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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.

The Source for **Carbohydrates and Nucleosides**

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.



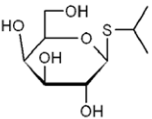
# Key to Product Listing

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

Synonym or Acronym —● • IPTG non-animal origin

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

Product Code —● EI05931

Structure —● 

Product Grade —●

Formula —●

Formula Weight —●

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

Typical Pack Size —●

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**



**5-AA-CTP**

see *5-Aminoallylcytidine 5'-triