N-acetylglucylol-D-neuraminic acid methyl ester	450		2,3-Di-O-benzyl-5-O-tert-butylidimethylsilyl-L-arabinofuranose	201
C <sub>24</sub> H <sub>34</sub> O <sub>8</sub>	17-b-Nandrolone glucuronide potassium salt	436	C <sub>25</sub> H <sub>36</sub> O <sub>9</sub>	Methyl 4,6-O-(4-methoxybenzylidene)-2,3-di-O-pivaloyl-a-D-mannopyranoside	406
	Methyl 4,6-O-benzylidene-2,3-di-O-pivaloyl-a-D-mannopyranoside	381		Methyl 4,6-O-(4-methoxybenzylidene)-2,3-di-O-pivaloyl-a-D-glucopyranoside	406
	Methyl 4,6-O-benzylidene-2,3-di-O-pivaloyl-a-D-glucopyranoside	381		Methyl 4,6-O-(4-methoxybenzylidene)-2,3-di-O-pivaloyl-a-D-galactopyranoside	406
	Methyl 4,6-O-benzylidene-2,3-di-O-pivaloyl-a-D-galactopyranoside	381	C <sub>25</sub> H <sub>36</sub> O <sub>11</sub>	5-b-Androst-1-en-17b-ol-3-one glucuronide	69
C <sub>24</sub> H <sub>35</sub> O <sub>8</sub> ·Na	19-Norethicholanolone glucuronide	443		1,6-O-[(1R,2R)-1,2-Dimethoxy-1,2-dimethyl-1,2-ethanediyl]-3,4-O-[(1S,2S)-1,2-dimethoxy-1,2-dimethyl-1,2-ethanediyl]-5-benzoate-myo-inositol	225
C <sub>24</sub> H <sub>35</sub> ClO <sub>9</sub>	Dapagliflozin propanediol monohydrate	158	C <sub>25</sub> H <sub>37</sub> O <sub>8</sub> D <sub>3</sub>	Androstane-3-a,17 b-diol 3-O-b-D-glucuronide-D3	69
C <sub>24</sub> H <sub>36</sub> Na <sub>2</sub> O <sub>25</sub> S <sub>2</sub>	Neocarratetraose-41, 43-di-O-sulfate sodium salt	438	C <sub>25</sub> H <sub>38</sub> O <sub>8</sub>	Epiandrosterone b-D-glucuronide	235
C <sub>24</sub> H <sub>38</sub> O <sub>12</sub>	(8-Ethoxycarbonyloctyl)-2,3,4,6-tetra-O-acetyl-b-D-galactopyranoside	240	C <sub>25</sub> H <sub>40</sub> N <sub>2</sub> O <sub>11</sub>	Perindopril acyl-b-D-glucuronide	458
C <sub>24</sub> H <sub>39</sub> NO <sub>13</sub> S	Topiramate dimer impurity	560		Perindopril acyl-a-D-glucuronide	458
C <sub>24</sub> H <sub>40</sub> O <sub>20</sub>	1,6-Anhydro-b-D-glucopyranose, b-D-glucopyranosyl-(1-4)-b-D-glucopyranosyl-(1-4)-b-D-glucopyranosyl-	75	C <sub>25</sub> H <sub>44</sub> N <sub>4</sub> O <sub>8</sub> S	a-D-Galactose-sp-biotin	276
C <sub>24</sub> H <sub>41</sub> NO <sub>7</sub>	N-(Propylidenimino)-2-deoxy-3,4,6-tri-O-pivaloyl-D-glucopyranoside	483	C <sub>25</sub> H <sub>50</sub> O <sub>8</sub>	2-Octyldodecyl-D-xylopyranoside	444
C <sub>24</sub> H <sub>44</sub> O <sub>6</sub>	Mannide monooleate	354	C <sub>26</sub> H <sub>18</sub> Cl <sub>4</sub> O <sub>7</sub>	2,3,5-Tri-O-p-chlorobenzoyl-b-D-ribofuranosyl chloride	588
C <sub>24</sub> H <sub>46</sub> O <sub>6</sub>	Sorbitan monostearate	506		2,3,5-Tri-O-p-chlorobenzoyl-a-D-ribofuranosyl chloride	587
C <sub>24</sub> H <sub>47</sub> NO <sub>7</sub>	Glucosyl-C18-sphingosine	300	C <sub>26</sub> H <sub>19</sub> Cl <sub>3</sub> O <sub>8</sub>	2,3,5-Tri-O-p-chlorobenzoyl-D-ribofuranoside	587
	b-D-Galactosylsphingosine - Synthetic	278	C <sub>26</sub> H <sub>20</sub> O <sub>8</sub>	1,3,5-Tri-O-benzoyl-2-keto-a-D-ribofuranose	578
C <sub>24</sub> H <sub>50</sub> O <sub>4</sub> Si <sub>2</sub>	3,6-Di-O-triisopropylsilyl-D-glucal	231	C <sub>26</sub> H <sub>21</sub> BrO <sub>7</sub>	1,3,5-Tri-O-benzoyl-2-bromo-2-deoxy-a-L-arabinofuranose	575
C <sub>24</sub> H <sub>52</sub> O <sub>4</sub> Si <sub>3</sub>	3,4,6-Tri-O-(tert-butylidimethylsilyl)-D-glucal	587		1,3,5-Tri-O-benzoyl-2-bromo-2-deoxy-a-L-arabinofuranose	575
C <sub>24</sub> H <sub>52</sub> O <sub>4</sub> Si <sub>10</sub>	Indomethacin acyl-b-D-glucuronide	325	C <sub>26</sub> H <sub>21</sub> FO <sub>7</sub>	2,3,5-Tri-O-benzoyl-a-D-arabinofuranosyl bromide	575
C <sub>25</sub> H <sub>24</sub> O <sub>13</sub>	6-O-Malonylglycitol	353		1,3,5-Tri-O-benzoyl-2-deoxy-2-fluoro-a-D-ribofuranose	576
C <sub>25</sub> H <sub>26</sub> O <sub>5</sub>	2,5-Anhydro-1-O-trityl-D-mannitol	78		1,3,5-Tri-O-benzoyl-2-deoxy-2-fluoro-a-L-arabinofuranose	576
C <sub>25</sub> H <sub>26</sub> O <sub>6</sub>	6-O-Trityl-D-mannopyranose	594	C <sub>26</sub> H <sub>21</sub> NaO <sub>7</sub>	2,3,5-Tri-O-benzoyl-b-D-ribofuranosyl azide	579
	6-O-Trityl-D-glucose	594	C <sub>26</sub> H <sub>22</sub> O <sub>7</sub>	1,3,4-Tri-O-benzoyl-2-deoxy-b-D-ribofuranose	576
C <sub>25</sub> H <sub>27</sub> NO <sub>6</sub>	Norcyclobenzaprime N-glucuronide	442			
C <sub>25</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>7</sub>	3-Hydroxydesloratadine b-D-glucuronide	313			
C <sub>25</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>8</sub>	a-Glucametacin	284			
C <sub>25</sub> H <sub>27</sub> NO <sub>9</sub>	2,3,4,6-Tetra-O-benzoyl-b-D-galactopyranosyl cyanide	541			
	4-Nitrophenyl 3-O-benzoyl-4,6-cyclohexylidene-b-D-mannopyranoside	441			
C <sub>25</sub> H <sub>27</sub> NO <sub>15</sub>	(2E)-4-[2-Nitro-3-[(2,3,4,6-tetra-O-acetyl-b-D-glucopyranosyl)oxy]phenyl]-4-oxo-2-butenic acid methyl ester	442			
C <sub>25</sub> H <sub>28</sub> N <sub>2</sub> O <sub>10</sub> S	Hydroxy pioglitazone (M-VII) b-D-glucuronide	319			
	Hydroxy pioglitazone (M-IV) b-D-glucuronide	319			
C <sub>25</sub> H <sub>28</sub> O <sub>16</sub>	Neomangiferin	438			
C <sub>25</sub> H <sub>29</sub> NO <sub>6</sub>	Benzyl 2-acetamido-3-O-allyl-4,6-O-benzylidene-2-deoxy-a-D-glucopyranoside	99			
C <sub>25</sub> H <sub>29</sub> NO <sub>8</sub>	Benzyl N-acetyl-4,6-O-benzylidene-a-isomuramic acid	103			
	Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-muramic acid	100			

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>26</sub> H <sub>22</sub> O <sub>7</sub>	1,3,5-Tri-O-benzoyl-2-deoxyribofuranose	576	C <sub>26</sub> H <sub>31</sub> NO <sub>10</sub> S	N-Desacetyl-N-formyl thiocolchicoside	188
C <sub>26</sub> H <sub>22</sub> O <sub>8</sub>	2,3,5-Tri-O-benzoyl-b-D-ribofuranose	579	C <sub>26</sub> H <sub>31</sub> O <sub>11</sub> P	2,3,4-Tri-O-acetyl-b-L-fucopyranosyl dibenzyl phosphate	570
	1,3,5-Tri-O-benzoyl-a-L-ribofuranose	579	C <sub>26</sub> H <sub>32</sub> N <sub>6</sub> O <sub>3</sub> S	Phenyl 4,6-diazido-2,3-di-O-benzyl-4,6-dideoxy-b-D-thioglucofuranoside	465
	1,3,5-Tri-O-benzoyl-a-D-ribofuranose	579		Phenyl 3,6-diazido-2,4-di-O-benzyl-3,6-dideoxy-b-D-thioglucofuranoside	465
C <sub>26</sub> H <sub>22</sub> O <sub>10</sub> Na	Phenolphthalein b-D-glucuronic acid sodium salt	459	C <sub>26</sub> H <sub>32</sub> O <sub>6</sub>	2,3,4,5-Di-O-isopropylidene-1,6-di-O-benzyl-D-myo-inositol	218
C <sub>26</sub> H <sub>23</sub> NO <sub>9</sub>	4-Nitrophenyl 2-benzoyl-4,6-O-benzylidene-a-D-mannopyranoside	440		1,2,5,6-Di-O-isopropylidene-3,4-di-O-benzyl-D-myo-inositol	218
C <sub>26</sub> H <sub>24</sub> O <sub>7</sub>	Benzyl 2,4-di-O-benzoyl-D-xylopyranoside	108	C <sub>26</sub> H <sub>32</sub> O <sub>8</sub>	Ethinyl estradiol 3-b-D-glucuronide	256
C <sub>26</sub> H <sub>25</sub> FO <sub>8</sub> S	Sulindac sulfide acyl-b-D-glucuronide	509		Ethinyl estradiol 17-b-D-glucuronide	256
C <sub>26</sub> H <sub>25</sub> FO <sub>9</sub> S	Sulindac acyl-b-D-glucuronide	509	C <sub>26</sub> H <sub>32</sub> O <sub>12</sub>	Mycophenolic acid acyl-b-D-glucuronide allyl ester	434
C <sub>26</sub> H <sub>25</sub> NO <sub>9</sub> Se	Phenyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-selenoglucofuranoside	472	C <sub>26</sub> H <sub>32</sub> ClNO <sub>12</sub> S	5-(Acetylamino)-2-chloro-2,5-dideoxy-3-S-phenyl-3-thio-D-erythro-a-L-gluco-2-nonulopyranosonic acid methyl ester 4,7,8,9-tetraacetate	28
C <sub>26</sub> H <sub>25</sub> NO <sub>10</sub>	Phenyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	472	C <sub>26</sub> H <sub>33</sub> NO <sub>8</sub>	Benzyl N-acetyl-6-O-benzyl-a-D-muramic acid methyl ester	103
C <sub>26</sub> H <sub>25</sub> FO <sub>10</sub> S	Sulindac sulfone acyl-b-D-glucuronide	509	C <sub>26</sub> H <sub>33</sub> NO <sub>12</sub> S	Phenyl 4,7,8,9-tetra-O-acetyl-2-thio-N-acetyl-D-neuraminic acid methyl ester	470
C <sub>26</sub> H <sub>26</sub> O <sub>5</sub>	2,3,5-Tri-O-benzyl-D-xylofuranose	587		Methyl 5-acetamido-4,7,8,9-tetra-O-acetyl-3,5-dideoxy-2-thiophenyl-D-glycero-a-D-galacto-2-nonulopyranosylonate	373
	2,3,5-Tri-O-benzyl-D-ribofuranose	587	C <sub>26</sub> H <sub>34</sub> O <sub>6</sub>	6-O-Benzyl-2,3,4,5-di-O-cyclohexylidene-D-myo-inositol	108
	2,3,5-Tri-O-benzyl-L-ribonic acid-1,4-lactone	586	C <sub>26</sub> H <sub>34</sub> O <sub>8</sub>	Norethindrone b-D-glucuronide	443
	2,3,5-Tri-O-benzyl-L-lyxono-1,4-lactone	585	C <sub>26</sub> H <sub>35</sub> F <sub>3</sub> O <sub>13</sub> S	1,6:3,4-Bis-[O-(2,3-dimethoxybutane-2,3-diy)]-2-O-trifluoromethanesulphonyl-5-O-benzoyl-myo-inositol	122
	2,3,5-Tri-O-benzyl-D-arabonic acid-1,4-lactone	581	C <sub>26</sub> H <sub>36</sub> O <sub>8</sub>	E-Retinoyl b-glucuronide	492
	2,3,5-Tri-O-benzyl-D-arabino-1,4-lactone	580		9-cis-Retinoyl b-D-glucuronide	492
C <sub>26</sub> H <sub>26</sub> O <sub>5</sub> S	Phenyl 2-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside	462		13-cis-Retinoyl b-D-glucuronide	492
C <sub>26</sub> H <sub>27</sub> ClO <sub>4</sub>	2,3,5-Tri-O-benzyl-D-arabinofuranosyl chloride	580	C <sub>26</sub> H <sub>36</sub> N <sub>2</sub> O <sub>12</sub>	2-Acetamido-3,4,6-tri-O-acetyl-1-O-[(N-Cbz-aminoethoxy)ethoxy]-2-deoxy-b-D-galactopyranose	21
	2,3,5-Tri-O-benzyl-1-a-D-arabinofuranosyl chloride	580	C <sub>26</sub> H <sub>37</sub> N <sub>5</sub> O <sub>9</sub>	2-Isobutyramido guanosine 2',3',5'-tris(isobutanoate)	330
C <sub>26</sub> H <sub>28</sub> O <sub>4</sub> S	Phenyl 2,3-di-O-benzyl-6-deoxy-b-D-thioglucofuranoside	466	C <sub>26</sub> H <sub>38</sub> O <sub>7</sub>	E-Retinyl b-glucuronide	492
C <sub>26</sub> H <sub>28</sub> O <sub>5</sub>	2,3,5-Tri-O-benzyl-D-ribose	593	C <sub>26</sub> H <sub>39</sub> O <sub>8</sub> ·Na	2-a-Methyl-5-a-androstan-3-a-ol-17-one glucuronide	376
	2,3,5-Tri-O-benzyl-D-xylofuranose	587	C <sub>26</sub> H <sub>39</sub> NO <sub>9</sub>	(3-N-Boc-aminopropyl) 4,6-O-benzylidene-3-O-pivaloyl-b-D-galactopyranoside	124
	2,3,5-Tri-O-benzyl-b-D-xylofuranose	587	C <sub>26</sub> H <sub>37</sub> O <sub>8</sub> ·Na·2H <sub>2</sub> O	1-Methylene-5-a-androstan-3-a-ol-17-one glucuronide	397
	2,3,5-Tri-O-benzyl-D-ribofuranose	586	C <sub>26</sub> H <sub>40</sub> O <sub>7</sub> SSi	Ethyl 4,6-O-benzylidene-3-O-tert-butylidimethylsilyl-2-O-leveulinoyl-b-D-thioglucofuranoside	244
	2,3,5-Tri-O-benzyl-b-D-ribofuranose	586	C <sub>26</sub> H <sub>40</sub> O <sub>8</sub>	Neoandrographolide	437
	2,3,5-Tri-O-benzyl-L-xylofuranose	584	C <sub>26</sub> H <sub>39</sub> O <sub>8</sub> ·Na·H <sub>2</sub> O	1-a-Methyl-5-a-androstan-3-a-ol-17-one glucuronide	376
	2,3,5-Tri-O-benzyl-D-lyxofuranose	584	C <sub>26</sub> H <sub>43</sub> BrO <sub>9</sub>	2,3,4,6-Tetra-O-pivaloyl-a-D-mannopyranosyl bromide	554
	2,3,4-Tri-O-benzyl-L-arabinopyranose	581		2,3,4,6-Tetra-O-pivaloyl-a-D-glucofuranosyl bromide - stabilised with CaCO <sub>3</sub>	553
	2,3,4-Tri-O-benzyl-b-L-arabinopyranose	580		2,3,4,6-Tetra-O-pivaloyl-a-D-glucofuranosyl bromide	553
	2,3,4-Tri-O-benzyl-b-D-arabinopyranose	580	C <sub>26</sub> H <sub>43</sub> FO <sub>9</sub>	2,3,4,6-Tetra-O-pivaloyl-D-mannopyranosyl fluoride	554
	2,3,5-Tri-O-benzyl-L-arabinofuranose	580	C <sub>26</sub> H <sub>43</sub> N <sub>3</sub> O <sub>9</sub>	2,3,4,6-Tetra-O-pivaloyl-D-glucofuranosyl azide	553
	2,3,5-Tri-O-benzyl-D-arabinofuranose	580		5-Azido-1,2,3,6-tetra-O-pivaloyl-2-deoxy-D-galactofuranoside	95
	2,3,5-Tri-O-benzyl-b-D-arabinofuranose	580	C <sub>26</sub> H <sub>44</sub> O <sub>8</sub>	Darutoside	158
	1,2-Dideoxy-5-O-DMT-D-ribose	208	C <sub>26</sub> H <sub>44</sub> O <sub>9</sub>	2-Deoxy-1,3,4,6-tetra-O-pivaloyl-D-glucofuranoside	186
C <sub>26</sub> H <sub>28</sub> O <sub>6</sub>	Methyl 6-O-trityl-a-D-galactopyranoside	428		1,2,3,6-Tetra-O-pivaloyl-a-D-galactofuranoside	553
C <sub>26</sub> H <sub>28</sub> Cl <sub>3</sub> NO <sub>8</sub>	2,6-Di-O-acetyl-3,4-di-O-benzyl-a-D-mannopyranosyl trichloroacetimidate	194	C <sub>26</sub> H <sub>45</sub> NO <sub>9</sub>	2,3,4,6-Tetra-O-pivaloyl-D-glucofuranosyl amine	553
C <sub>26</sub> H <sub>28</sub> O <sub>14</sub>	Isoshaftoside	342		2,3,4,6-Tetra-O-pivaloyl-b-D-galactopyranosyl amine	553
C <sub>26</sub> H <sub>29</sub> FN <sub>6</sub> O <sub>11</sub>	Raltegravir b-D-glucuronide	489	C <sub>27</sub> H <sub>21</sub> NO <sub>7</sub>	2,3,5-Tri-O-benzoyl-b-D-ribofuranosyl cyanide	579
C <sub>26</sub> H <sub>29</sub> O <sub>13</sub> P	1,2,3,4-Tetra-O-acetyl-6-diphenylphosphoryl-b-D-mannopyranose	522	C <sub>27</sub> H <sub>21</sub> NO <sub>7</sub> S	2,3,5-Tri-O-benzoyl-b-D-ribofuranosyl isothiocyanate	579
C <sub>26</sub> H <sub>29</sub> O <sub>15</sub> Cl	Cyanidin-3-O-sambubioside chloride	153			
C <sub>26</sub> H <sub>29</sub> O <sub>15</sub> Cl	Cyanidin-3-O-lathyruside chloride	153			
C <sub>26</sub> H <sub>30</sub> N <sub>3</sub> O <sub>3</sub> S	Phenyl 4-azido-2,3-di-O-benzyl-4,6-dideoxy-b-D-thioglucofuranoside	461			
C <sub>26</sub> H <sub>30</sub> O <sub>6</sub>	4-Pentenyl 4,6-O-benzylidene-2,3-phenylethylidene-a-D-mannopyranoside	457			
C <sub>26</sub> H <sub>30</sub> O <sub>8</sub> S	4-Methylphenyl 3,4,6-tri-O-acetyl-2-O-benzyl-b-D-thiogalactopyranoside	412			
C <sub>26</sub> H <sub>30</sub> O <sub>9</sub>	1,2,6-Tri-O-acetyl-3,4-di-O-benzyl-a-D-mannopyranose	569			
	1,3,6-Tri-O-acetyl-2,4-di-O-benzyl-a-D-glucofuranose	569			
	4-C-Acetoxyethyl-1,2-di-O-acetyl-3,5-di-O-benzyl-D-ribofuranose	27			
	4-C-Acetoxyethyl-1,2-di-O-acetyl-3,5-di-O-benzyl-a-D-ribofuranose	26			
C <sub>26</sub> H <sub>30</sub> O <sub>10</sub>	4-Methoxyphenyl 2,4,6-tri-O-acetyl-3-O-benzyl-b-D-glucofuranoside	370			
C <sub>26</sub> H <sub>31</sub> NO <sub>6</sub>	Cyclobenzaprine b-D-glucuronide	155			
C <sub>26</sub> H <sub>31</sub> NO <sub>8</sub>	Benzyl N-acetyl-4,6-O-benzylidene-a-isomuramic acid methyl ester	103			
	Benzyl 2-acetamido-4,6-O-benzylidene-2-deoxy-a-D-muramic acid methyl ester	100			
C <sub>26</sub> H <sub>31</sub> NO <sub>9</sub>	Benzyl 2-acetamido-6-O-benzoyl-2-deoxy-a-D-muramic acid methyl ester	99			

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>27</sub> H <sub>21</sub> Cl <sub>3</sub> O <sub>8</sub>	Methyl 2,3,5-tri-O-(p-chlorobenzoyl)-b-D-ribofuranoside	427	C <sub>27</sub> H <sub>30</sub> O <sub>8</sub>	2,3,4-Tri-O-benzyl-L-fucopyranose	583
C <sub>27</sub> H <sub>21</sub> F <sub>3</sub> O <sub>10</sub> S	1,3,5-Tri-O-benzoyl-2-O-(trifluoromethanesulfonyl)-a-D-ribofuranose	580	C <sub>27</sub> H <sub>30</sub> O <sub>8</sub>	3,4,6-Tri-O-benzyl-2-deoxy-D-galactopyranose	582
C <sub>27</sub> H <sub>22</sub> O <sub>8</sub>	2,3,5-Tri-O-benzoyl-2-C-methyl-D-ribonic acid-1,4-lactone	578	C <sub>27</sub> H <sub>30</sub> O <sub>8</sub>	3,4,6-Tri-O-benzyl-2-deoxy-D-galactopyranose	582
C <sub>27</sub> H <sub>22</sub> O <sub>18</sub>	Corlugin	151	C <sub>27</sub> H <sub>30</sub> O <sub>8</sub>	1,3,6-Tri-O-benzoyl-2-deoxy-a-D-glucopyranoside	576
C <sub>27</sub> H <sub>23</sub> NO <sub>6</sub> S	Phenyl 4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-thioglucofuranoside	462	C <sub>27</sub> H <sub>30</sub> O <sub>8</sub>	Methyl 2,3,5-tri-O-benzyl-b-D-ribofuranoside	426
C <sub>27</sub> H <sub>23</sub> BrO <sub>7</sub>	2,3,4-Tri-O-benzoyl-L-fucopyranosyl bromide	577	C <sub>27</sub> H <sub>30</sub> O <sub>8</sub>	Methyl 2,3,5-tri-O-benzyl-a-D-arabinofuranoside	424
C <sub>27</sub> H <sub>23</sub> FO <sub>7</sub>	2,3,4-Tri-O-benzoyl-a-L-rhamnopyranosyl fluoride	579	C <sub>27</sub> H <sub>30</sub> O <sub>8</sub>	2,3,4-Tri-O-benzyl-D-glucopyranose	583
C <sub>27</sub> H <sub>23</sub> O <sub>7</sub>	1,2,3-Tri-O-benzoyl-4,6-dideoxy-4-iodo-a-L-glucopyranose	577	C <sub>27</sub> H <sub>30</sub> O <sub>8</sub>	3,5,6-Tri-O-benzyl-D-glucopyranose	583
C <sub>27</sub> H <sub>23</sub> N <sub>3</sub> O <sub>10</sub>	Deferasirox acyl-b-D-glucuronide	160	C <sub>27</sub> H <sub>30</sub> O <sub>7</sub>	1,2,3-Tri-O-benzyl-b-D-galactopyranoside	583
C <sub>27</sub> H <sub>24</sub> Cl <sub>6</sub> O <sub>5</sub>	Methyl 2,3,5-tri-O-(2,4-dichlorobenzoyl)-b-D-ribofuranoside	427	C <sub>27</sub> H <sub>30</sub> O <sub>7</sub>	4-Methoxyphenyl 2,6-di-O-benzyl-b-D-galactopyranoside	367
C <sub>27</sub> H <sub>24</sub> O <sub>7</sub>	1,2,5-Tri-O-benzoyl-3-methyl-D-xylofuranose	578	C <sub>27</sub> H <sub>30</sub> O <sub>7</sub>	4-Methoxyphenyl 2,3-di-O-benzyl-b-D-galactopyranoside	367
C <sub>27</sub> H <sub>24</sub> O <sub>8</sub>	1,2,3-Tri-O-benzoyl-4-deoxy-a-L-fucopyranose	576	C <sub>27</sub> H <sub>29</sub> NO <sub>10</sub> ·HCl	Daunorubicin HCl	158
C <sub>27</sub> H <sub>24</sub> O <sub>8</sub>	2,3,5-Tri-O-benzoyl-2-C-methyl-D-ribofuranose	578	C <sub>27</sub> H <sub>30</sub> O <sub>16</sub>	Quercetin 3-O-glucoside-7-O-rhamnoside	487
C <sub>27</sub> H <sub>24</sub> O <sub>8</sub>	1,3,5-Tri-O-benzoyl-2-O-methyl-D-ribofuranose	578	C <sub>27</sub> H <sub>31</sub> NO <sub>6</sub>	Kaempferol-3,7-di-O-glucoside	343
C <sub>27</sub> H <sub>24</sub> O <sub>8</sub>	2,3,4-Tri-O-benzoyl-L-fucopyranose	577	C <sub>27</sub> H <sub>31</sub> NO <sub>6</sub>	4-Methoxyphenyl 2-amino-3,6-di-O-benzyl-2-deoxy-b-D-glucopyranoside	365
C <sub>27</sub> H <sub>24</sub> O <sub>8</sub>	1,2,3-Tri-O-benzoyl-a-L-fucopyranose	577	C <sub>27</sub> H <sub>31</sub> ClFNO <sub>8</sub>	Haloperidol b-D-glucuronide	307
C <sub>27</sub> H <sub>24</sub> O <sub>8</sub>	Methyl 2,3,5-tri-O-benzoyl-b-D-arabinofuranoside	421	C <sub>27</sub> H <sub>31</sub> NO <sub>10</sub>	Daunorubicinol	159
C <sub>27</sub> H <sub>24</sub> O <sub>8</sub>	Methyl 2,3,5-tri-O-benzoyl-a-D-arabinofuranoside	421	C <sub>27</sub> H <sub>31</sub> D <sub>5</sub> N <sub>2</sub> O <sub>11</sub>	Ramiprilat-D5 acyl-b-D-glucuronide	490
C <sub>27</sub> H <sub>24</sub> O <sub>18</sub>	1,4,6-Tri-O-galloylglucose	590	C <sub>27</sub> H <sub>31</sub> FN <sub>6</sub> O <sub>11</sub>	Raltegravir b-D-glucuronide methyl ester	490
C <sub>27</sub> H <sub>24</sub> O <sub>18</sub>	1,3,6-Tri-O-galloylglucose	590	C <sub>27</sub> H <sub>31</sub> NO <sub>1</sub> S	3-Desmethylthiocolchicine-3-O-D-glucuronide	189
C <sub>27</sub> H <sub>24</sub> O <sub>18</sub>	1,2,6-Tri-O-galloylglucose	590	C <sub>27</sub> H <sub>31</sub> NO <sub>12</sub>	3-Demethyl colchicine 3-O-b-D-glucuronide	162
C <sub>27</sub> H <sub>25</sub> NO <sub>5</sub> S	Phenyl N-Benzyl-2-amino-4,6-O-benzylidene-2-N,3-O-carbonyl-2-deoxy-1-thio-b-D-glucopyranoside	462	C <sub>27</sub> H <sub>31</sub> O <sub>16</sub> Cl	Cyanidin-3-O-sophoroside chloride	154
C <sub>27</sub> H <sub>26</sub> O <sub>6</sub>	Benzyl 2,3,4,6-di-O-benzylidene-a-D-mannopyranoside	108	C <sub>27</sub> H <sub>31</sub> O <sub>16</sub> Cl	Cyanidin-3,5-di-O-glucoside	153
C <sub>27</sub> H <sub>26</sub> O <sub>7</sub>	4-Methoxyphenyl 2,3,4,6-di-O-benzylidene-a-D-mannopyranoside	367	C <sub>27</sub> H <sub>31</sub> O <sub>17</sub> Cl	Delphinidin 3,5-diglucoside	161
C <sub>27</sub> H <sub>26</sub> O <sub>7</sub> S	Methyl (phenyl 2-O-benzoyl-3-O-benzyl-1-thio-a-L-idopyranosyluronate)	410	C <sub>27</sub> H <sub>32</sub> O <sub>7</sub> S	Ethyl 3-O-benzyl-4,6-O-benzylidene-2-O-levulinoyl-b-D-thioglucofuranoside	244
C <sub>27</sub> H <sub>26</sub> O <sub>8</sub> S	2,5-Anhydro-4,6-di-O-benzoyl-1-(p-toluenesulfonyl)-D-glucitol	73	C <sub>27</sub> H <sub>32</sub> FN <sub>3</sub> O <sub>10</sub>	rac cis-moxifloxacin acyl-b-D-glucuronide	433
C <sub>27</sub> H <sub>26</sub> D <sub>3</sub> NO <sub>10</sub>	Daunorubicin-d3	158	C <sub>27</sub> H <sub>33</sub> NO <sub>7</sub>	Hydroxyterbinafine b-D-glucuronide	321
<sup>13</sup> C <sub>27</sub> H <sub>26</sub> D <sub>3</sub> NO <sub>10</sub>	Daunorubicin-13C, d3	158	C <sub>27</sub> H <sub>33</sub> ClFNO <sub>9</sub>	Haloperidol-1-hydroxy-2'-b-D-glucuronide	308
C <sub>27</sub> H <sub>26</sub> O <sub>12</sub>	Resveratrol-4'-O-(6"-galloyl)glucoside	491	C <sub>27</sub> H <sub>33</sub> NO <sub>11</sub>	Colchicoside	150
C <sub>27</sub> H <sub>26</sub> CINO <sub>12</sub>	Acemetacin-acyl-b-D-glucuronide	9	C <sub>27</sub> H <sub>34</sub> O <sub>11</sub>	Phillyrin	474
C <sub>27</sub> H <sub>26</sub> O <sub>18</sub>	Luteolin 7,3'-di-O-glucuronide	350	C <sub>27</sub> H <sub>34</sub> O <sub>11</sub>	Arctiin	85
C <sub>27</sub> H <sub>27</sub> Cl <sub>3</sub> O <sub>5</sub>	2,3,5-Tri-O-p-chlorobenzyl-L-fucopyranoside	588	C <sub>27</sub> H <sub>36</sub> O <sub>10</sub>	11-Δ9-Tetrahydro cannabinol-9-carboxylic acid b-D-glucuronide	551
C <sub>27</sub> H <sub>27</sub> NO <sub>6</sub>	3,4,6-Tri-O-benzyl-2-nitro-D-galactal	586	C <sub>27</sub> H <sub>36</sub> O <sub>10</sub>	11-Nor-Δ9-tetrahydro cannabinol-9-carboxylate acyl-b-D-glucuronide	443
C <sub>27</sub> H <sub>27</sub> NO <sub>10</sub>	Benzyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	120	C <sub>27</sub> H <sub>36</sub> N <sub>2</sub> O <sub>11</sub>	Ramiprilat acyl-b-D-glucuronide	490
C <sub>27</sub> H <sub>27</sub> NO <sub>11</sub>	9,10-Anhydro doxorubicin	73	C <sub>27</sub> H <sub>38</sub> O <sub>9</sub>	11a-Hydroxy progesterone b-D-glucuronide	320
C <sub>27</sub> H <sub>28</sub> O <sub>4</sub>	4-Methoxyphenyl 3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	370	C <sub>27</sub> H <sub>40</sub> O <sub>10</sub>	Alphadolone 3-b-D-glucuronide	54
C <sub>27</sub> H <sub>28</sub> O <sub>4</sub>	3,4,6-Tri-O-benzyl-D-glucal	583	C <sub>27</sub> H <sub>42</sub> O <sub>11</sub>	Alphadolone 21-b-D-glucuronide	54
C <sub>27</sub> H <sub>28</sub> O <sub>4</sub>	3,4,6-Tri-O-benzyl-D-galactal	583	C <sub>27</sub> H <sub>42</sub> O <sub>11</sub>	Allo-3α-tetrahydro cortisol 3-O-b-D-glucuronide	47
C <sub>27</sub> H <sub>28</sub> O <sub>5</sub>	2,3-O-Isopropylidene-5-O-trityl-D-ribofuranose	340	C <sub>27</sub> H <sub>43</sub> O <sub>9</sub> ·Na	7-b,17-a-Dimethyl-5-b-androstane-3-a,17-b-diol glucuronide	227
C <sub>27</sub> H <sub>28</sub> O <sub>5</sub>	1,6-Anhydro-2,3,4-tri-O-benzyl-b-D-glucopyranose	78	C <sub>27</sub> H <sub>43</sub> O <sub>9</sub> ·Na	7-a,17-a-Dimethyl-5-b-androstane-3-a,17-b-diol glucuronide	227
C <sub>27</sub> H <sub>28</sub> O <sub>5</sub> S	4-Toluoyl-2-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside	559	C <sub>27</sub> H <sub>43</sub> NO <sub>9</sub> S	2,3,4,6-Tetra-O-pivaloyl-b-D-galactopyranosyl isothiocyanate	553
C <sub>27</sub> H <sub>28</sub> O <sub>6</sub>	1,3-Di-O-benzyl-4,6-O-benzylidene-a-D-mannopyranoside	201	C <sub>27</sub> H <sub>44</sub> O <sub>8</sub>	Pregnanediol 3a-O-b-D-glucuronide	478
C <sub>27</sub> H <sub>28</sub> O <sub>6</sub>	1,2-Di-O-benzyl-4,6-O-benzylidene-a-D-mannopyranoside	201	C <sub>27</sub> H <sub>44</sub> O <sub>9</sub>	Pregnanetriol 3a-O-b-D-glucuronide	479
C <sub>27</sub> H <sub>28</sub> O <sub>7</sub>	4-Methoxyphenyl 3-O-benzyl-4,6-O-benzylidene-b-D-glucopyranoside	365	C <sub>27</sub> H <sub>44</sub> O <sub>11</sub>	1,2,3,4-Tetra-O-pivaloyl-b-D-glucuronide methyl ester	554
C <sub>27</sub> H <sub>28</sub> O <sub>9</sub>	(S)-Naproxen acyl-b-D-glucuronide benzyl ester	437	C <sub>27</sub> H <sub>45</sub> N <sub>3</sub> O <sub>19</sub> P <sub>2</sub>	UDP-(3-O-(R-(3-hydroxydecanoyl)) N-acetylglucosamine	598
C <sub>27</sub> H <sub>28</sub> O <sub>9</sub>	(S)-Naproxen acyl-b-D-glucuronide benzyl ester	437	C <sub>28</sub> H <sub>21</sub> Cl <sub>3</sub> O <sub>9</sub>	1-O-Acetyl-2,3,5-tri-O-p-chlorobenzoyl-b-D-ribofuranose	43
C <sub>27</sub> H <sub>28</sub> N <sub>3</sub> O <sub>6</sub>	(R)-Naproxen acyl-b-D-glucuronide benzyl ester	437	C <sub>28</sub> H <sub>23</sub> BrO <sub>9</sub>	2,3,4-Tri-O-benzoyl-1-bromo-D-glucuronide methyl ester	576
C <sub>27</sub> H <sub>29</sub> N <sub>3</sub> O <sub>6</sub>	4-Methoxyphenyl 2-azido-3,6-di-O-benzyl-2-deoxy-b-D-glucopyranoside	365	C <sub>28</sub> H <sub>24</sub> Cl <sub>2</sub> O <sub>7</sub> S	1-Bromo-2,3,4-tri-O-benzoyl-a-D-glucuronide methyl ester	126
C <sub>27</sub> H <sub>29</sub> NO <sub>10</sub>	Daunorubicin	158	C <sub>28</sub> H <sub>24</sub> O <sub>8</sub> S	1,5-Anhydro-4,6-O-benzylidene-3-O-[2,4-dichlorophenyl]thiocarbonyloxy-2-O-toluoyl-D-glucitol	70
C <sub>27</sub> H <sub>29</sub> NO <sub>11</sub>	Epirubicin	236	C <sub>28</sub> H <sub>24</sub> O <sub>8</sub> S	1-O-Acetyl-2,3,5-tri-O-benzoyl-4-thio-b-D-ribofuranose	42
C <sub>27</sub> H <sub>30</sub> O <sub>5</sub>	2,3,4-Tri-O-benzyl-L-rhamnopyranose	586	C <sub>28</sub> H <sub>24</sub> O <sub>9</sub>	1-O-Acetyl-2,3,5-tri-O-benzoyl-D-ribofuranose	42
			C <sub>28</sub> H <sub>24</sub> O <sub>9</sub>	1-O-Acetyl-2,3,5-tri-O-benzoyl-b-L-ribofuranose	42
			C <sub>28</sub> H <sub>24</sub> O <sub>10</sub>	1-O-Acetyl-2,3,5-tri-O-benzoyl-b-D-ribofuranose	42
			C <sub>28</sub> H <sub>24</sub> O <sub>10</sub>	2,3,4-Tri-O-benzoyl-D-glucuronide methyl ester	577
			C <sub>28</sub> H <sub>24</sub> O <sub>16</sub>	Quercetin 3-b-galactoside-2'-O-gallate	486

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C<sub>29</sub>H<sub>29</sub>Cl<sub>3</sub>N<sub>4</sub>O<sub>5</sub>

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C <sub>28</sub> H <sub>25</sub> NO <sub>7</sub>	Benzyl 4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside	105	C <sub>28</sub> H <sub>34</sub> N <sub>2</sub> O <sub>13</sub>	Tetracycline 10-O-b-D-galactopyranoside	550
C <sub>28</sub> H <sub>25</sub> ClO <sub>8</sub>	Methyl 2,3,6-tri-O-benzoyl-4-deoxy-4-chloro-a-D-glucopyranoside	422	C <sub>28</sub> H <sub>35</sub> NO <sub>14</sub> S	Phenyl 4,7,8,9-tetra-O-acetyl-2-thio-N-glycolyl-D-neuraminic acid methyl ester	470
C <sub>28</sub> H <sub>25</sub> FO <sub>8</sub>	Methyl 2,3,6-tri-O-benzyl-4-deoxy-4-fluoro-a-D-glucopyranoside	424		5-(Acetylamino)-5-deoxy-3-S-phenyl-3-thio-D-erythro-a-L-gluco-2-nonulopyranosonic acid methyl ester 2,4,7,8,9-pentaacetate	28
	Methyl 2,3,6-tri-O-benzoyl-4-deoxy-4-fluoro-a-D-glucopyranoside	422	C <sub>28</sub> H <sub>36</sub> FN <sub>3</sub> O <sub>12</sub> S	Rosuvastatin acyl-b-D-glucuronide	499
C <sub>28</sub> H <sub>25</sub> NO <sub>8</sub>	4-Methoxyphenyl 4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside	366	C <sub>28</sub> H <sub>37</sub> FO <sub>11</sub>	Betamethasone b-D-glucuronide	121
C <sub>28</sub> H <sub>26</sub> O <sub>8</sub>	Methyl 2,3-di-O-benzoyl-4,6-O-benzylidene-a-D-mannopyranoside	392	C <sub>28</sub> H <sub>38</sub> N <sub>2</sub> O <sub>11</sub>	Trandolapril acyl-D-glucuronide	562
	Methyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-glucopyranoside	391	C <sub>28</sub> H <sub>38</sub> O <sub>19</sub>	Trehalose octoacetate	562
	Methyl 2,3-di-O-benzoyl-4,6-O-benzylidene-a-D-galactopyranoside	391	C <sub>28</sub> H <sub>38</sub> NO <sub>8</sub>	5-Hydroxy methyl tolterodine b-D-glucuronide	318
	Methyl 2,3-di-O-benzoyl-4,6-O-benzylidene-a-D-galactopyranoside	391	C <sub>28</sub> H <sub>39</sub> O <sub>10</sub> F	Dexamethasone 21-O-b-D-galactopyranoside	190
C <sub>28</sub> H <sub>26</sub> O <sub>9</sub>	Methyl 2,3,6-tri-O-benzoyl-a-D-mannopyranoside	423	C <sub>28</sub> H <sub>39</sub> N <sub>3</sub> O <sub>11</sub>	2-Acetamido-3,4,6-tri-O-acetyl-N,N-cbz-epsilon-aminocaproyl-2-deoxy-b-D-glucopyranosyl amine	21
	Methyl 2,3,6-tri-O-benzoyl-a-D-glucopyranoside	422		4,6-O-Benzylidene-1,2,3-tri-O-pivaloyl-a-D-mannopyranose	115
	Methyl 2,3,6-tri-O-benzoyl-a-D-galactopyranoside	422	C <sub>28</sub> H <sub>40</sub> O <sub>9</sub>	4,6-O-Benzylidene-1,2,3-tri-O-pivaloyl-b-D-glucopyranose	115
	Methyl (1,2-Di-O-benzoyl-3-O-benzyl-a-L-idopyranosyluronate)	392		4,6-O-Benzylidene-1,2,3-tri-O-pivaloyl-b-D-galactopyranose	115
C <sub>28</sub> H <sub>26</sub> N <sub>2</sub> O <sub>10</sub>	4-Nitrophenyl 2-acetamido-3,6-di-O-benzoyl-2-deoxy-b-D-glucopyranoside	440	C <sub>28</sub> H <sub>40</sub> N <sub>2</sub> O <sub>11</sub>	2-Acetamido-3,4,6-tri-O-acetyl-1-O-(N-Cbz-6-aminohexyl)-2-deoxy-b-D-galactopyranose	21
C <sub>28</sub> H <sub>26</sub> F <sub>3</sub> NO <sub>11</sub>	N-(Trifluoroacetyl)-1-desmethyl daunorubicin	589	C <sub>28</sub> H <sub>38</sub> N <sub>2</sub> O <sub>8</sub> ; C <sub>2</sub> H <sub>6</sub>	3-Hydroxystanzolol glucuronide	321
C <sub>28</sub> H <sub>27</sub> NO <sub>8</sub>	4-Methoxyphenyl 3-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	366	C <sub>28</sub> H <sub>46</sub> N <sub>2</sub> O <sub>9</sub>	2'-(N-Hexadecanoylamino)-4'-nitrophenyl-b-D-glucopyranoside	309
C <sub>28</sub> H <sub>27</sub> NO <sub>12</sub>	Lactonamycin	346		2'-(N-Hexadecanoylamino)-4'-nitrophenyl-b-D-galactopyranoside	309
C <sub>28</sub> H <sub>28</sub> O <sub>11</sub>	Aloeresin A	53	C <sub>28</sub> H <sub>52</sub> O <sub>9</sub> Si	Methyl 6-O-tert-butyl(dimethylsilyl)-2,3,4-tri-O-pivaloyl-a-D-mannopyranoside	383
C <sub>28</sub> H <sub>28</sub> N <sub>2</sub> O <sub>11</sub>	SN-38 glucuronide	505		Methyl 6-O-tert-butyl(dimethylsilyl)-2,3,4-tri-O-pivaloyl-a-D-glucopyranoside	383
C <sub>28</sub> H <sub>28</sub> O <sub>18</sub>	Diosmetin-3',7'-diglucuronide	229		Methyl 6-O-tert-butyl(dimethylsilyl)-2,3,4-tri-O-pivaloyl-a-D-galactopyranoside	382
C <sub>28</sub> H <sub>30</sub> O <sub>5</sub>	2,5-Anhydro-1,3-O-isopropylidene-6-O-trityl-D-glucitol	76	C <sub>28</sub> H <sub>53</sub> NO <sub>8</sub>	b-D-Glucosyl C4-ceramide	300
C <sub>28</sub> H <sub>30</sub> O <sub>5</sub> S	1-S-Phenyl-2-O-acetyl-3,4-di-O-benzyl-a-L-thiorhamnopyranose	460	C <sub>28</sub> H <sub>57</sub> O <sub>8</sub> P	Phosphatidyl 1-(D-2,3-dideoxy-myo-inositol)	475
	Methyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-mannopyranoside	392	C <sub>29</sub> H <sub>24</sub> Cl <sub>3</sub> NO <sub>8</sub>	2,3,4-Tri-O-benzyl-a-L-fucopyranosyl trichloroacetimidate	577
	Methyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-galactopyranoside	392		1,3,5-Tri-O-benzoyl-2-O-(1H-imidazole-1-sulfonato)-a-D-ribofuranose	578
	Methyl 4,6-O-benzylidene-2,3-di-O-benzyl-a-D-glucopyranoside	380	C <sub>29</sub> H <sub>25</sub> F <sub>3</sub> O <sub>11</sub> S	Methyl 2,3,6-tri-O-benzoyl-4-O-trifluoromethanesulfonyl-a-D-galactopyranoside	423
	1-O-Acetyl-2,3,5-tri-O-benzyl-L-ribofuranose	43	C <sub>29</sub> H <sub>26</sub> O <sub>10</sub>	1-Pyrenyl-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester	484
	1-O-Acetyl-2,3,5-tri-O-benzyl-D-ribofuranose	43		6-O-Acetyl-2,3,4-tri-O-benzoyl-b-D-mannopyranose	42
	1-O-Acetyl-2,3,5-tri-O-benzyl-b-D-ribofuranose	43	C <sub>29</sub> H <sub>27</sub> NO <sub>7</sub>	Methyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranose	379
C <sub>28</sub> H <sub>30</sub> O <sub>7</sub>	2,3,4-Tri-O-benzyl-D-glucuronide methyl ester	584		4-Methoxyphenyl 2-deoxy-4,6-O-(4-methoxybenzylidene)-2-phthalimido-b-D-glucopyranoside	367
	2,5-Anhydro-3-deoxy-6-O-DMT-D-ribo-hexonic acid methyl ester	71	C <sub>29</sub> H <sub>28</sub> FNO <sub>7</sub>	Benzyl 2-acetamido-3,6-di-O-benzoyl-2,4-dideoxy-4-fluoro-a-D-glucopyranoside	102
C <sub>28</sub> H <sub>30</sub> N <sub>2</sub> O <sub>10</sub>	R,S-Ambriasantan-acyl-b-D-glucuronide	54	C <sub>29</sub> H <sub>28</sub> O <sub>7</sub> S	Ethyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-thioglucofuranoside	247
C <sub>28</sub> H <sub>30</sub> O <sub>10</sub> S <sub>2</sub>	Methyl 4,6-O-benzylidene-2,3-di-O-p-toluenesulfonyl-a-D-glucopyranoside	381		Ethyl 2,3-di-O-benzoyl-4,6-O-benzylidene-b-D-thiogalactopyranoside	247
C <sub>28</sub> H <sub>30</sub> D <sub>8</sub> FN <sub>3</sub> O <sub>12</sub> S	Rosuvastatin-D6 acyl-b-D-glucuronide	499	C <sub>29</sub> H <sub>28</sub> O <sub>8</sub> S	Ethyl 2,4,6-tri-O-benzoyl-a-D-thiomannopyranoside	254
C <sub>28</sub> H <sub>30</sub> O <sub>18</sub>	Hesperetin 7,3'-O-b-D-glucuronide	308		Ethyl 2,4,6-tri-O-benzoyl-b-D-thiogalactopyranoside	254
C <sub>28</sub> H <sub>30</sub> Na <sub>9</sub> O <sub>27</sub>	Croscarmellose sodium	152	C <sub>29</sub> H <sub>28</sub> O <sub>9</sub>	Methyl 2,3-di-O-benzoyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranoside	392
C <sub>28</sub> H <sub>31</sub> ClNa <sub>9</sub> O <sub>7</sub>	Losartan N2-glucuronide	349		Methyl 2,3-di-O-benzoyl-4,6-O-(4-methoxybenzylidene)-a-D-glucopyranoside	392
	Losartan N2-glucuronide	349	C <sub>29</sub> H <sub>29</sub> N <sub>3</sub> O <sub>4</sub>	Anhydro-4-azido-5,6,8-tri-O-benzyl-1,2,4-trideoxy-D-glycero-D-gulo-oct-1-ynitol	70
	Losartan N1-glucuronide	349	C <sub>29</sub> H <sub>29</sub> NO <sub>5</sub>	Cyanomethyl 2,3-O-isopropylidene-5-O-trityl-D-ribofuranoside	154
C <sub>28</sub> H <sub>32</sub> O <sub>2</sub> S	Methyl 2,3,4-tri-O-benzyl-b-L-thiofucopyranoside	426	C <sub>29</sub> H <sub>29</sub> Cl <sub>3</sub> N <sub>4</sub> O <sub>5</sub>	6-Azido-2,3,4-tri-O-benzyl-6-deoxy-a-D-mannopyranosyl trichloroacetimidate	95
C <sub>28</sub> H <sub>32</sub> O <sub>5</sub>	Methyl 2,3,4-tri-O-benzyl-L-fucopyranoside	425			
	Methyl 2,3,4-tri-O-benzyl-b-L-fucopyranoside	425			
C <sub>28</sub> H <sub>32</sub> O <sub>6</sub>	Methyl 2,3,6-tri-O-benzyl-b-D-glucopyranoside	425			
	Methyl 2,3,6-tri-O-benzyl-a-D-glucopyranoside	425			
	Methyl 2,3,4-tri-O-benzyl-a-D-glucopyranoside	425			
	Methyl 2,3,6-tri-O-benzyl-a-D-galactopyranoside	425			
	Methyl 2,3,4-tri-O-benzyl-D-galactopyranoside	425			
C <sub>28</sub> H <sub>32</sub> O <sub>9</sub> S	4-Methylphenyl 2-O-acetyl-3-O-benzyl-4-O-levulinoyl-b-D-thioglucofuranoside methyl ester	409			
C <sub>28</sub> H <sub>32</sub> O <sub>16</sub>	Isorhamnetin 3-glucoside-7-rhamnoside	342			
C <sub>28</sub> H <sub>33</sub> ClO <sub>15</sub>	Delphinidin 3-O-rutinoside	162			
C <sub>28</sub> H <sub>34</sub> F <sub>3</sub> N <sub>3</sub> O <sub>7</sub> S	Fluphenazine b-D-glucuronide	261			

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C <sub>29</sub> H <sub>29</sub> N <sub>3</sub> O <sub>6</sub> S	Ethyl 6-azido-2,4-di-O-benzoyl-3-O-benzyl-6-deoxy-a-D-thiomannopyranoside	242
C <sub>29</sub> H <sub>29</sub> NO <sub>7</sub>	Methyl 3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	393
C <sub>29</sub> H <sub>29</sub> N <sub>3</sub> O <sub>7</sub>	1-O-Acetyl-2-azido-2-deoxy-3,4-di-O-benzyl-6-O-benzoyl-D-glucopyranose	29
C <sub>29</sub> H <sub>29</sub> NO <sub>8</sub>	Benzyl 2-acetamido-3,6-di-O-benzoyl-2-deoxy-a-D-glucopyranoside	102
	Benzyl 2-acetamido-3,6-di-O-benzoyl-2-deoxy-a-D-galactopyranoside	102
C <sub>29</sub> H <sub>30</sub> O <sub>5</sub>	2-C-(2,3,4,6-Tetra-O-benzyl-b-D-glucopyranosyl) ethyne	547
	2-C-(2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl) ethyne	547
C <sub>29</sub> H <sub>30</sub> O <sub>9</sub>	4-Methoxyphenyl 2,6-di-O-toluoyl-b-D-galactopyranoside	368
C <sub>29</sub> H <sub>31</sub> NO <sub>6</sub>	2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-D-glucuno-1,5-lactone	25
	2-Acetamido-1,3-di-O-benzyl-4,6-O-benzylidene-2-deoxy-b-D-glucopyranoside	17
C <sub>29</sub> H <sub>31</sub> FO <sub>7</sub>	4,6-O-Benzylidene-2,3-di-O-(4-methoxybenzyl)-a-D-galactopyranosyl fluoride	113
C <sub>29</sub> H <sub>31</sub> NO <sub>12</sub>	2,3,4-Tri-O-acetyl-b-D-xylopyranosyl-Fmoc-L-serine	574
C <sub>29</sub> H <sub>31</sub> NO <sub>15</sub>	4'-O-(b-D-2',3',4',6"-Tetra-O-acetyl-glycopyranosyl)-4-nitrofloretin	530
	4'-O-(b-D-2,3,4,6-Tetra-O-acetyl-glycopyranosyl)-4-nitrofloretin	530
C <sub>29</sub> H <sub>32</sub> N <sub>4</sub> O <sub>5</sub>	2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-b-D-glucopyranosyl azide	25
C <sub>29</sub> H <sub>32</sub> O <sub>5</sub> S	Ethyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside	247
	Ethyl 2,3-di-O-benzyl-4,6-O-benzylidene-b-D-thioglucofuranoside	247
C <sub>29</sub> H <sub>32</sub> O <sub>5</sub> Si	6-O-Benzoyl-3-O-tert-butylidiphenylsilyl-D-galactal	97
C <sub>29</sub> H <sub>32</sub> O <sub>6</sub>	Methyl 3,4-O-isopropylidene-6-O-trityl-a-D-galactopyranoside	405
C <sub>29</sub> H <sub>32</sub> O <sub>6</sub> S	Ethyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside S-oxide	247
C <sub>29</sub> H <sub>32</sub> O <sub>7</sub>	Methyl 2,3-di-O-benzyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranoside	394
	Methyl 2,3-di-O-benzyl-4,6-O-(4-methoxybenzylidene)-a-D-glucopyranoside	394
	Methyl 2,3-di-O-benzyl-4,6-O-(4-methoxybenzylidene)-a-D-galactopyranoside	394
	Etoposide	256
C <sub>29</sub> H <sub>32</sub> O <sub>13</sub>	4,7,8,9-Tetra-O-acetyl-5-(2,2,2-trichloroethoxy carbonylamino)-2-(N-phenyltrifluoroacetimidate)-D-neuraminic acid methyl ester	538
C <sub>29</sub> H <sub>33</sub> N <sub>3</sub> O <sub>4</sub> S	Ethyl 6-azido-2,3,4-tri-O-benzyl-6-deoxy-a-D-thiomannopyranoside	242
C <sub>29</sub> H <sub>33</sub> N <sub>3</sub> O <sub>5</sub> Si	1-O-tert-Butylidiphenylsilyl-2-azido-4,6-O-benzylidene-2-deoxy-b-D-galactopyranoside	132
C <sub>29</sub> H <sub>33</sub> NO <sub>6</sub>	2-Acetamido-1,3,6-tri-O-benzyl-2-deoxy-b-D-glucopyranoside	25
	2-Acetamido-1,3,6-tri-O-benzyl-2-deoxy-a-D-glucopyranoside	25
C <sub>29</sub> H <sub>34</sub> O <sub>4</sub> S	Ethyl 2,3,4-tri-O-benzyl-L-thiofucopyranoside	255
	Ethyl 2,3,4-tri-O-benzyl-b-L-thiofucopyranoside	255
C <sub>29</sub> H <sub>34</sub> O <sub>5</sub>	Ethyl 2,3,4-tri-O-benzyl-L-fucopyranoside	254
	5-O-Allyl-2,3,4-tri-O-benzyl-D-ribitol	53
C <sub>29</sub> H <sub>34</sub> O <sub>5</sub> S	Ethyl 2,3,6-tri-O-benzyl-b-D-thioglucofuranoside	255
	Ethyl 2,3,4-tri-O-benzyl-b-D-thioglucofuranoside	255
C <sub>29</sub> H <sub>34</sub> O <sub>6</sub>	Ethyl 3,3,6-tri-O-benzyl-D-glucofuranoside	254
C <sub>29</sub> H <sub>35</sub> NO <sub>9</sub>	6-O-Desmethyl donepezil b-D-glucuronide	189
C <sub>29</sub> H <sub>35</sub> D <sub>3</sub> N <sub>2</sub> O <sub>11</sub>	Ramipril-D5 acyl-b-D-glucuronide	490
C <sub>29</sub> H <sub>35</sub> O <sub>17</sub> Cl	Malvidin 3,5-diglucoside	354
C <sub>29</sub> H <sub>38</sub> O <sub>5</sub> Si	Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidiphenylsilyl-a-D-mannopyranoside	418
	Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidiphenylsilyl-a-D-glucopyranoside	418

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C <sub>29</sub> H <sub>38</sub> O <sub>9</sub> Si	Methyl 2,3,4-tri-O-acetyl-6-O-tert-butylidiphenylsilyl-a-D-galactopyranoside	418
C <sub>29</sub> H <sub>39</sub> N <sub>3</sub> O <sub>10</sub>	Desmethyl ranolazine b-D-glucuronide	189
C <sub>29</sub> H <sub>40</sub> N <sub>2</sub> O <sub>11</sub>	Ramipril acyl-b-D-glucuronide	490
C <sub>29</sub> H <sub>42</sub> O <sub>10</sub>	4,6-O-(4-Methoxybenzylidene)-1,2,3-tri-O-pivaloyl-a-D-mannopyranose	362
	4,6-O-(4-Methoxybenzylidene)-1,2,3-tri-O-pivaloyl-b-D-glucopyranose	362
	4,6-O-(4-Methoxybenzylidene)-1,2,3-tri-O-pivaloyl-b-D-galactopyranose	362
C <sub>29</sub> H <sub>42</sub> NO <sub>11</sub> P	Fosinoprilat acyl-b-D-glucuronide	264
C <sub>29</sub> H <sub>44</sub> O <sub>8</sub>	Evomonoside	257
C <sub>29</sub> H <sub>44</sub> O <sub>12</sub>	Ouabain - anhydrous	447
C <sub>29</sub> H <sub>44</sub> O <sub>12</sub> ·2H <sub>2</sub> O	Ouabain octahydrate	447
C <sub>29</sub> H <sub>52</sub> O <sub>10</sub>	1-O-Oleoyl-2-O-acetyl-3-O-(b-D-galactopyranosyl) syn-glycerol	445
C <sub>29</sub> H <sub>56</sub> O <sub>8</sub>	2-Decyltetradecyl-D-xylopyranoside	160
C <sub>29</sub> H <sub>59</sub> O <sub>10</sub> P	Phosphatidyl 1-(3-deoxy-2-O-methyl-D-myoinositol)	475
C <sub>30</sub> H <sub>24</sub> Cl <sub>3</sub> NO <sub>10</sub>	2,3,4-Tri-O-benzoyl-a-D-glucuronide methyl ester trichloroacetimidate	577
C <sub>30</sub> H <sub>25</sub> Da <sub>2</sub> F <sub>2</sub> NO <sub>9</sub>	Ezetimibe hydroxy-D-glucuronide D4	257
	Ezetimibe-D-glucuronide D4	257
C <sub>30</sub> H <sub>28</sub> O <sub>4</sub>	1,3-O-Benzylidene-4-O-trityl-D-threitol	115
C <sub>30</sub> H <sub>28</sub> N <sub>6</sub> O <sub>9</sub>	Candesartan N2-glucuronide	136
C <sub>30</sub> H <sub>28</sub> O <sub>5</sub> S	Ethyl 2,3,4-tri-O-benzoyl-b-D-thioglucofuranosiduronic acid methyl ester	254
C <sub>30</sub> H <sub>29</sub> NO <sub>6</sub> S	Ethyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-2-N-phthalimido-b-D-thioglucofuranoside	243
C <sub>30</sub> H <sub>29</sub> F <sub>2</sub> NO <sub>9</sub>	Ezetimibe hydroxy-b-D-glucuronide	257
	Ezetimibe b-D-glucuronide	257
C <sub>30</sub> H <sub>30</sub> O <sub>7</sub>	3-O-Acetyl-1,2-O-isopropylidene-6-O-trityl-b-L-arabino-hexofuranos-5-ulose	37
C <sub>30</sub> H <sub>31</sub> NO <sub>6</sub> S	Ethyl 3,6-di-O-benzyl-2-deoxy-2-N-phthalimido-b-D-thioglucofuranoside	248
C <sub>30</sub> H <sub>32</sub> O <sub>6</sub>	Allyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-glucopyranoside	50
	4-O-Acetyl-2,5-anhydro-1,3-O-isopropylidene-6-O-trityl-D-glucitol	29
C <sub>30</sub> H <sub>32</sub> O <sub>7</sub>	4-Methoxyphenyl 3-O-allyl-2-O-benzyl-4,6-O-benzylidene-2-deoxy-b-D-galactopyranoside	364
	3-O-Acetyl-1,2-O-isopropylidene-6-O-trityl-a-D-galactofuranoside	37
C <sub>30</sub> H <sub>32</sub> O <sub>12</sub>	Benzoylpaeoniflorin	99
C <sub>30</sub> H <sub>33</sub> Br <sub>2</sub> NO <sub>12</sub>	trans-3-Benzoyloxy cotinine 2,3,4-tri-O-acetyl-N-b-D-glucuronide methyl ester bromide	98
C <sub>30</sub> H <sub>34</sub> O <sub>5</sub>	Allyl 2,3,4-tri-O-benzyl-b-L-fucopyranoside	52
C <sub>30</sub> H <sub>34</sub> O <sub>6</sub>	3,4,6-Tri-O-benzyl-1,2-O-isopropylidene-a-D-glucopyranoside	584
	3,5,6-Tri-O-benzyl-1,2-O-Isopropylidene-a-D-glucofuranose	584
	3,4-O-Isopropylidene-1,2-di-O-methyl-6-O-trityl-a-D-galactopyranoside	334
	Allyl 2,3,4-tri-O-benzyl-a-D-glucopyranoside	53
C <sub>30</sub> H <sub>34</sub> O <sub>7</sub>	3,4,6-Tri-O-benzyl-b-D-mannopyranose 1,2-(methyl orthoacetate)	585
	3,4,6-Tri-O-benzyl-a-D-galactopyranose 1,2-(methyl orthoacetate)	583
	4-Methoxyphenyl 2,6-di-O-benzyl-3,4-O-isopropylidene-b-D-galactopyranose	367
C <sub>30</sub> H <sub>34</sub> N <sub>6</sub> O <sub>9</sub>	Olmesartan N2-glucuronide	446
	Olmesartan acyl O-b-D-glucuronide	446
C <sub>30</sub> H <sub>36</sub> N <sub>2</sub> O <sub>10</sub>	O-[2-Acetamido-2-deoxy-a-D-galactopyranosyl]-N-Fmoc-L-threonine 2-propen-1-yl ester	12
C <sub>30</sub> H <sub>36</sub> O <sub>15</sub>	Methyl 6-[methyl-2,3,4-tri-O-acetyl-b-D-glucuronato]mycophenolate	407
C <sub>30</sub> H <sub>37</sub> N <sub>7</sub> O <sub>8</sub>	Palbociclib N-glucuronide	449
C <sub>30</sub> H <sub>38</sub> N <sub>2</sub> O <sub>10</sub>	2-Acetamido-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-serine tert-butyl ester	12
C <sub>30</sub> H <sub>38</sub> O <sub>10</sub> Si	1,2,3,4-Tetra-O-acetyl-6-O-(tert-butylidiphenylsilyl)-a-D-mannopyranose	518
	1,2,3,4-Tetra-O-acetyl-6-O-(tert-butylidiphenylsilyl)-b-D-glucopyranose	518

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C<sub>33</sub>H<sub>36</sub>N<sub>3</sub>O<sub>4</sub>S

Formula	Product Name	Page
C <sub>30</sub> H <sub>39</sub> NO <sub>12</sub>	(8-Ethoxycarbonyloctyl)-3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	240
C <sub>30</sub> H <sub>41</sub> N <sub>3</sub> O <sub>13</sub>	2N-Boc-4N-(2-acetamido-2-deoxy-3,4,6-tri-O-acetyl-b-D-glucopyranosyl)-L-asparagine-O-benzyl ester	123
C <sub>30</sub> H <sub>42</sub> O <sub>8</sub>	Proscillaridin A	483
C <sub>30</sub> H <sub>44</sub> K <sub>2</sub> O <sub>16</sub> S <sub>2</sub>	Atractyloside dipotassium salt	87
C <sub>30</sub> H <sub>44</sub> O <sub>16</sub> S <sub>2</sub> Na <sub>2</sub>	Atractyloside sodium salt	87
C <sub>30</sub> H <sub>46</sub> O <sub>4</sub>	6-Methyldiosgenin Acetate	397
C <sub>30</sub> H <sub>48</sub> O <sub>10</sub>	Ursodeoxycholic acid acyl-b-D-glucuronide	600
	Chenodeoxycholic acid 24-acyl-b-D-glucuronide	140
C <sub>30</sub> H <sub>48</sub> N <sub>3</sub> O <sub>10</sub>	Dipyridamole mono-O-b-D-glucuronide	231
C <sub>30</sub> H <sub>60</sub> O <sub>5</sub> Si <sub>2</sub>	6,6'-Di-O-triisopropylsilyl-lactal	231
C <sub>31</sub> H <sub>29</sub> NO <sub>8</sub>	4-Methoxyphenyl 3-O-allyl-4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside	364
C <sub>31</sub> H <sub>30</sub> O <sub>4</sub>	2,3-O-Isopropylidene-1,1,4,4-tetraphenyl-L-threitol	339
C <sub>31</sub> H <sub>31</sub> FNO <sub>10</sub>	Pitavastatin 3-O-glucuronide	477
C <sub>31</sub> H <sub>32</sub> Cl <sub>3</sub> NO <sub>7</sub>	2-O-Acetyl-3,4,6-tri-O-benzyl-a-D-mannopyranosyl trichloroacetimidate	43
	2-O-Acetyl-3,4,6-tri-O-benzyl-b-D-glucopyranosyl trichloroacetimidate	43
C <sub>31</sub> H <sub>32</sub> O <sub>8</sub>	4-Methoxyphenyl 3-O-allyl-4,6-O-benzylidene-2-O-(4-methylbenzoyl)-b-D-galactopyranoside	364
C <sub>31</sub> H <sub>34</sub> O <sub>8</sub>	1,6-Di-O-acetyl-2,3,4-tri-O-benzyl-a-D-mannopyranose	195
	1,6-Di-O-acetyl-2,3,4-tri-O-benzyl-D-glucopyranose	195
	1,2-Di-O-acetyl-3,4,6-tri-O-benzyl-b-D-galactopyranoside	195
C <sub>31</sub> H <sub>36</sub> N <sub>6</sub> O <sub>7</sub>	Irbesartan N-b-D-glucuronide	330
C <sub>31</sub> H <sub>40</sub> N <sub>2</sub> O <sub>10</sub>	2-Acetamido-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-threonine tert-butyl ester	12
C <sub>31</sub> H <sub>40</sub> F <sub>3</sub> N <sub>3</sub> O <sub>10</sub>	Silodosin b-D-glucuronide sodium salt	503
C <sub>31</sub> H <sub>40</sub> O <sub>11</sub>	17b-Estradiol 17-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester)	239
C <sub>31</sub> H <sub>40</sub> FNO <sub>11</sub>	Desmethyl cerivastatin O-b-D-glucuronide	188
C <sub>31</sub> H <sub>45</sub> N <sub>5</sub> O <sub>5</sub> Si <sub>2</sub>	O6-Benzyl-N2,3-etheno-2'-deoxy-3',5'-O-[tetrakis(isopropyl)-1,3-disiloxanediyl] guanosine	110
C <sub>31</sub> H <sub>47</sub> NO <sub>10</sub>	N-(2-Furyl)imino-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside	271
C <sub>31</sub> H <sub>48</sub> O <sub>12</sub>	Simvastatin acyl-b-D-glucuronide	504
C <sub>31</sub> H <sub>52</sub> O <sub>11</sub>	1,2,3,4,6-Penta-O-pivaloyl-b-D-mannopyranose	456
	1,2,3,4,6-Penta-O-pivaloyl-a-D-mannopyranose	456
	1,2,3,4,6-Penta-O-pivaloyl-a-D-glucopyranoside	456
	1,2,3,4,6-Penta-O-pivaloyl-b-D-glucopyranose	456
	1,2,3,4,6-Penta-O-pivaloyl-b-D-galactopyranoside	455
C <sub>31</sub> H <sub>53</sub> N <sub>3</sub> O <sub>19</sub> P <sub>2</sub>	UDP-3-O-(R-3-hydroxymristoyl)-N-acetyl-D-glucosamine	598
C <sub>31</sub> H <sub>58</sub> O <sub>5</sub> Si	Methyl 2,3,4-tri-O-pivaloyl-6-O-triisopropylsilyl-a-D-mannopyranoside	428
	Methyl 2,3,4-tri-O-pivaloyl-6-O-triisopropylsilyl-a-D-glucopyranoside	428
	Methyl 2,3,4-tri-O-pivaloyl-6-O-triisopropylsilyl-a-D-galactopyranoside	428
C <sub>32</sub> H <sub>29</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>8</sub>	4-O-Acetyl-3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl trichloroacetimidate	31
C <sub>32</sub> H <sub>34</sub> O <sub>9</sub>	Methyl 2,3,4-tri-O-acetyl-6-O-trityl-a-D-mannopyranoside	421
	Methyl 2,3,4-tri-O-acetyl-6-O-trityl-a-D-glucopyranoside	421
	Methyl 2,3,4-tri-O-acetyl-6-O-trityl-a-D-galactopyranoside	421
	4-Methoxyphenyl 3,4-O-Isopropylidene-2,6-bis-O-(4-methylbenzoyl)-b-D-galactopyranoside	368
	4-Methoxyphenyl 3,4-O-isopropylidene-2,6-di-O-toluoyl-b-D-galactopyranoside	368
C <sub>32</sub> H <sub>35</sub> NO <sub>14</sub>	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl-Fmoc serine	535
	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-Fmoc serine	529

Formula	Product Name	Page
C <sub>32</sub> H <sub>35</sub> NO <sub>14</sub>	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl-(N2-Fmoc)-L-serine	525
	2,3,4,6-Tetra-O-acetyl-a-D-galactopyranosyl-Fmoc serine	525
C <sub>32</sub> H <sub>36</sub> O <sub>8</sub> Si	4-Methylumbelliferyl 6-O-(tert-butylidiphenylsilyl)-b-D-galactopyranoside	429
C <sub>32</sub> H <sub>36</sub> N <sub>2</sub> O <sub>13</sub>	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc serine	23
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-galactopyranosyl-Fmoc serine	21
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-Fmoc serine	21
C <sub>32</sub> H <sub>37</sub> N <sub>3</sub> O <sub>4</sub> Si	4-Azido-5,6,8-tri-O-benzyl-1,2,4-trideoxy-1-C-(trimethylsilyl)-D-gluco-oct-1-yn-3-uloipyranose	95
C <sub>32</sub> H <sub>38</sub> O <sub>8</sub> S	Ethyl 2,3-di-O-(4-methoxybenzyl)-4,6-O-(4-methoxybenzylidene)-b-D-thiogalactopyranoside	248
C <sub>32</sub> H <sub>38</sub> O <sub>9</sub> S	Ethyl 2,3-di-O-(4-methoxybenzyl)-4,6-O-(4-methoxybenzylidene)-b-D-thiogalactopyranoside S-oxide	248
C <sub>32</sub> H <sub>38</sub> Cl <sub>3</sub> NO <sub>16</sub> S	Phenyl 3,6,2',3',4',6'-hexa-O-acetyl-2-deoxy-2-trichloroacetamido-b-D-thiolactoside	468
C <sub>32</sub> H <sub>39</sub> NO <sub>10</sub>	8-Methoxycarbonyloctyl 2-deoxy-4,6-O-(4-methoxybenzylidene)-2-phthalimido-b-D-glucopyranoside	362
C <sub>32</sub> H <sub>41</sub> NO <sub>6</sub>	6-Aminohexyl 2-deoxy-5-O-DMT-a-D-riboside	64
C <sub>32</sub> H <sub>43</sub> NO <sub>15</sub>	2-(Acetylamino)-1-O-benzyl-2-deoxy-3,4-O-isopropylidene-6-O-(2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl)-D-galactopyranoside	27
C <sub>32</sub> H <sub>46</sub> O <sub>16</sub>	Secoisolaricresinol diglucoside	501
C <sub>32</sub> H <sub>48</sub> O <sub>9</sub>	Oleandrin	445
C <sub>32</sub> H <sub>48</sub> N <sub>2</sub> O <sub>10</sub>	N-(2-Furylacetoneitrile)-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside	271
C <sub>32</sub> H <sub>58</sub> O <sub>10</sub> Si	1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidimethylsilyl)-a-D-mannopyranose	552
	1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidimethylsilyl)-b-D-glucopyranose	552
	6-O-tert-Butylidimethylsilyl-1,2,3,4-tetra-O-pivaloyl-b-D-galactopyranose	131
C <sub>33</sub> H <sub>25</sub> NO <sub>11</sub>	2,3,5-Tri-O-benzoyl-1-O-(4-nitrobenzoyl)-D-ribofuranose	579
C <sub>33</sub> H <sub>26</sub> O <sub>9</sub>	1,2,3,4-Tetra-O-benzoyl-D-xylofuranose	544
C <sub>33</sub> H <sub>30</sub> O <sub>6</sub> S	Phenyl 3,4-di-O-benzoyl-2-O-benzyl-b-L-thiofucopyranoside	465
C <sub>33</sub> H <sub>31</sub> NO <sub>8</sub>	2,3,5-Tri-O-benzyl-1-O-(4-nitrobenzoyl)-D-arabinofuranose	585
C <sub>33</sub> H <sub>32</sub> O <sub>5</sub> S	Phenyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside	466
	Phenyl 2,3-di-O-benzyl-4,6-O-benzylidene-b-D-thioglucofuranoside	466
C <sub>33</sub> H <sub>33</sub> NO <sub>5</sub>	3-(2,3,5-Tri-O-benzyl-1-b-D-ribofuranosyl)benzamide	586
C <sub>33</sub> H <sub>34</sub> O <sub>4</sub> S	Phenyl 2,3,4-tri-O-benzyl-b-L-thiorhamnopyranose	474
	Phenyl 2,3,4-tri-O-benzyl-a-L-thiorhamnopyranose	474
	Phenyl 2,3,4-Tri-O-benzyl-1-thio-b-L-fucopyranoside	473
	Phenyl 2,3,4-tri-O-benzyl-b-L-thiofucopyranose	473
C <sub>33</sub> H <sub>34</sub> O <sub>5</sub> S	Phenyl 2,3,6-tri-O-benzyl-b-D-thioglucofuranoside	474
	Phenyl 2,3-di-O-benzyl-b-D-thioglucofuranoside	466
C <sub>33</sub> H <sub>34</sub> O <sub>10</sub>	6-O-Trityl-1,2,3,4-Tetra-O-acetyl-D-mannopyranose	594
	1,2,3,4-Tetra-O-acetyl-6-O-trityl-a-D-mannopyranose	539
	1,2,3,4-Tetra-O-acetyl-6-O-trityl-b-D-galactopyranose	539
	1,2,3,4-Tetra-O-acetyl-6-O-triphenylmethyl-b-D-glucopyranose	539
C <sub>33</sub> H <sub>36</sub> N <sub>3</sub> O <sub>4</sub> S	Phenyl 4-azido-2,3,6-tri-O-benzyl-4-deoxy-b-D-thioglucofuranoside	462
	Phenyl 3-azido-2,4,6-tri-O-benzyl-3-deoxy-b-D-thioglucofuranoside	461

Formula	Product Name	Page
C <sub>33</sub> H <sub>36</sub> N <sub>3</sub> O <sub>4</sub> S	Phenyl 2-azido-3,4,6-tri-O-benzyl-2-deoxy-b-D-thioglucofuranoside	461
	Phenyl 6-azido-6-deoxy-2,3,4-tri-O-benzyl-b-D-thioglucofuranoside	461
C <sub>33</sub> H <sub>36</sub> N <sub>2</sub> O <sub>14</sub>	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-(N2-Fmoc)-L-Asparagine	529
	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl-(N2-Fmoc)-L-Asparagine	524
	2N-Fmoc-4N-(2,3,4,6-tetra-O-acetyl-b-D-glucopyranosyl)-L-asparagine	262
	2N-Fmoc-4N-(2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl)-L-asparagine	262
C <sub>33</sub> H <sub>37</sub> N <sub>3</sub> O <sub>13</sub>	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc-asparagine	23
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranosyl-Fmoc asparagine	23
C <sub>33</sub> H <sub>37</sub> NO <sub>14</sub>	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl-(N2-Fmoc)-L-threonine	535
	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-N-Fmoc-L-threonine	530
	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl-(N2-Fmoc)-L-threonine	525
	N-Fmoc-O-(2,3,4,6-tetra-O-acetyl-a-D-mannopyranosyl)-L-threonine	262
	N-Fmoc-O-(2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl)-L-threonine	261
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-Fmoc threonine	23
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-Fmoc threonine	22
C <sub>33</sub> H <sub>38</sub> N <sub>2</sub> O <sub>13</sub>		323
C <sub>33</sub> H <sub>40</sub> O <sub>15</sub>	Icariin	486
C <sub>33</sub> H <sub>40</sub> O <sub>22</sub>	Quercetin-3-O-b-D-glucose-7-O-b-D-gentiobiosiden	486
C <sub>33</sub> H <sub>42</sub> N <sub>2</sub> O <sub>13</sub>	Moexipril acyl-b-D-glucuronide	431
C <sub>33</sub> H <sub>44</sub> N <sub>2</sub> O <sub>10</sub>	Repaglinide acyl-D-glucuronide	491
C <sub>33</sub> H <sub>48</sub> BrNO <sub>9</sub>	N-(4-Bromobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	124
C <sub>33</sub> H <sub>48</sub> ClNO <sub>9</sub>	N-(4-Chlorobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	141
	N-(2-Chlorobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	141
C <sub>33</sub> H <sub>48</sub> FNO <sub>9</sub>	N-(4-Fluorobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside	259
	N-(2-Fluorobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside	259
C <sub>33</sub> H <sub>48</sub> N <sub>2</sub> O <sub>11</sub>	N-(4-Nitrobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	439
	N-(3-Nitrobenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	439
C <sub>33</sub> H <sub>49</sub> NO <sub>9</sub>	N-Benzylidenimino 2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	115
C <sub>33</sub> H <sub>49</sub> NO <sub>10</sub>	N-(2-Hydroxybenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside	311
C <sub>33</sub> H <sub>52</sub> O <sub>7</sub>	Vitamin D3 b-D-glucuronide	601
C <sub>33</sub> H <sub>52</sub> O <sub>8</sub>	Polyphyllin A	478
	5-Hydroxyvitamin D3 25-glucuronide	322
C <sub>33</sub> H <sub>52</sub> O <sub>9</sub>	Paricalcitol 25-b-D-glucuronide	449
C <sub>33</sub> H <sub>66</sub> O <sub>5</sub>	2-Dodecylhexadecyl-D-xylopyranoside	232
C <sub>34</sub> H <sub>26</sub> O <sub>9</sub>	2,3,4,6-Tetra-O-benzoyl-1-deoxy-D-arabino-hex-1-enopyranose	541
C <sub>34</sub> H <sub>26</sub> O <sub>22</sub>	1,3-Di-O-galloyl-4,6-O-hexahydroxydiphenyl-b-D-glucopyranoside	213
C <sub>34</sub> H <sub>27</sub> BrO <sub>9</sub>	2,3,4,6-Tetra-O-benzoyl-a-D-glucopyranosyl bromide	542
C <sub>34</sub> H <sub>27</sub> FO <sub>9</sub>	2,3,4,6-Tetra-O-benzoyl-b-D-glucopyranosyl fluoride	542
	1,2,3,6-Tetra-O-benzoyl-4-deoxy-4-fluoro-a-D-mannopyranose	541
C <sub>34</sub> H <sub>28</sub> O <sub>9</sub>	1,2,3-Tri-O-benzoyl-4,6-O-benzylidene-a-D-mannopyranose	575
	1,2,3-Tri-O-benzoyl-4,6-O-benzylidene-b-D-glucopyranose	575
	1,2,3-Tri-O-benzoyl-4,6-O-benzylidene-b-D-galactopyranose	575

Formula	Product Name	Page
C <sub>34</sub> H <sub>28</sub> O <sub>9</sub>	1,2,3,5-Tetra-O-benzoyl-2-C-methyl-b-D-ribofuranose	543
	1,2,3,4-Tetra-O-benzoyl-L-fucopyranose	541
C <sub>34</sub> H <sub>28</sub> O <sub>10</sub>	1,2,3,6-Tetra-O-benzoyl-a-D-talose	543
	2,3,4,6-Tetra-O-benzoyl-D-mannopyranose	543
	1,2,3,6-Tetra-O-benzoyl-b-D-mannopyranose	543
	1,2,3,6-Tetra-O-benzoyl-a-D-mannopyranose	543
	2,3,4,6-Tetra-O-benzoyl-D-glucopyranose	542
	2,3,4,6-Tetra-O-benzoyl-D-galactopyranose	541
	1,3,4,6-Tetra-O-benzoyl-a-D-fructofuranose	541
C <sub>34</sub> H <sub>30</sub> O <sub>9</sub>	2,4,6-Tri-O-benzoyl-3-O-benzyl-D-mannopyranose	575
C <sub>34</sub> H <sub>30</sub> O <sub>10</sub>	4-Methoxyphenyl 2,4,6-tri-O-benzoyl-a-D-mannopyranoside	370
	4-Methoxyphenyl 2,3,6-tri-O-benzoyl-b-D-galactopyranoside	370
C <sub>34</sub> H <sub>30</sub> NO <sub>10</sub> SD <sub>4</sub> Li	Raloxifene-6-D-glucuronide D4 lithium salt	489
	Raloxifene-4-D-glucuronide D4 lithium salt	489
C <sub>34</sub> H <sub>31</sub> NO <sub>10</sub> SD <sub>4</sub>	Raloxifene 6-D-glucuronide D4	488
	Raloxifene 4-D-glucuronide D4	488
C <sub>34</sub> H <sub>32</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>4</sub> S	4-Methylphenyl 2-azido-3,4,6-tri-O-(4-chlorobenzyl)-2-deoxy-b-D-thiogalactopyranoside	410
C <sub>34</sub> H <sub>33</sub> NO <sub>8</sub>	2,3,4-Tri-O-benzyl-1-O-(4-nitrobenzyl)-L-fucopyranose	586
C <sub>34</sub> H <sub>34</sub> O <sub>8</sub> S	2,3,4,6-Tetra-O-benzyl-5-thio-D-glucono-1,5-lactone	549
	4-Methylphenyl 2,3-di-O-benzyl-4,6-O-benzylidene-a-D-thiomannopyranoside	411
C <sub>34</sub> H <sub>34</sub> O <sub>8</sub>	1,2,3-Tri-O-benzyl-4,6-O-benzylidene-a-D-mannopyranose	581
	1,2,3-Tri-O-benzyl-4,6-O-benzylidene-b-D-glucopyranoside	581
	1,2,3-Tri-O-benzyl-4,6-O-benzylidene-a-D-galactopyranoside	581
	1,2,3-Tri-O-benzyl-4,6-O-benzylidene-b-D-galactopyranoside	581
	2,3,4,6-Tetra-O-benzyl-D-glucono-1,5-lactone	546
	2,3,4,6-Tetra-O-benzyl-D-galactono-1,5-lactone	545
C <sub>34</sub> H <sub>34</sub> O <sub>8</sub> S	Phenyl 2-O-benzyl-4,6-O-benzylidene-3-O-p-methoxybenzyl-a-D-thiomannopyranoside	462
	4-Methylphenyl 2,3,4-tri-O-benzyl-b-D-thiogluconide	412
C <sub>34</sub> H <sub>34</sub> O <sub>7</sub>	2,3,4-Tri-O-benzyl-D-glucuronide benzyl ester	584
	1,2,3-Tri-O-benzyl-4-O-benzoyl-b-D-galactopyranoside	581
C <sub>34</sub> H <sub>34</sub> O <sub>8</sub>	4-Methoxyphenyl 2-O-benzoyl-3,6-di-O-benzyl-b-D-glucopyranoside	365
C <sub>34</sub> H <sub>34</sub> NO <sub>10</sub> S-Li	Raloxifene-6-D-glucuronide lithium salt	489
	Raloxifene-4-D-glucuronide lithium salt	489
C <sub>34</sub> H <sub>35</sub> ClO <sub>5</sub>	2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl chloride	547
C <sub>34</sub> H <sub>35</sub> FO <sub>5</sub>	2,3,4,6-Tetra-O-benzyl-D-mannopyranosyl fluoride	549
	2,3,4,6-Tetra-O-benzyl-D-glucopyranosyl fluoride	548
	2,3,4,6-Tetra-O-benzyl-b-D-glucopyranosyl fluoride	548
	2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl fluoride	547
C <sub>34</sub> H <sub>35</sub> NO <sub>6</sub>	Benzyl 2-acetamido-2-deoxy-6-O-trityl-a-D-glucopyranoside	102
C <sub>34</sub> H <sub>35</sub> N <sub>3</sub> O <sub>6</sub>	4-Methoxyphenyl 6-azido-2,3,4-tri-O-benzyl-6-deoxy-a-D-mannopyranoside	365
C <sub>34</sub> H <sub>35</sub> NO <sub>10</sub> S	Raloxifene 6-D-glucuronide	488
	Raloxifene 4-D-glucuronide	488
C <sub>34</sub> H <sub>36</sub> O <sub>5</sub>	1,2,3,4-Tetra-O-benzyl-L-rhamnopyranoside	549
C <sub>34</sub> H <sub>36</sub> O <sub>5</sub> S	4-Methylphenyl 2,3,4-tri-O-benzyl-b-D-thioglucofuranoside	412
C <sub>34</sub> H <sub>36</sub> O <sub>6</sub>	1,2,3,4-Tetra-O-benzyl-a-D-mannopyranoside	549
	2,3,4,6-Tetra-O-benzyl-L-mannopyranose	548
	2,3,4,6-Tetra-O-benzyl-D-mannopyranose	548
	3,4,5,6-Tetra-O-benzyl-myo-inositol	548
	1,4,5,6-Tetra-O-benzyl-myo-inositol	548
	1,2,3,6-Tetra-O-benzyl-b-D-glucopyranoside	547



Formula	Product Name	Page	Formula	Product Name	Page
C <sub>34</sub> H <sub>36</sub> O <sub>6</sub>	1,2,3,4-Tetra-O-benzyl-b-D-glucopyranoside	547	C <sub>35</sub> H <sub>30</sub> O <sub>10</sub>	1,2,3-Tri-O-benzoyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranose	578
	2,3,4,6-Tetra-O-benzyl-D-glucopyranose	547		1,2,3-Tri-O-benzoyl-4,6-O-(4-methoxybenzylidene)-b-D-glucopyranose	578
	2,3,4,6-Tetra-O-benzyl-a-D-glucopyranose	547		1,2,3-Tri-O-benzoyl-4,6-O-(4-methoxybenzylidene)-b-D-galactopyranose	578
	1,3,4,6-Tetra-O-benzyl-b-D-galactopyranoside	546		1,3-Di-O-benzyl-4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranosyl azide	200
	1,2,3,6-Tetra-O-benzyl-b-D-galactopyranoside	546	C <sub>35</sub> H <sub>31</sub> NO <sub>7</sub>	1,3-Di-O-benzyl-4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside	200
	2,3,4,6-Tetra-O-benzyl-D-galactopyranose	546	C <sub>35</sub> H <sub>31</sub> NO <sub>8</sub>	4-Methoxyphenyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-2-phthalimido-b-D-glucopyranoside	365
C <sub>34</sub> H <sub>36</sub> O <sub>7</sub>	4-Methoxyphenyl 2,4,6-tri-O-benzyl-b-D-galactopyranoside	370	C <sub>35</sub> H <sub>32</sub> FNO <sub>6</sub>	3,4,6-Tri-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl fluoride	582
	4-Methoxyphenyl 2,3,6-tri-O-benzyl-b-D-galactopyranoside	370	C <sub>35</sub> H <sub>32</sub> N <sub>4</sub> O <sub>6</sub>	3,4,6-Tri-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranosyl azide	582
C <sub>34</sub> H <sub>36</sub> O <sub>14</sub>	Methyl (4'-O-hexanoyldaidzein-7-yl-b-D-2",3",4"-tri-O-acetylglucopyranosid)urate	402	C <sub>35</sub> H <sub>33</sub> NO <sub>6</sub>	1,3,6-Tri-O-benzyl-2,4-dideoxy-2-phthalimido-b-D-glucopyranoside	583
C <sub>34</sub> H <sub>37</sub> NO <sub>4</sub>	2,3,4,6-Tetra-O-benzyl-(+)-1-deoxynojirimycin	545	C <sub>35</sub> H <sub>33</sub> NO <sub>7</sub>	1,3,6-Tri-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	582
C <sub>34</sub> H <sub>38</sub> CINO <sub>4</sub>	2,3,4,6-Tetra-O-benzyl-1-deoxynojirimycin hydrochloric acid salt	545		Benzyl 2-deoxy-2-phthalimido-3,6-di-O-benzyl-b-D-glucopyranoside	107
C <sub>34</sub> H <sub>38</sub> O <sub>6</sub>	2,3,4,5-Tetra-O-benzyl-D-glucitol	546	C <sub>35</sub> H <sub>33</sub> NO <sub>8</sub>	4-Methoxyphenyl 3,6-Di-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	367
C <sub>34</sub> H <sub>38</sub> O <sub>11</sub> P <sub>2</sub>	2,5-Anhydro-D-glucitol-1,6-bis-(dibenzylphosphate)	75		1,3-Di-O-benzyl-4,6-O-benzylidene-2-(2-carboxybenzimidazo)-2-deoxy-b-D-glucopyranoside	200
C <sub>34</sub> H <sub>39</sub> NO <sub>8</sub>	Lasofixifene b-D-glucuronide	347	C <sub>35</sub> H <sub>33</sub> NO <sub>9</sub>	3-O-Benzyl-2-deoxy-1,6-di-O-methoxyphenyl-2-phthalimido-b-D-glucopyranoside	106
C <sub>34</sub> H <sub>39</sub> N <sub>2</sub> O <sub>13</sub>	N-Fmoc-N-(2-acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-glucopyranosyl)-L-asparagine	261	C <sub>35</sub> H <sub>34</sub> O <sub>8</sub>	Benzyl 2,3-O-isopropylidene-6-O-trityl-5-keto-a-D-mannofuranose	116
C <sub>34</sub> H <sub>39</sub> NO <sub>14</sub> S	3-Demethyl thiocolchicine 2-O-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester)	162	C <sub>35</sub> H <sub>35</sub> NO <sub>6</sub>	Benzyl 2,3-O-isopropylidene-6-O-trityl-5-keto-a-D-mannofuranoside 5-oxime	116
C <sub>34</sub> H <sub>40</sub> O <sub>5</sub> Si	Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butylidimethylsilyl-a-D-mannopyranoside	422	C <sub>35</sub> H <sub>35</sub> F <sub>3</sub> O <sub>8</sub> S	1,2,3,6-Tetra-O-benzyl-4-O-trifluoromethanesulfonyl-b-D-mannopyranose	549
	Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butylidimethylsilyl-a-D-glucopyranoside	421	C <sub>35</sub> H <sub>36</sub> O <sub>8</sub>	Benzyl 2,3-O-isopropylidene-6-O-trityl-a-D-mannofuranose	116
	Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butylidimethylsilyl-a-D-galactopyranoside	421		3-O-Benzyl-1,2-O-isopropylidene-6-O-trityl-a-D-glucofuranose	116
C <sub>34</sub> H <sub>41</sub> NO <sub>5</sub> Si	4-Methoxyphenyl 3-O-benzyl-6-O-tert-butylidimethylsilyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	366	C <sub>35</sub> H <sub>36</sub> O <sub>6</sub> S	4-Toluyol 2-O-benzyl-4,6-O-benzylidene-3-O-p-methoxybenzyl-a-D-thiomannopyranoside	559
C <sub>34</sub> H <sub>44</sub> O <sub>20</sub>	a-D-Glucosyl hesperidin	300		Phenyl 2-O-Acetyl-3,4,6-tri-O-benzyl-1-thio-b-D-galactopyranoside	460
C <sub>34</sub> H <sub>45</sub> N <sub>3</sub> O <sub>13</sub>	Tri-O-acetyl-b-D-GlcNAc-Fmoc Asn tert-Butyl Ester	571	C <sub>35</sub> H <sub>36</sub> O <sub>7</sub>	1,2,3-Tri-O-benzyl-4,6-O-(4-methoxybenzylidene)-a-D-mannopyranoside	585
C <sub>34</sub> H <sub>46</sub> O <sub>5</sub> Si	Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidimethylsilyl-a-D-mannopyranoside	424		1,2,3-Tri-O-benzyl-4,6-O-(4-methoxybenzylidene)-b-D-glucopyranoside	585
	Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidimethylsilyl-a-D-glucopyranoside	424		1,2,3-Tri-O-benzyl-4,6-O-(4-methoxybenzylidene)-b-D-galactopyranoside	585
	Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidimethylsilyl-a-D-galactopyranoside	424		Methyl 2,3,4-tri-O-benzyl-b-D-glucuronide benzyl ester	426
C <sub>34</sub> H <sub>46</sub> O <sub>18</sub>	Syringaresinol-di-O-glucoside	510		Methyl 2,3,4-tri-O-benzyl-a-D-glucuronide benzyl ester	426
C <sub>34</sub> H <sub>49</sub> ClN <sub>2</sub> O <sub>8</sub>	N-[2-(4'-Chlorophenylacetoneitrile)]-2,3,4,6-tetra-pivaloyl-D-glucopyranoside	146	C <sub>35</sub> H <sub>36</sub> N <sub>2</sub> O <sub>14</sub>	SN-38 tri-O-acetyl-b-D-glucuronic acid methyl ester	505
C <sub>34</sub> H <sub>49</sub> FN <sub>2</sub> O <sub>9</sub>	N-[2-(4'-Fluorobenzylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside	259	C <sub>35</sub> H <sub>37</sub> NO <sub>5</sub>	Benzyl 5-amino-5-deoxy-2,3-O-isopropylidene-6-O-trityl-a-D-mannofuranoside	104
	N-[2-(2'-Fluorobenzylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-b-D-glucopyranoside	259		Benzyl 5-amino-5-deoxy-2,3-O-isopropylidene-6-O-trityl-a-L-gulofuranoside	104
C <sub>34</sub> H <sub>49</sub> N <sub>3</sub> O <sub>11</sub>	N-[2-(4'-Nitrophenylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	440	C <sub>35</sub> H <sub>38</sub> O <sub>5</sub> S	Methyl 2,3,4,6-tetra-O-benzyl-b-D-thiogalactopyranoside	416
	N-[2-(3'-Nitrophenylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	440		Methyl 2,3,4,6-tetra-O-benzyl-D-mannopyranoside	416
C <sub>34</sub> H <sub>50</sub> N <sub>2</sub> O <sub>9</sub>	N-(2'-Phenylacetoneitrile)-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	460		Methyl 2,3,4,6-tetra-O-benzyl-a-D-mannopyranoside	416
C <sub>34</sub> H <sub>50</sub> N <sub>4</sub> O <sub>10</sub>	N-[2-(2'-Hydroxyphenylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	319		Methyl 2,3,4,6-tetra-O-benzyl-D-glucopyranoside	416
C <sub>34</sub> H <sub>51</sub> NaO <sub>7</sub>	Vitamin D2 b-D-glucuronide sodium salt	601		Methyl 2,3,4,6-tetra-O-benzyl-D-galactopyranoside	415
C <sub>34</sub> H <sub>51</sub> NO <sub>9</sub>	N-(4-Methylbenzyliden)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	382		Methyl 2,3,4,6-tetra-O-benzyl-a-D-galactopyranoside	415
C <sub>34</sub> H <sub>51</sub> NO <sub>10</sub>	N-(4-Methoxybenzylidene)-2,3,4,6-tetra-O-pivaloyl-D-glucosamine	361		O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-serine tert-Butyl Ester	89
C <sub>34</sub> H <sub>66</sub> NO <sub>12</sub> P	Lipid X	348	C <sub>35</sub> H <sub>40</sub> O <sub>9</sub>	Octyl 3,4,6-tri-O-benzoyl-a-D-mannopyranoside	445
C <sub>35</sub> H <sub>26</sub> BrNO <sub>9</sub>	2-Bromo-2-deoxy-3,4,5,7-tetra-O-benzoyl-a-D-gluco-heptulopyranosononitrile	125			
C <sub>35</sub> H <sub>27</sub> NO <sub>9</sub>	2,3,4,6-Tetra-O-benzoyl-b-D-glucopyranosyl cyanide	542			
C <sub>35</sub> H <sub>27</sub> NO <sub>9</sub> S	2,3,4,6-Tetra-O-benzoyl-b-D-glucopyranosyl isothiocyanate	542			
C <sub>35</sub> H <sub>28</sub> BrNO <sub>10</sub>	C-(1-Bromo-1-deoxy-2,3,4,6-tetra-O-benzoyl-b-D-glucopyranosyl)formamide	125			
C <sub>35</sub> H <sub>28</sub> O <sub>11</sub>	1,2,3,4-Tetra-O-benzoyl-D-glucuronide methyl ester	543			
	1,2,3,4-Tetra-O-benzoyl-a-D-glucuronide methyl ester	543			

Formula	Product Name	Page
C <sub>35</sub> H <sub>42</sub> O <sub>12</sub>	Ethynyl estradiol 17-acetate-3-(2',3',4'-tri-O-acetyl-b-D-glucuronide) methyl ester	255
C <sub>35</sub> H <sub>50</sub> N <sub>2</sub> O <sub>11</sub>	N-[[4'-Nitrophenyl]-1-propenyl]imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	441
C <sub>35</sub> H <sub>51</sub> N <sub>3</sub> O <sub>9</sub>	N-(Phenyl-1-propenyl)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	469
C <sub>35</sub> H <sub>52</sub> N <sub>2</sub> O <sub>9</sub>	N-[2-(4'-Methylphenylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	409
C <sub>35</sub> H <sub>52</sub> N <sub>2</sub> O <sub>10</sub>	N-[2-(4'-Methoxyphenylacetoneitrile)]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	363
C <sub>35</sub> H <sub>56</sub> O <sub>8</sub>	Ziyuglycoside II	606
C <sub>35</sub> H <sub>58</sub> O <sub>8</sub>	Stigmasterol glucoside	507
C <sub>35</sub> H <sub>60</sub> O <sub>8</sub>	b-Sitosterol b-D-glucoside	504
C <sub>35</sub> H <sub>64</sub> O <sub>10</sub> Si	1,2,3,4-Tetra-O-pivaloyl-6-O-triisopropylsilyl-a-D-mannopyranose	554
	1,2,3,4-Tetra-O-pivaloyl-6-O-triisopropylsilyl-b-D-glucopyranose	554
	1,2,3,4-Tetra-O-pivaloyl-6-O-triisopropylsilyl-b-D-galactopyranose	554
C <sub>36</sub> H <sub>28</sub> Cl <sub>3</sub> NO <sub>10</sub>	2,3,4,6-Tetra-O-benzoyl-a-D-mannopyranosyl trichloroacetimidate	543
	2,3,4,6-Tetra-O-benzoyl-b-D-glucopyranosyl trichloroacetimidate	542
	2,3,4,6-Tetra-O-benzoyl-D-galactopyranosyl trichloroacetimidate	542
	2,3,4,6-Tetra-O-benzoyl-a-D-galactopyranosyl trichloroacetimidate	541
C <sub>36</sub> H <sub>30</sub> Cl <sub>3</sub> NO <sub>9</sub>	2,4,6-Tri-O-benzoyl-3-benzyl-D-mannopyranosyl trichloroacetimidate	575
C <sub>36</sub> H <sub>33</sub> NO <sub>9</sub>	4-Methoxyphenyl 2-deoxy-3-benzyl-4,6-O-(4-methoxybenzylidene)-2-phthalimido-b-D-glucopyranoside	367
C <sub>36</sub> H <sub>34</sub> Cl <sub>3</sub> NO <sub>7</sub>	2,3,4-Tri-O-benzyl-D-glucuronide benzyl ester trichloroacetimidate	584
	2,3,4-Tri-O-benzyl-a-D-glucuronic acid benzyl ester trichloroacetimidate	584
C <sub>36</sub> H <sub>36</sub> Cl <sub>3</sub> NO <sub>6</sub>	2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl trichloroacetimidate	548
	2,3,4,6-Tetra-O-benzyl-D-galactopyranosyl trichloroacetimidate	546
C <sub>36</sub> H <sub>38</sub> O <sub>8</sub> S	Phenyl 3-O-Allyl-2,4,6-tri-O-benzyl-1-thio-b-D-galactopyranoside	461
C <sub>36</sub> H <sub>38</sub> O <sub>7</sub>	2-O-Acetyl-1,3,4,6-tetra-O-benzyl-b-D-galactopyranoside	41
	1-O-Acetyl-2,3,4,6-tetra-O-benzyl-b-D-galactopyranose	41
C <sub>36</sub> H <sub>38</sub> N <sub>2</sub> O <sub>12</sub>	Muraglitazar acyl-b-D-glucuronide	433
C <sub>36</sub> H <sub>39</sub> N <sub>3</sub> O <sub>5</sub> S	2-Acetamido-1,3,4,6-tetra-O-benzyl-2-deoxy-b-D-thioglucofuranose	20
C <sub>36</sub> H <sub>39</sub> NO <sub>6</sub>	2-Acetamido-1,3,4,6-tetra-O-benzyl-2-deoxy-a-D-glucopyranoside	20
C <sub>36</sub> H <sub>39</sub> NO <sub>8</sub>	Benzyl 2-acetamido-2-deoxy-6-O-DMT-a-D-galactopyranoside	100
C <sub>36</sub> H <sub>40</sub> O <sub>5</sub> S	Ethyl 2,3,4,6-tetra-O-benzyl-b-D-thioglucofuranoside	251
	Ethyl 2,3,4,6-tetra-O-benzyl-b-D-thiogalactopyranoside	251
C <sub>36</sub> H <sub>40</sub> Cl <sub>3</sub> NO <sub>7</sub>	Lumefantrine glucuronide - (mixture of diastereomers)	350
	Lumefantrine b-D-Glucuronide	350
C <sub>36</sub> H <sub>40</sub> N <sub>4</sub> O <sub>9</sub>	O-(2-Azido-4,6-O-benzylidene-2-deoxy-a-D-galactopyranosyl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-threonine tert-Butyl Ester	89
C <sub>36</sub> H <sub>42</sub> O <sub>10</sub> S <sub>2</sub>	2,3,4,6-Tetra-O-benzyl-1,5-di-O-mesyl-D-glucitol	545
C <sub>36</sub> H <sub>42</sub> O <sub>18</sub>	Etoposide D-glucuronide	257
C <sub>36</sub> H <sub>51</sub> N <sub>3</sub> O <sub>11</sub>	N-[2-(4'-Nitrophenyl)-1-cyano-3-butene]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	441
C <sub>36</sub> H <sub>52</sub> O <sub>8</sub>	6-O-Benzyl-1-(-)-carboxymethyl-2,3,4,5-di-O-cyclohexylidene-D-myo-inositol	106
	6-O-Benzyl-1-(-)-carboxymethyl-2,3,4,5-di-O-cyclohexylidene-L-myo-inositol	106
C <sub>36</sub> H <sub>52</sub> Na <sub>4</sub> O <sub>40</sub> S <sub>4</sub>	Neocarrahaxose-24,41,3,5-tetra-O-sulfate sodium salt	438

Formula	Product Name	Page
C <sub>36</sub> H <sub>53</sub> NO <sub>9</sub>	N-(Phenyl-2-methyl-1-propenyl)imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	469
C <sub>36</sub> H <sub>53</sub> NO <sub>10</sub>	N-[[4'-Methoxyphenyl]-1-propenyl]imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	369
C <sub>36</sub> H <sub>53</sub> Na <sub>3</sub> O <sub>37</sub> S <sub>3</sub>	Neocarrahaxose-41,3,5-tri-O-sulfate sodium salt	438
C <sub>36</sub> H <sub>54</sub> O <sub>10</sub>	Glycyrrhetic acid 3-O-b-D-glucuronide	306
C <sub>36</sub> H <sub>56</sub> Na <sub>3</sub> O <sub>16</sub>	Dipyridamole di-O-b-D-glucuronide	230
C <sub>36</sub> H <sub>60</sub> O <sub>7</sub>	b-Sitosterol b-D-glucuronide methyl ester	504
C <sub>36</sub> H <sub>62</sub> O <sub>8</sub>	Pseudoginsenoside Rh2	483
	Ginsenoside C-K	283
C <sub>36</sub> H <sub>62</sub> O <sub>9</sub>	Ginsenoside F1	283
C <sub>37</sub> H <sub>32</sub> O <sub>8</sub> ES	Phenyl 2-O-benzoyl-4,6-O-benzylidene-3-O-(2-naphthylmethyl)-b-D-thioglucofuranoside	462
C <sub>37</sub> H <sub>35</sub> NO <sub>9</sub>	4-Methoxyphenyl 4-O-Acetyl-3,6-di-O-benzyl-2-deoxy-2-phthalimido-b-D-glucopyranoside	363
C <sub>37</sub> H <sub>40</sub> O <sub>5</sub>	4,5,6-Tri-O-benzyl-3-benzylloxymethyl-octa-1,7-dien-3-ol	581
C <sub>37</sub> H <sub>40</sub> O <sub>6</sub>	Allyl 2,3,4,6-tetra-O-benzyl-a-D-glucopyranoside	52
C <sub>37</sub> H <sub>40</sub> O <sub>7</sub>	4-Methoxyphenyl 3-O-allyl-2,4,6-tri-O-benzyl-b-D-galactopyranoside	364
C <sub>37</sub> H <sub>41</sub> F <sub>3</sub> N <sub>2</sub> O <sub>11</sub> S	Tipranovir b-D-glucuronide	559
C <sub>37</sub> H <sub>41</sub> F <sub>3</sub> O <sub>18</sub> S	Ethyl-3,6-di-O-benzoyl-2-trifluoromethanesulfonyl-4-O-(2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl)-b-D-mannopyranoside	247
C <sub>37</sub> H <sub>42</sub> O <sub>6</sub>	Isopropyl 2,3,4,6-tetra-O-benzyl-b-D-glucopyranoside	341
C <sub>37</sub> H <sub>42</sub> O <sub>8</sub>	Trimethylsilyl-2,3,4,6-tetra-O-benzyl-b-D-glucopyranoside	593
C <sub>37</sub> H <sub>44</sub> N <sub>2</sub> O <sub>14</sub>	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-(N2-Fmoc)-L-asparagine tert-butyl ester	529
	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl-(N2-Fmoc)-L-Asparagine tert-butyl ester	525
C <sub>37</sub> H <sub>46</sub> O <sub>9</sub> Si	Methyl 2,3,4-tri-O-benzoyl-6-O-triisopropylsilyl-a-D-mannopyranoside	423
	Methyl 2,3,4-tri-O-benzoyl-6-O-triisopropylsilyl-a-D-glucopyranoside	423
	Methyl 2,3,4-tri-O-benzoyl-6-O-triisopropylsilyl-a-D-galactopyranoside	423
C <sub>37</sub> H <sub>52</sub> O <sub>8</sub> Si	Methyl 2,3,4-tri-O-benzoyl-6-O-triisopropylsilyl-a-D-mannopyranoside	427
	Methyl 2,3,4-tri-O-benzoyl-6-O-triisopropylsilyl-a-D-glucopyranoside	426
	Methyl 2,3,4-tri-O-benzoyl-6-O-triisopropylsilyl-a-D-galactopyranoside	426
C <sub>37</sub> H <sub>54</sub> NO <sub>9</sub>	N-(2-Phenyl-1-cyano-3-butene)-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	464
C <sub>37</sub> H <sub>54</sub> N <sub>2</sub> O <sub>10</sub>	N-[2-(4'-Methoxyphenyl)-1-cyano-3-butene]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	367
C <sub>37</sub> H <sub>54</sub> O <sub>11</sub>	Cimicifugoside	147
C <sub>37</sub> H <sub>56</sub> O <sub>10</sub>	Gyposogenin-3-O-glucuronide	307
C <sub>37</sub> H <sub>56</sub> O <sub>12</sub>	Fusidic acid acyl glucuronide	271
C <sub>37</sub> H <sub>58</sub> N <sub>2</sub> O <sub>9</sub>	N-[[4'-Dimethylaminophenyl]-1-propenyl]imino-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	227
C <sub>38</sub> F <sub>5</sub> H <sub>34</sub> NO <sub>14</sub>	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl-N-Fmoc-L-serine pentafluorophenyl ester	535
	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-N-Fmoc-L-serine pentafluorophenyl ester	530
	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl-(N2-Fmoc)-L-serine pentafluorophenyl ester	525
C <sub>38</sub> F <sub>5</sub> H <sub>35</sub> N <sub>2</sub> O <sub>13</sub>	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-b-D-glucopyranosyl-(N-Fmoc)-L-serine pentafluorophenyl ester	23
	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-serine pentafluorophenyl ester	22
C <sub>38</sub> H <sub>43</sub> FO <sub>9</sub>	2,3,4,6-Tetra-O-(4-methoxybenzyl)-D-galactopyranosyl fluoride	552
C <sub>38</sub> H <sub>45</sub> NO <sub>7</sub>	1,5,6,7-Tetra-O-benzylvoglucose	550
C <sub>38</sub> H <sub>46</sub> O <sub>11</sub>	17b-Estradiol 3-O-benzyl 17-(2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester)	238

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>38</sub> H <sub>47</sub> N <sub>2</sub> O <sub>7</sub> P	2,3,4,6-Tetra-O-benzyl-a-D-glucopyranosyl N,N,N',N'-Tetramethylphosphorodiamidate (ca. 20% in Benzene)	548	C <sub>40</sub> H <sub>50</sub> O <sub>6</sub> Si	1,2,3,4-Tetra-O-benzyl-6-O-tert-butylidimethylsilyl-a-D-mannopyranose	545
C <sub>38</sub> H <sub>49</sub> N <sub>5</sub> O <sub>7</sub> SSi <sub>2</sub>	06-Benzyl-N2,3-etheno-2'-phenoxythioxomethyl-3',5'-O-[tetrakis(isopropyl)-1,3-disiloxanediyl]guanosine	110		1,2,3,4-Tetra-O-benzyl-6-O-tert-butylidimethylsilyl-b-D-glucopyranose	544
C <sub>38</sub> H <sub>54</sub> O <sub>13</sub>	2-O-b-D-Glucopyranosylcucurbitacin E	290		1,2,3,4-Tetra-O-benzyl-6-O-tert-butylidimethylsilyl-b-D-galactopyranose	544
C <sub>38</sub> H <sub>55</sub> F <sub>5</sub> O <sub>3</sub> S	Fulvestrant 3-b-D-glucuronide	270	C <sub>40</sub> H <sub>75</sub> NO <sub>9</sub>	Glycosylceramide - from plant origin	306
C <sub>38</sub> H <sub>56</sub> O <sub>5</sub> Si	Fulvestrant 17-b-D-glucuronide	270		Glycosylceramide	305
	Methyl 6-O-tert-butylidiphenylsilyl-2,3,4-tri-O-pivaloyl-a-D-mannopyranoside	383	C <sub>41</sub> H <sub>28</sub> O <sub>27</sub>	Geraniin	282
	Methyl 6-O-tert-butylidiphenylsilyl-2,3,4-tri-O-pivaloyl-a-D-glucopyranoside	383	C <sub>41</sub> H <sub>32</sub> O <sub>11</sub>	1,2,3,4,6-Penta-O-benzoyl-D-mannopyranose	454
	Methyl 6-O-tert-butylidiphenylsilyl-2,3,4-tri-O-pivaloyl-a-D-galactopyranoside	383		1,2,3,4,6-Penta-O-benzoyl-b-D-mannopyranose	454
C <sub>38</sub> H <sub>68</sub> O <sub>13</sub> Si <sub>2</sub>	3,2',3',4'-Tetra-O-acetyl-6,6'-di-O-trisopropylsilyl-lactal	522		1,2,3,4,6-Penta-O-benzoyl-D-glucopyranoside	454
C <sub>39</sub> H <sub>33</sub> N <sub>3</sub> O <sub>7</sub>	4-Azido-2,3-di-O-benzoyl-4-deoxy-6-O-trityl-a-D-glucopyranoside	93		1,2,3,4,6-Penta-O-benzoyl-b-D-glucopyranose	454
C <sub>39</sub> H <sub>35</sub> D <sub>3</sub> N <sub>4</sub> O <sub>8</sub>	Telmisartan-D3-acyl-b-D-glucuronide	512		1,2,3,4,6-Penta-O-benzoyl-a-D-glucopyranose	454
C <sub>39</sub> F <sub>5</sub> H <sub>36</sub> NO <sub>14</sub>	2,3,4,6-Tetra-O-acetyl-a-D-mannopyranosyl-(N2-Fmoc)-L-threonine pentafluorophenyl ester	535		1,2,3,4,6-Penta-O-benzoyl-D-galactopyranoside	453
	2,3,4,6-Tetra-O-acetyl-b-D-glucopyranosyl-N-Fmoc-L-threonine pentafluorophenyl ester	530		1,2,3,4,6-Penta-O-benzoyl-b-D-galactopyranose	453
	2,3,4,6-Tetra-O-acetyl-b-D-galactopyranosyl-N-Fmoc-L-threonine pentafluorophenyl ester	525		1,2,3,4,6-Penta-O-benzoyl-a-D-galactopyranose	453
C <sub>39</sub> H <sub>37</sub> F <sub>5</sub> N <sub>2</sub> O <sub>13</sub>	2-Acetamido-3,4,6-tri-O-acetyl-2-deoxy-a-D-galactopyranosyl-L-threonine pentafluorophenyl ester	22	C <sub>41</sub> H <sub>32</sub> O <sub>26</sub>	1,2,3,5,6-Penta-O-benzoyl-D-galactofuranose	453
C <sub>39</sub> H <sub>38</sub> N <sub>4</sub> O <sub>8</sub>	Telmisartan acyl-b-D-glucuronide	512		1,2,3,4,6-Penta-O-galloyl-D-glucopyranose	455
C <sub>39</sub> H <sub>39</sub> NO <sub>14</sub>	N-Fmoc-O-(2,3,4,6-tetra-O-acetyl-b-D-galactopyranosyl)-L-tyrosine	262		1,2,3,4,6-Penta-O-galloyl-b-D-glucopyranose	455
C <sub>39</sub> H <sub>44</sub> N <sub>4</sub> O <sub>12</sub>	Bilirubin acyl-b-D-glucuronide - Mixture of monoglucuronides	121	C <sub>41</sub> H <sub>39</sub> NO <sub>9</sub>	1,2,3,4,6-Penta-O-galloyl-a-D-glucopyranose	455
C <sub>39</sub> H <sub>45</sub> FN <sub>2</sub> O <sub>11</sub>	Atorvastatin acyl-b-D-glucuronide	87		2,3,4,6-Tetra-O-benzyl-1-O-(4-nitrobenzoyl)-b-D-glucopyranose	549
C <sub>39</sub> H <sub>58</sub> N <sub>2</sub> O <sub>9</sub>	N-[2-(4'-Dimethylaminophenyl)-1-cyano-3-butene]-2,3,4,6-tetra-O-pivaloyl-D-glucopyranoside	227	C <sub>41</sub> H <sub>40</sub> O <sub>6</sub> S	4-Methylphenyl 2,3,4-tri-O-benzyl-b-D-thiogluconuronic benzyl ester	412
C <sub>40</sub> H <sub>35</sub> N <sub>3</sub> O <sub>7</sub>	Methyl 4-azido-2,3-di-O-benzoyl-4-deoxy-6-O-trityl-a-D-glucopyranoside	378	C <sub>41</sub> H <sub>40</sub> N <sub>2</sub> O <sub>12</sub>	2-Acetamido-3-O-benzoyl-2-deoxy-a-D-galactopyranosyl Fmoc serine phenacyl ester	10
C <sub>40</sub> H <sub>36</sub> O <sub>15</sub>	Naphthofluorescein di-O-(b-D-galactopyranoside)	436	C <sub>41</sub> H <sub>42</sub> NO <sub>4</sub>	N-Benzyl-2,3,4,6-tetra-O-benzyl-1,5-dideoxyimino-L-ditol	120
C <sub>40</sub> H <sub>40</sub> O <sub>5</sub> S	Phenyl 2,3,4,6-tetra-O-benzyl-a-D-thiomannopyranoside	471	C <sub>41</sub> H <sub>42</sub> O <sub>5</sub> S	1,2,3,4,6-Penta-O-benzyl-b-D-thiogalactopyranoside	454
	Phenyl 2,3,4,6-tetra-O-benzyl-a-L-thiogluconopyranoside	471		4-Methylphenyl 2,3,4,6-tetra-O-benzyl-b-D-thiogalactopyranoside	408
C <sub>40</sub> H <sub>40</sub> O <sub>10</sub>	Propofol 2,3,4-tri-O-benzoyl-b-D-glucuronide methyl ester	481	C <sub>41</sub> H <sub>42</sub> O <sub>7</sub>	4-Methoxyphenyl 2,3,4,6-tetra-O-benzyl-b-D-galactopyranoside	369
C <sub>40</sub> H <sub>40</sub> O <sub>16</sub> S <sub>2</sub>	Methyl 2,3-di-O-p-toluenesulfonyl-6-O-trityl-a-D-glucopyranoside	397	C <sub>41</sub> H <sub>52</sub> O <sub>9</sub>	Methyl 2,3,4-tri-O-pivaloyl-6-O-trityl-a-D-mannopyranoside	428
C <sub>40</sub> H <sub>41</sub> O <sub>5</sub> S	Phenyl 2,3,4,6-tetra-O-benzyl-b-D-thiogluconopyranoside	471		Methyl 2,3,4-tri-O-pivaloyl-6-O-trityl-a-D-glucopyranoside	428
	Phenyl 2,3,4,6-tetra-O-benzyl-b-D-thiogalactopyranoside	471		Methyl 2,3,4-tri-O-pivaloyl-6-O-trityl-a-D-galactopyranoside	428
C <sub>40</sub> H <sub>42</sub> O <sub>16</sub> Si	1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidiphenylsilyl-a-D-mannopyranose	541	C <sub>41</sub> H <sub>66</sub> O <sub>13</sub>	Ziyuglycoside I	606
	1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidiphenylsilyl-b-D-galactopyranose	540	C <sub>41</sub> H <sub>68</sub> O <sub>14</sub>	Astragaloside IV	87
	1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidimethylsilyl-a-D-mannopyranose	540	C <sub>41</sub> H <sub>79</sub> O <sub>13</sub> P	L-a-Phosphatidyl-(1,2-dipalmitoyl)-D-myo-inositol	475
	1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidimethylsilyl-b-D-glucopyranose	540	C <sub>41</sub> H <sub>80</sub> O <sub>16</sub> P <sub>2</sub>	1,2-Dipalmitoyl-sn-glycero-3-phospho-(1'-myoinositol-4'-phosphate)	230
	1,2,3,4-Tetra-O-benzoyl-6-O-tert-butylidimethylsilyl-b-D-galactopyranose	540		1,2-Dipalmitoyl phosphatidylinositol 4-phosphate ammonium salt	230
C <sub>40</sub> H <sub>43</sub> NO <sub>10</sub>	Benzyl 2-acetamido-3,4-di-O-acetyl-2-deoxy-6-O-DMT-a-D-galactopyranoside	102		1,2-Dipalmitoyl phosphatidylinositol 5-phosphate	230
C <sub>40</sub> H <sub>43</sub> NO <sub>16</sub> S	Raloxifene 6,4'-bis-b-D-glucuronide	489	C <sub>42</sub> H <sub>30</sub> N <sub>6</sub> O <sub>12</sub>	Inositol nicotinate	326
C <sub>40</sub> H <sub>48</sub> O <sub>5</sub> S	Ethyl 2,3,4,6-tetra-O-(4-methoxybenzyl)-b-D-thiogluconopyranoside	252	C <sub>42</sub> H <sub>36</sub> O <sub>8</sub>	19-Norandrosterone D-glucuronide	442
	Ethyl 2,3,4,6-tetra-O-(4-methoxybenzyl)-b-D-thiogalactopyranoside	252	C <sub>42</sub> H <sub>36</sub> Ca <sub>20</sub>	Sennoiside b calciumsalt	503
C <sub>40</sub> H <sub>48</sub> O <sub>16</sub> S	Ethyl 2,3,4,6-tetra-O-(4-methoxybenzyl)-b-D-thiogalactopyranoside S-oxide	252	C <sub>42</sub> H <sub>37</sub> NO <sub>9</sub> S	1,2,6-Tri-O-benzyl-2-deoxy-4-O-[phenoxy(thiocarbonyl)]-2-phthalimido-b-D-glucopyranoside	582
				Sennoiside A	503
				Sennoiside B	502
				2,3,4,6-Tetra-O-benzyl-D-galactopyranosyl N-phenyl trifluoroacetimidate	546
				Sennoiside C	502
				1-O-tert-Butylidimethylsilyl-5-O-DMT-2-O-methyl-D-ribose 3-CE-phosphoramidite	130
				1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidiphenylsilyl)-a-D-mannopyranose	553
				1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidiphenylsilyl)-b-D-glucopyranose	552
				1,2,3,4-Tetra-O-pivaloyl-6-O-(tert-butylidiphenylsilyl)-b-D-galactopyranose	552
				Mogroside II A <sub>2</sub>	431
				Cerebroside sulfate	140
				Cerebrosides	140
				Cyanidin-3-O-coumaroyl sambubioside-5-glucoside	152

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C <sub>43</sub> H <sub>48</sub> O <sub>10</sub> Si	1,2,3,4-Tetra-O-benzoyl-6-O-triisopropylsilyl-a-D-mannopyranose	544	C <sub>50</sub> H <sub>37</sub> F <sub>6</sub> NO <sub>10</sub> S	2,3,4,6-Tetra-O-benzoyl-a-D-glucopyranosyl p-trifluoromethylbenzylthio-N-(trifluoromethylphenyl)formimidate	543
C <sub>41</sub> H <sub>44</sub> CINO <sub>9</sub> S·CH <sub>3</sub> CO <sub>2</sub> H	Montelukast acyl-b-D-glucuronide acetic acid salt	432	C <sub>50</sub> H <sub>46</sub> O <sub>10</sub> Si	1,2,3,4-Tetra-O-benzyl-6-O-tert-butylidiphenylsilyl-b-D-glucopyranose	540
C <sub>43</sub> H <sub>56</sub> O <sub>6</sub> Si	1,2,3,4-Tetra-O-benzyl-6-O-triisopropylsilyl-a-D-mannopyranose	550	C <sub>50</sub> H <sub>54</sub> O <sub>6</sub> Si	1,2,3,4-Tetra-O-benzyl-6-O-tert-butylidiphenylsilyl-a-D-mannopyranose	545
	1,2,3,4-Tetra-O-benzyl-6-O-triisopropylsilyl-b-D-glucopyranose	549		1,2,3,4-Tetra-O-benzyl-6-O-tert-butylidiphenylsilyl-b-D-glucopyranose	545
	1,2,3,4-Tetra-O-benzyl-6-O-triisopropylsilyl-b-D-galactopyranose	549		1,2,3,4-Tetra-O-benzyl-6-O-tert-butylidiphenylsilyl-b-D-galactopyranose	545
C <sub>43</sub> H <sub>70</sub> O <sub>15</sub>	Astragaloside II	86	C <sub>50</sub> H <sub>57</sub> NO <sub>17</sub>	7-Xylosyl-10-deacetyltaxol	604
C <sub>43</sub> H <sub>78</sub> NaO <sub>13</sub> P	L-α-Phosphatidylinositol - from Soy bean	475	C <sub>50</sub> H <sub>98</sub> N <sub>2</sub> O <sub>9</sub>	PBS 57	449
C <sub>43</sub> H <sub>79</sub> NO <sub>9</sub>	Cerebroside C	139	C <sub>50</sub> H <sub>99</sub> NO <sub>9</sub>	a-Galactosylceramide	277
C <sub>44</sub> H <sub>44</sub> O <sub>5</sub>	2,3,4-Tri-O-benzyl-5-O-(2-naphthyl)methyl-D-ribose	585	C <sub>53</sub> H <sub>42</sub> O <sub>10</sub>	1,2,3,4-Tetra-O-benzoyl-6-O-trityl-a-D-mannopyranose	544
C <sub>44</sub> H <sub>44</sub> O <sub>5</sub> Si	Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butylidiphenylsilyl-a-D-mannopyranoside	422		1,2,3,4-Tetra-O-benzoyl-6-O-trityl-b-D-glucopyranose	544
	Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butylidiphenylsilyl-a-D-glucopyranoside	422		1,2,3,4-Tetra-O-benzoyl-6-O-trityl-b-D-galactopyranose	544
	Methyl 2,3,4-tri-O-benzoyl-6-O-tert-butylidiphenylsilyl-a-D-galactopyranoside	422	C <sub>53</sub> H <sub>48</sub> O <sub>11</sub> Si	4-Methylumbelliferyl 2,3,4-tri-O-benzoyl-6-O-(tert-butylidiphenylsilyl)-b-D-galactopyranoside	429
C <sub>44</sub> H <sub>50</sub> O <sub>6</sub> Si	Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidiphenylsilyl-a-D-mannopyranoside	424	C <sub>53</sub> H <sub>48</sub> O <sub>12</sub>	5,7-Bis-(benzyloxy)-a-(4-(benzyloxy)phenyl)-3-[3,4-di-O-acetyl-a-O-acetyl-a-L-rhamnopyranosyloxy]-4H-chromen-4-one	121
	Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidiphenylsilyl-a-D-glucopyranoside	424	C <sub>53</sub> H <sub>50</sub> O <sub>6</sub>	1,2,3,4-Tetra-O-benzyl-6-O-trityl-a-D-mannopyranose	550
	Methyl 2,3,4-tri-O-benzyl-6-O-tert-butylidiphenylsilyl-a-D-galactopyranoside	424		1,2,3,4-Tetra-O-benzyl-6-O-trityl-b-D-glucopyranose	550
C <sub>45</sub> H <sub>53</sub> N <sub>3</sub> O <sub>10</sub>	N-omega-(2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-b-D-glucopyranosyl)-N-α-Boc-L-asparagine benzyl ester	446		1,2,3,4-Tetra-O-benzyl-6-O-trityl-b-D-galactopyranose	550
C <sub>45</sub> H <sub>58</sub> O <sub>10</sub>	1,2,3,4-Tetra-O-pivaloyl-6-O-trityl-b-D-glucopyranose	554	C <sub>53</sub> H <sub>85</sub> NO <sub>20</sub>	8,9-Dideoxy-28,29-dihydro-7,10-dihydroxy-35-O-(2,6-dideoxy-L-ribo-hexopyranosyl)amphotericin B	207
	1,2,3,4-Tetra-O-pivaloyl-6-O-trityl-b-D-galactopyranose	554	C <sub>57</sub> H <sub>108</sub> NO <sub>10</sub>	1,2-Dipalmitoyl-3-(N-palmitoyl-6'-amino-6'-deoxy-a-D-glucosyl)-sn-glycerol	229
C <sub>45</sub> H <sub>72</sub> O <sub>16</sub>	Astragaloside I	86	C <sub>60</sub> H <sub>87</sub> Na <sub>5</sub> O <sub>61</sub> S <sub>5</sub>	Neocarradecase-41,3,5,7,9-penta-O-sulfate sodium salt	438
C <sub>45</sub> H <sub>74</sub> O <sub>10</sub>	Monogalactosyldiacylglycerol	432	C <sub>63</sub> H <sub>103</sub> NO <sub>12</sub> P <sub>2</sub>	2-Acetamido-2-deoxy-D-galactopyranose diphospho undecapyrenyl	12
C <sub>45</sub> H <sub>86</sub> O <sub>10</sub>	Galactosyl diglyceride - 10 mg/ml solution in chloroform/methanol	278	C <sub>76</sub> H <sub>52</sub> O <sub>46</sub>	Tannic acid	511
C <sub>46</sub> H <sub>48</sub> CINO <sub>6</sub> S	Methyl 5-acetamido-4,7,8,9-tetra-O-benzyl-2-chloro-2,3,5-trideoxy-3-phenylthio-D-erythro-b-L-gluco-2-nonulopyranosonate	373	C <sub>96</sub> H <sub>138</sub> Na <sub>6</sub> O <sub>97</sub> S <sub>8</sub>	Neocarrahexadecaose-41,3,5,7,9,11,13,15-octa-O-sulfate sodium salt	438
C <sub>46</sub> H <sub>54</sub> O <sub>10</sub> Si	1,2,3,4-Tetra-O-benzoyl-6-O-triisopropylsilyl-b-D-glucopyranose	544	C <sub>146</sub> H <sub>122</sub> O <sub>26</sub>	1,2,3,4,6-Penta-O-(3,4,5-tri-O-benzylgalloyl)-b-D-glucopyranose	456
	1,2,3,4-Tetra-O-benzoyl-6-O-triisopropylsilyl-b-D-galactopyranose	544			
C <sub>46</sub> H <sub>55</sub> NO <sub>13</sub> SSi	Methyl 1-(6-tert-butylmethylsilyl-4'-hydroxyraloxifene)-2,3,4,-tri-O-acetyl-b-D-glycopyranuronate	383			
	Methyl 1-(4-tert-butylidimethylsilyl-6-hydroxyraloxifene)-2,3,4-tri-O-acetyl-b-D-glycopyranuronate	382			
C <sub>47</sub> H <sub>40</sub> O <sub>9</sub>	Methyl 2,3,4-tri-O-benzoyl-6-O-trityl-a-D-mannopyranoside	423			
	Methyl 2,3,4-tri-O-benzoyl-6-O-trityl-a-D-glucopyranoside	423			
	Methyl 2,3,4-tri-O-benzoyl-6-O-trityl-a-D-galactopyranoside	423			
C <sub>47</sub> H <sub>46</sub> O <sub>6</sub>	Methyl 2,3,4-tri-O-benzyl-6-O-trityl-a-D-mannopyranoside	427			
	Methyl 2,3,4-tri-O-benzyl-6-O-trityl-a-D-glucopyranoside	427			
	Methyl 2,3,4-tri-O-benzyl-6-O-trityl-a-D-galactopyranoside	427			
C <sub>47</sub> H <sub>48</sub> N <sub>2</sub> O <sub>10</sub>	2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-serine	24			
C <sub>47</sub> H <sub>75</sub> NO <sub>17</sub>	Mycostatin	434			
C <sub>47</sub> H <sub>83</sub> O <sub>13</sub> P	Phosphatidyl inositol - 10mg/ml solution in chloroform:methanol(4:1)	475			
C <sub>48</sub> H <sub>50</sub> N <sub>2</sub> O <sub>10</sub>	2-Acetamido-3,4,6-tri-O-benzyl-2-deoxy-a-D-galactopyranosyl-(N-Fmoc)-L-threonine	24			
C <sub>48</sub> H <sub>70</sub> Na <sub>4</sub> O <sub>45</sub> S <sub>4</sub>	Neocarraoctaose-41,3,5,7-tetra-O-sulfate sodium salt	438			
C <sub>48</sub> H <sub>91</sub> NO <sub>8</sub>	C24:1 b-D-Galactosyl ceramide	278			
C <sub>48</sub> H <sub>93</sub> NO <sub>6</sub>	Cerebrosides	140			



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# Carbosynth



## Human Milk Oligosaccharides

Human breast milk provides the primary source of nutrition for newborns before they are able to eat and digest other foods. One distinctive property of human milk from most other species is the amount and diversity of the free oligosaccharide it contains. These human milk oligosaccharides (HMO) can be present at levels of up to 12 g/l in milk and up to 20 g/l in colostrum.<sup>1</sup> HMO have been attributed with a variety of functions including:

- 1) Prebiotic
- 2) Decoy carbohydrate
- 3) Immunomodulation

### HMO Structure

Currently at least 130 unique HMO have been identified, all differing by constituent sugars, molecular weight or structure. Many share a common motif characterized by repetitive attachment of galactose (Gal) and N-acetylglucosamine (GlcNAc)<sup>2</sup> in a  $\beta$ -glycosidic linkage to lactose. Additional variety is generated by the addition of fucose (termed neutral HMO), e.g. 3'-Fucosyllactose, (OF05673) or 2-Fucosyllactose, (OF06739) and sialic acid (termed acidic HMO), e.g. 6'-Sialyllactose, (OS04398) and 3'-Sialyllactose, (OS04397). Addition is via  $\alpha$ -glucosidic bonds to generate oligosaccharides from three to thirty two sugars in length. Whilst most of the biosynthesis of HMO is not controlled at the gene level (unlike proteins) the presence and position of fucosylation is governed by the Lewis/Secretor status of the mother.<sup>3</sup> Dominant neutral oligosaccharides have been identified as lacto-N-tetraose (OL05683), lacto-N-neotetraose (OL05765) and lacto-N-fucopentaose I and V (OL05676 and OL06817 respectively)<sup>4</sup>

### Prebiotic Properties of HMO

The most abundant HMO is lacto-N-tetraose which is able to survive the acid environment of the stomach and is not degraded by normal gut enzymes. It therefore can pass down to the lower intestine where it acts as a prebiotic which encourages lower gut colonisation by many bifidobacteria species, which are recognised as essential for normal gut function.<sup>5</sup>

### HMO as Decoy Carbohydrates

Binding to a host cell wall is critical for the virulence of many pathogenic bacteria including *Campylobacter jejuni*, *E.coli*, *Vibrio cholera*, and *Shigella* and some *Salmonella* strains. Many of the virulence factors of these organisms are carbohydrate-binding proteins (lectins) which bind sugars displayed on cell membranes. HMO can bind to these lectins acting as decoys and preventing pathogens from

sticking to the target cells. An example of this is the inverse relationship between the incidence of *C. jejuni*, (one of the most predominant causes of diarrhoea in the world) in breast-fed children and levels of 2-fucosyl-lactose in the mother's milk. (*C. jejuni* is known to adhere to intestinal 2-fucosyl-lactosamine).<sup>6</sup> Similar antimicrobial effects of HMO have also been demonstrated for calicivirus diarrhoea and infections with heat stable enterotoxin of *E. coli*.<sup>7</sup>

During ingestion, HMO coat the throat and are known to inhibit adhesion of *Streptococcus pneumoniae* and *Haemophilus influenzae* to human pharyngeal or buccal epithelial cells resulting in the lower incidence of otitis media (inner ear infection) in breast fed babies.<sup>8</sup>

### Immune Role of HMO

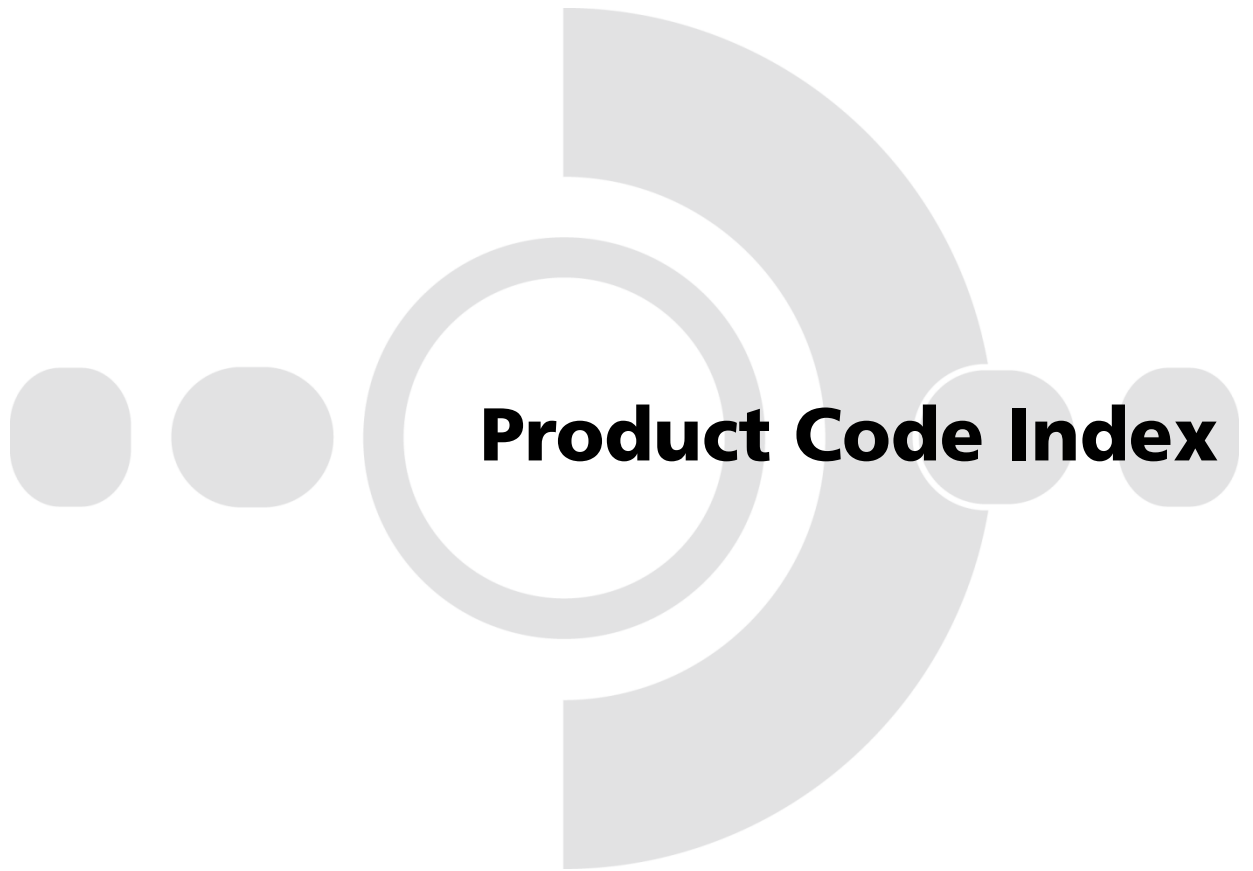
Selectins are glycoproteins which are displayed on the surface of many cells of the immune system and are involved with cell/cell interactions such as the infiltration of tissues in inflammation. Selectins bind to specific fucosylated and sialylated oligosaccharides, e.g., sialyl Lewis x (sLe<sup>x</sup>, OS04058), on their respective target ligands. HMO share many structural similarities to these carbohydrate ligands and acidic (sialylated) HMO are able to inhibit rolling and adhesion of leucocytes at physiologically relevant concentrations.

One of these selectin interactions is the formation of platelet/neutrophil complexes (PNCs) which lead to the activation of the neutrophils. PNCs are thought to be involved in necrotizing enterocolitis (NEC) and HMO have been attributed as the agent responsible for the lower incidence of NEC in breast fed infants (85 % lower than formula fed infants) via inhibition of PNC formation.<sup>9</sup>

Fractions of HMO are also known to inhibit the binding of both Galectins which bind  $\beta$ -Gal and LAcNAc terminated glycans and Siglecs which are specific for terminal sialic acid, their role in immunity or development however has not yet been fully explored.<sup>10,11</sup>

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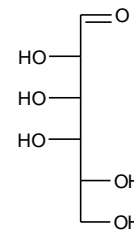
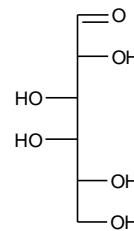
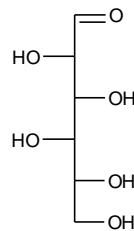
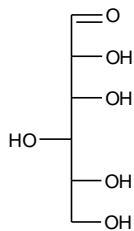
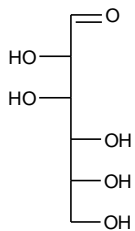
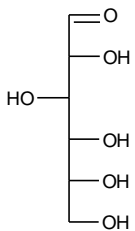
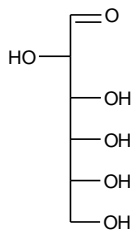
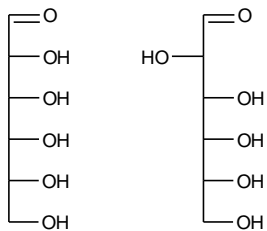
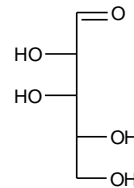
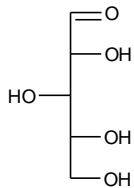
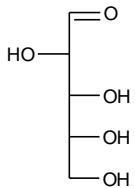
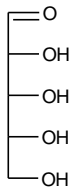
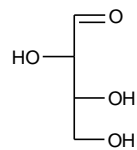
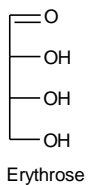
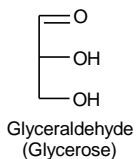
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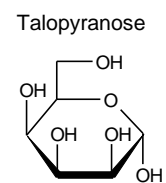
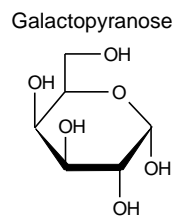
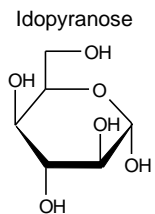
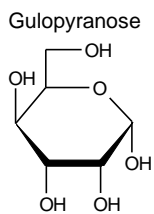
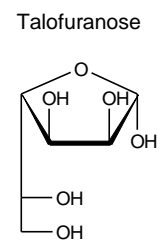
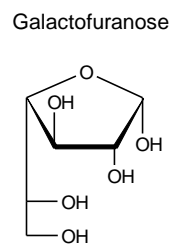
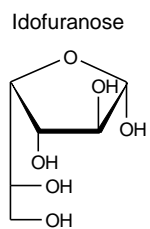
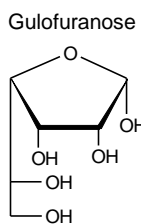
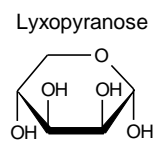
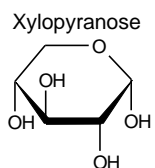
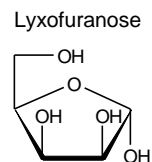
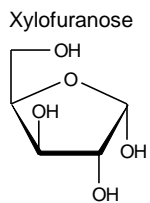
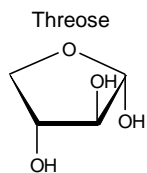


# Acyclic and Cyclic Aldoses

# Acyclic Forms of a-D-Aldoses

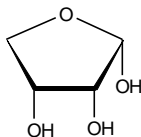


# Cyclic Forms of α-D-Aldoses

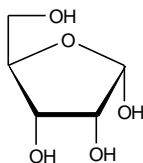


# Cyclic Forms of α-D-Aldoses

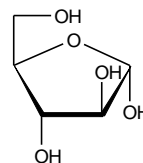
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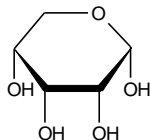
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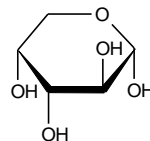
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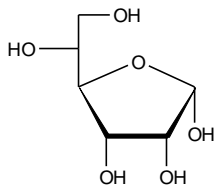
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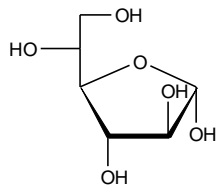
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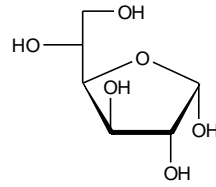
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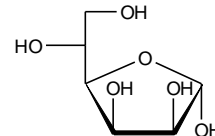
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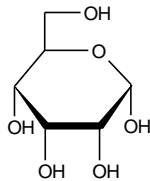
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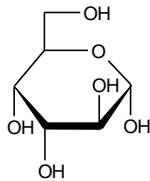
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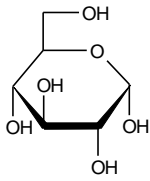
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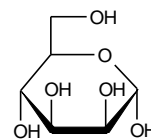
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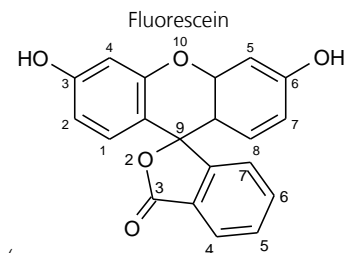
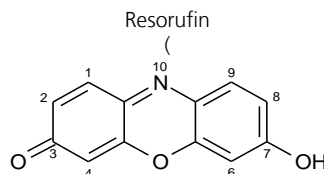
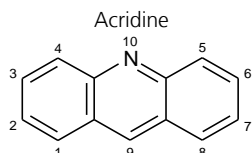
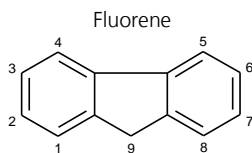
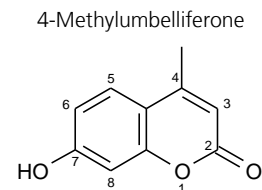
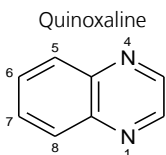
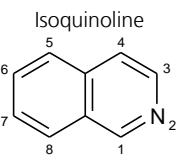
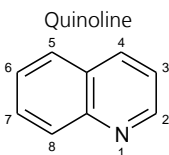
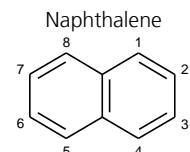
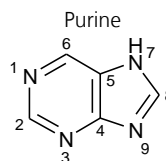
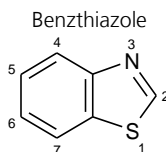
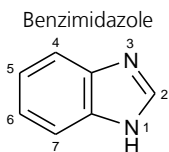
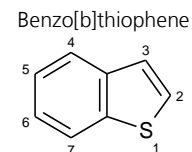
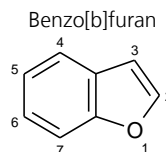
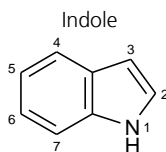
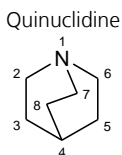
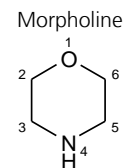
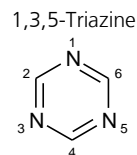
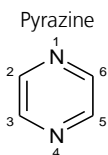
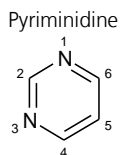
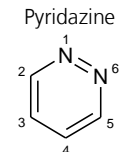
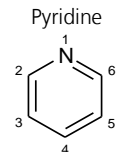
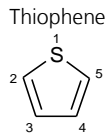
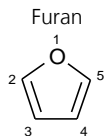






# Ring Numbering System

# Ring Numbering System



# Catalogue Abbreviations

\$	United States Dollars	Fru	Fructose	ManNAc	N-Acetyl-mannosamine
£	United Kingdom Pounds	Fuc	Fucose	MCe	Methyl cellulose
€	Euros	FucN	Fucosamine	Me	Methyl group
a	Alpha	FucNac	N-Acetyl-fucosamine	Mel	Methiodide
Ac	Acetyl	FW	Formula weight calculated using C mass 12.0107 and including hydrates if known	mg	Milligram
AdNJ	2-Acetamido-1,2-dideoxynojirimycin	G	Gram	ug	Microgram
ADR	European Agreement concerning the International Carriage of Dangerous goods by Road	GAG	Glycosaminoglycan	MMT	Monomethoxytrityl
Alt	Altrose	Gal	Galactose	Ms	Methanesulfonyl
APD	Acetylphenylenediamine	GalA	Galacturonic acid	MTS	Methanethiosulfonyl
APE	Aminophenylethyl	GalNAc	N-Acetylgalactosamine	MU	Methylumbelliferyl
API	Active Pharmaceutical Ingredient	GDP	Guanosine 5'-diphosphate	n	Normal
Ara	Arabinose	Glc	Glucose	NAG	N-Acetyl-glucosamine
ATP	Adenosine 5'-triphosphate	GlcA	Glucuronic acid	NANA	N-Acetyl neuraminic acid
AZT	Azidothymidine	GlcN	Glucosamine	NAO	Non-animal origin
b	Beta	GlcNAc	N-Acetylglucosamine	Neu	Neuraminic acid
Bn	Benzyl	Gul	Gulose	Neu5Ac	N-Acetyl neuraminic acid
Boc	tert-Butoxycarbonyl	GulA	Guluronic acid	ONP	2-Nitrophenyl
BSA	Bovine serum albumin	HEC	Hydroxyethyl cellulose	ONPG	2-Nitrophenyl-b-D-galactopyranoside
Bz	Benzoyl	HM	High methoxy	Ots	p-Toluenesulfonyl
ca.	approximately	HPC	Hydroxypropyl cellulose	PAP	p-Aminophenyl
CAP	Cellulose acetate phthalate	HPLC	High-performance liquid chromatography	PGX	Polyglycoplex
CAS	Chemical Abstracts Service (Registry Number)	HPMC	Hydroxypropylmethyl cellulose	PMB	Anisoyl
CMC	Carboxymethyl cellulose	HPMCP	Hydroxypropylmethyl cellulose phthalate	PNP	4-Nitrophenyl
CM-Dextran	Carboxymethyl dextran	HSA	Human serum albumin	PugNAc	O-(2-Acetamido-2-deoxy-D-glucopyranosylidene)amine N-phenyl carbamate
CUG	Carboxyumbelliferyl galactopyranoside	i	Iota	Rha	Rhamnose
DEAE-Dextran	Diethylaminoethyl dextran	Ido	Idose	Rib	Ribose
DIC	1,3-Diisopropylcarbodiimide	IdoA	Iduronic acid	ROW	Rest of World
DMF	Dimethylaminomethylidene	Ino	Inositol	Sol	Solution
DMT	Dimethoxytrityl	IPTG	Isopropyl b-D-1-thiogalactopyranoside	Sor	Sorbose
E	trans	k	Kappa	Tag	Tagatose
EC	European Commission	Kg	Kilogram	Tal	Talose
ECe	Ethyl cellulose	KLH	Keyhole limpet hemocyanin	TBDMS	tert-Butyldimethyl silyl
EHC	Ethyl hydroxyethyl cellulose	l	Lambda	t-Bu	tert-Butyl
EINECS	European Inventory of Existing Commercial Chemical Substances	LacNAc	N-Acetyl-lactosamine	Tol	Tolyl
ELINCS	European List of Notified Chemical Substances	LM	Low methoxy	Tr	Trityl
Et	Ethyl group	LogNAc	2-Acetamido-2-deoxy-D-glucohydroximo-1,5-lactone	UDP	Uridine 5'-diphosphate
Et3N	Triethyl amine	Lyx	Lyxose	UN Number	United Nations Substance Identification Number
EUR	Euros	Man	Mannose	WSC	Water-soluble carbodiimide
EXW	Ex works	ManA	Mannurinic acid	Xyl	Xylose
Fmoc	Fluorenylmethoxycarbonyl	ManN	Mannosamine	Z	cis

# Journal Abbreviations

Acc. Chem. Res.	Accounts of Chemical Research	Biosci. Rep.	Bioscience Reports
Acta. Crystallogr. Sect. A	Acta Crystallographica Section A: Foundations	Biotechnol. Appl. Biochem.	Biotechnology and Applied Biochemistry
Acta. Crystallogr. Sect. B	Acta Crystallographica Section A: Foundations	Biotechnol. Bioeng.	Biotechnology and Bioengineering
Acta. Crystallogr. Sect. C	Acta Crystallographica Section C: Crystal Structure Communications	Biotechnol. Lett.	Biotechnology Letters
Acta. Crystallogr. Sect. D	Acta Crystallographica Section D: Biological Crystallography	Br. J. Pharmacol.	British Journal of Pharmacology
Acta. Crystallogr. Sect. E	Acta Crystallographica Section E: Structure Reports Online	Bull. Korean Chem. Soc.	Bulletin of the Korean Chemical Society
Adv. Synth. Catal.	Advanced Synthesis and Catalysis	Can. J. Biochem.	Canadian Journal of Biochemistry
Anal. Biochem.	Analytical Biochemistry	Can. J. Chem.	Canadian Journal of Chemistry
Anal. Chim. Acta	Analytica Chimica Acta	Carbohydr. Chem	Carbohydrate Chemistry
Angew. Chem. Int. Ed.	Angewandte Chemie International Edition	Carbohydr. Res.	Carbohydrate Research
Antimicrob. Agents Chemother.	Antimicrobial Agents and Chemotherapy	Cell Biochem. Funct.	Cell Biochemistry and Function
Antiviral Chem. Chemother.	Antiviral Chemistry and Chemotherapy	Chem. Ber.	Chemische Berichte
Appl. Compos. Mater.	Applied Composite Materials	Chem. Commun.	Chemical Communications
Appl. Environ. Microbiol.	Applied and Environmental Microbiology	Chem. Eur. J.	Chemistry - A European Journal
Appl. Microbiol. Biotechnol	Applied Microbiology and Biotechnology	Chem. Heterocycl. Compd.	Chemistry of Heterocyclic Compounds
Arch. Biochem. Biophys.	Archives of Biochemistry and Biophysics	Chem. Nat. Compd.	Chemistry of Natural Compounds
Arch. Environ. Contam. Toxicol.	Archives of Environmental Contamination and Toxicology	Chem. Pharm. Bull.	Chemical and Pharmaceutical Bulletin
Arch. Microbiol.	Archives of Microbiology	Chem. Phys. Lipids	Chemistry and Physics of Lipids
Biochem. Biophys. Res. Commun.	Biochemical and Biophysical Research Communications	Chem. Res. Toxicol.	Chemical Research in Toxicology
Biochem. J.	Biochemical Journal	Chem. Rev.	Chemical Reviews
Biochem. Pharmacol.	Biochemical Pharmacology	Chin. Chem. Lett.	Chinese Chemical Letters
Biochim. Biophys. Acta	Biochimica et Biophysica Acta	Clin. Biochem.	Clinical Biochemistry
Biomed. Chromatogr.	Biomedical Chromatography	Clin. Chim. Acta	Clinica Chimica Acta
Bioorg. Med. Chem.	Bioorganic and Medicinal Chemistry	Collect. Czech. Chem. Commun.	Collection of Czechoslovak Chemical Communications
Bioorg. Med. Chem. Lett.	Bioorganic and Medicinal Chemistry Letters	Enzyme Microb. Technol.	Enzyme and Microbial Technology
Biophys. Chem.	Biophysical Chemistry	Eur. J. Biochem.	European Journal of Biochemistry
Biophys. J.	Biophysical Journal	FEBS Lett.	FEBS Letters
Biosci. Biotechnol. Biochem.	Bioscience Biotechnology and Biochemistry	Free Radical Biol. Med.	Free Radical Biotechnology and Medicine
		Fresenius J. Anal. Chem.	Fresenius Journal of Analytical Chemistry
		Glycoconjugate J.	Glycoconjugate Journal
		Helv. Chim. Acta	Helvetica Chimica Acta
		Indian J. Chem. Sect. A	Indian Journal of Chemistry Section A
		Indian J. Chem. Sect. B	Indian Journal of Chemistry Section B

# Journal Abbreviations

Inorg. Chem.	Inorganic Chemistry	Macromol. Chem. Phys.	Macromolecular Chemistry and Physics
Int. J. Chem. Kinet.	International Journal of Chemical Kinetics	Mendeleev Commun.	Mendeleev Communications
Int. J. Polym. Mater.	International Journal of Polymeric Materials	Methods Enzymol.	Methods in Enzymology
Int. J. Radiat. Biol.	International Journal of Radiation Biology	Mikrochim. Acta	Mikrochimica Acta
J. Am. Chem. Soc.	Journal of the American Chemical Society	Mol. Cell. Biochem.	Molecular and Cellular Biochemistry
J. AOAC Int.	Journal of AOAC International	Mol. Microbiol.	Molecular Microbiology
J. Appl. Polym. Sci.	Journal of Applied Polymer Science	Mol. Pharmacol.	Molecular Pharmacology
J. Bacteriol.	Journal of Bacteriology	Mol. Phys.	Molecular Physics
J. Biol. Chem.	Journal of Biological Chemistry	Nat. Biotechnol.	Nature Biotechnology
J. Biomed. Mater. Res.	Journal of Biomedical Materials Research	Nucleic Acids Res.	Nucleic Acids Research
J. Carbohydr. Chem.	Journal of Carbohydrate Chemistry	Org. Lett.	Organic Letters
J. Cell. Biochem.	Journal of Cellular Biochemistry	Org. Mass Spectrom.	Organic Mass Spectrometry
J. Chem. Ecol.	Journal of Chemical Ecology	Pharm. Chem. J.	Pharmaceutical Chemistry Journal
J. Chem. Soc. Chem. Commun.	Journal of the Chemical Society, Chemical Communications	Photochem. Photobiol.	Photochemistry and Photobiology
J. Chem. Soc. Perkin Trans. 1	Journal of the Chemical Society, Perkin Transactions 1	Polym. Adv. Technol.	Polymers for Advanced Technology
J. Chem. Soc. Perkin Trans. 2	Journal of the Chemical Society, Perkin Transactions 2	Reel. Trav. Chim. Pays-Bas	Recueil des Travaux Chimiques des Pays-Bas Journal
J. Chromatogr.	Journal of Chromatography	Russ. Chem. Bull.	Russian Chemical Bulletin
J. Ferment Bioeng.	Journal of Fermentation and Bioengineering	Synth. Commun.	Synthetic Communications
J. Ind. Microbiol. Biotechnol.	Journal of Industrial Microbiology and Biotechnology	Tetrahedron Lett.	Tetrahedron Letters
J. Mass Spectrom.	Journal of Mass Spectrometry	Tetrahedron: Asymmetry	Tetrahedron: Asymmetry
J. Med. Chem.	Journal of Medicinal Chemistry		
J. Membr. Biol.	Journal of Membrane Biology		
J. Membr. Sci.	Journal of Membrane Science		
J. Org. Chem.	Journal of Organic Chemistry		
J. Pharm. Sci.	Journal of Pharmaceutical Sciences		
J. Pharmacol. Exp. Ther.	Journal of Pharmacology and Experimental Therapeutics		
J. Polym. Sci. Part A: Polym. Chem.	Journal of Polymer Science Part A: Polymer Chemistry		
J. Polym. Sci. Part B: Polym. Phys.	Journal of Polymer Science Part B: Polymer Physics		
Liebigs Ann. Chem.	Liebigs Annalen der Chemie		

# Terms of Sale

## Application

These terms and conditions apply to all sales of goods by the Seller to any Purchaser (Buyer) and shall prevail over and apply to the exclusion of any terms or conditions contained or referred to in the Buyer's order or in correspondence or elsewhere or implied by trade custom or dealing unless specifically agreed to in writing by a director or other authorised representative of the Seller and any purported provisions to the contrary are hereby excluded or extinguished.

## Definitions

"Seller" means Carbosynth Limited (registration number 5771788)

"Products" "Goods" means the items described in the orders to be supplied by Carbosynth to the Buyer pursuant to this Agreement

"Buyer" "Purchaser" means the other party to this agreement

## Quotations

A quotation by the Seller does not constitute an offer and may be withdrawn or revised at any time prior to the Seller's acceptance of the Buyer's order.

## Prices

**(A)** The prices payable for the goods shall be those contained in the Seller's list prices that is current at the time of despatch. The Seller shall have the right at any time to withdraw any discount from its normal prices and/or to revise prices to take into account increases in costs including without limitation costs of any goods, materials, carriage, labour or overheads, the increase or imposition of any tax, duty or other levy and any variation in exchange rates.

**(B)** Unless otherwise specified VAT and any other tax or duties payable by the Buyer shall be added to the price.

## Terms of Payment

**(A)** Payment of invoices, unless subject to the terms and conditions under "Export Sales", shall unless otherwise agreed in writing be made in full without any deduction or set-off within 30 days of the date of invoice.

**(B)** Any extension of credit allowed to the Buyer may be changed or withdrawn at any time

**(C)** Interest shall be payable on overdue accounts at the rate of 3% over Royal Bank of Scotland Plc base rate to run from the due date for payment thereof until receipt by the Seller of the full amount whether or not after judgement.

## Delivery

**(A)** Delivery dates mentioned in any quotation, acknowledgement of order or elsewhere are approximate only and not of any contractual effect and the Seller shall not be under any liability to the Buyer in respect of any failure to deliver on any particular date or dates.

**(B)** Delivery shall be at the Buyer's premises unless otherwise stipulated or agreed by the Seller. The Seller may charge for delivery other than at its premises.

**(C)** If the Buyer refuses or fails to take delivery of goods tendered in accordance with the contract the Seller shall be entitled to immediate payment in full for the goods so tendered. The Seller shall be entitled to store at the risk of the Buyer any goods of which the Buyer refuses or fails to take delivery and the Buyer shall in addition to the purchase price pay all costs of such storage and any additional costs incurred as a result of such refusal or failure. The Seller shall be entitled after the expiration of 3 months from the date upon which the price became payable to dispose of the goods in such manner as the Seller may determine.

## Divisibility

Each delivery made hereunder shall be deemed to arise from a separate contract and shall be invoiced separately; any invoice for a delivery shall be payable in full in accordance with the terms of payment provided for herein, without reference to and notwithstanding any defect of default in delivery of any other instalment.

## Risk

Subject (where appropriate) to the terms and conditions under "Export Sales" shall pass on delivery.

## Export Sales

**(A)** In the case where the goods are sold CIF or FOB or on the basis of other international trade term the meaning of such term contained in incoterms as revised from time to time shall apply except where inconsistent with any of the provisions contained in these Conditions.

**(B)** Unless otherwise agreed the price of the goods shall be secured by an irrevocable Letter of Credit satisfactory to the Seller established by the Buyer in favour of the Seller immediately upon receipt of the Seller's acknowledgement of order and confirmed by a United Kingdom bank acceptable to the Seller. The letter of credit shall be for the contract price inclusive of any tax or duty payable by the Buyer and shall be valid for at least 6 months or such longer period as shall have been estimated by the Seller for delivery. The Seller shall be entitled to payment on presentation to such United Kingdom bank of the documents specified by the Seller or as herein stipulated.

**(C)** Should the Buyer fail when requested by the Seller and within the time specified by the Seller to take any action necessary on its part for delivery and/or shipment of the goods then (i) The Seller shall be entitled by way of delivery to store the goods in a warehouse at the expense and risk of the Buyer (ii) The price shall become immediately payable (iii) If payment is secured by a Letter of Credit the Seller shall be entitled to payment on presentation of the copy sales

# Terms of Sale

invoice and the warehouse receipt and (iv) The Seller shall be entitled after the expiration of 3 months from the date upon which the price became payable to dispose of the goods in such manner as the Seller may determine without accounting to the Buyer therefore:

**(D)** Section 32(2) of the Sale of Goods Act 1979 shall not apply. The Seller shall not be required to give the Buyer the notice specified in Section 32(3) of that Act.

## Title

**(A)** Title to the goods shall not pass to the Buyer until the earlier of: payment in full of the price or the goods ceasing to be identifiable by virtue of their utilisation or consumption in the production of other items or materials. Until such payment, utilisation or consumption the Buyer shall have possession of the goods as bailee for the Seller and shall store the goods in such a way as to enable them to be identifiable as the property of the Seller provided that if the Buyer is purchasing the goods for resale the Buyer may in the ordinary course of its business sell and deliver the goods to a third party on condition that until such payment as aforesaid the Buyer shall hold all proceeds of such sale in trust for the Seller and in a separate account. The Buyer hereby undertakes forthwith upon being so requested by the Seller to assign to the Seller all rights and claims which the Buyer may have against its customers arising from such sales until payment is made in full as aforesaid.

**(B)** The Seller reserves the right to repossess any identifiable goods in respect of which payment is overdue and thereafter to re-sell the same and for this purpose the Buyer grants an irrevocable right and licence to the Seller's servants and agents to enter upon all or any of its premises with or without vehicles during normal business hours. This right shall continue to subsist notwithstanding the termination of the contract for any reason and is without prejudice to any accrued rights of the Seller there under or otherwise.

## Variation

The Seller shall be determined to have fulfilled its contractual obligations in respect of any delivery though the quantity may be up to 10% more or less than the quantity specified in the contract and in such event the Buyer shall pay for the actual quantity delivered.

## Third Party Rights

**(A)** The Buyer shall indemnify the Seller against any and all liabilities, claims and costs incurred by or made against the Seller as a direct or indirect result of the carrying out of any work required to be done on or to the goods in accordance with the requirements or specifications of the Buyer involving any infringement or alleged infringement of any rights of any third party.

**(B)** The Seller shall have no liability to the Buyer in the event of the goods infringing or being alleged to infringe the rights of any third party. In the event that the goods are or may be the subject of patent, copyright, registered design, trade mark or other rights of any third party the Seller shall be obliged to transfer to the Buyer only such title as the Seller may have.

## Specifications

Unless expressly agreed in writing by the Seller all data sheets, specifications and particulars of physical properties submitted by the Seller are approximate only and the Seller shall have no liability in respect of any deviation therefrom. The Seller accepts no responsibility for any errors, omissions or other defects in any data sheets, specifications or particulars of physical properties not prepared by the Seller and the Seller shall be indemnified by the Buyer against any and all liabilities and expenses incurred by the Seller arising therefrom.

## Liability

**(A)** The Seller shall not be liable to the Buyer (i) For shortages in quantity delivered unless the Buyer notifies the Seller of any claim of short delivery within 7 days of receipt of goods (ii) Where goods are carried by the Seller's own transport or by a carrier on

behalf of the Seller for damage in transit to the goods apparent upon a reasonable inspection or loss in transit of the goods or any part thereof unless the Buyer shall notify the Seller of any such claim within 14 days of receipt of the goods or the scheduled date of delivery whichever shall be the earlier (iii) For defects in the goods caused by any act, neglect or default of the Buyer or of any third party. (iv) For other defects in the goods unless notified to the Seller within 14 days of receipt of the goods by the Buyer or where the defect would not be apparent on reasonable inspection within 3 months of delivery.

**(B)** The Seller may at its option make good any shortage or non-delivery and/or as appropriate replace any goods found to be damaged or defective.

**(C)** The Seller's aggregate liability to the Buyer whether for negligence, breach of contract, misrepresentation or otherwise shall in no circumstances exceed the cost of the defective damaged or under delivered goods determined by net price invoiced to the Buyer in respect of any occurrence or series of occurrences.

**(D)** The Seller's prices are determined on the basis of the limits of liability set out in this Condition. The Buyer may by written notice to the Seller request the Seller to agree a higher limit of liability provided insurance cover can be obtained therefore. The Seller shall effect insurance up to such limit and the Buyer shall pay upon demand the amount of any and all premiums. The Buyer shall disclose such information as the insurer shall require. In no case shall the Buyer be entitled to recover from the Seller more than the amount received from the insurers.

**(E)** Without prejudice to any other provisions herein where a shelf life is specified for the goods (in any relevant data sheet or other document available to the Buyer) the Seller shall have no liability for any degradation to the goods after the expiry of such shelf life and for any resulting loss to the Buyer and any other person, firm or company

# Terms of Sale

**(F)** Subject to the foregoing all conditions, warranties and representations expressed or implied by statute, common law or otherwise in relation to the goods are hereby excluded and the Seller shall be under no liability to the Buyer for any loss, damage or injury direct or indirect resulting from defective material, faulty workmanship or otherwise howsoever arising and whether or not caused by the negligence of the Seller, its employees or agents SAVE THAT the Seller shall accept liability for death or personal injury caused by the negligence of the Seller.

## Packaging

**(A)** The Buyer shall meet the cost of any special packaging requested by the Buyer for any packaging rendered necessary by delivery by any means other than the Seller's normal means of delivery.

**(B)** The Seller shall be entitled to invoice the Buyer for the cost of all pallets and other returnable packaging materials unless the same are returned to the Seller in good condition carriage paid within 30 days of the date of delivery.

## Licences and Consents

If any licence or consent of any government or other authority shall be required for the acquisition, carriage or use of the goods by the Buyer the Buyer shall obtain the same at its own expense and if necessary produce evidence of the same to the Seller on demand. Failure to do so shall not entitle the Buyer to withhold or delay payment of the price. Any additional expenses or charges incurred by the Seller resulting from such failure shall be for the Buyer's account.

## Force Majeure

**(A)** The Seller shall not be liable to the Buyer for any loss or damage which may be suffered by the Buyer as a direct or indirect result of the supply of goods by the Seller

being prevented, hindered, delayed or rendered uneconomic by reason of circumstances or events beyond the Seller's reasonable control including but not limited to act of God, war, riot, strike, lock-out, trade dispute or labour disturbance, accident, breakdown of plant or machinery, fire, flood, storm, difficulty or increased expense in obtaining workmen, materials or transport or other circumstances affecting the supply of the goods or of raw materials therefore by the Seller's normal source of supply or the manufacture of the goods by the Seller's normal means or the delivery of the goods by the Seller's normal route or means of delivery

**(B)** If due to such events or circumstances the Seller has insufficient stocks to meet all its commitments the Seller may apportion available stocks between its customers at its sole discretion.

## Insolvency and Default

If the Buyer makes any voluntary arrangement with its creditors or becomes subject to an administration order or permits an act of bankruptcy or compounds with his creditors or if a receiving order is made against him or if (being a company) an order is made or a resolution is passed for the winding up of the Buyer (otherwise than for the purpose of amalgamation or reconstruction) or if a receiver is appointed of any of the Buyer's assets or undertaking or if circumstances arise which entitle the court or a creditor to appoint a receiver or manager or which entitle the court to make a winding up order or if the Buyer takes or suffers any similar or analogous action in consequence of debt or commits any breach of this or any other contract between the Seller and the Buyer the Seller may without prejudice to any of its other rights stop any goods in transit and/or suspend further deliveries and/or determine the rights of the Buyer under condition 8 and/or by notice in writing to the Buyer determine the contract.

## Waiver

Failure by the Seller to exercise or enforce any rights hereunder shall not be deemed to be a waiver of any such right nor operate so as to bar the exercise or enforcement thereof at any time or times thereafter.

## Notices

Any notice hereunder shall be deemed to have been duly given if sent by registered post, personal delivery, telex, fax or e-mail to the party concerned at its last known address. Notices sent by registered post shall be deemed to have been given 7 days after despatch and notices sent by telex, fax or e-mail shall be deemed to have been given on the date of despatch. Notices given by personal delivery shall be deemed to be given on delivery.

## Governing Law

This contract shall be governed by and construed in all respects in accordance with the laws of England and the parties hereby submit to the jurisdiction of the English court.

## Health and Safety

The Seller provides Material Safety Data Sheets on request, in accordance with current legislation; the goods supplied are for supply to qualified personnel only. The goods should be used in facilities designed for chemical, biological and allied research only and not for human or animal consumption. Goods should be stored in accordance with details provided on the Material Safety Data Sheet and labels. Precautions should be taken to ensure that contact between goods and skin, eyes or other mucous membranes is avoided using where necessary protective clothing and air extraction.



# 進階生物科技股份有限公司

台北總公司 02-26959935  
台中辦事處 04-22373160

免付費專線 0800251302  
台南辦事處 06-2760235

傳真 02-26958373  
高屏台東辦事處 07-5539956

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經銷商 榮陽長庚區·康寧 02-28200822

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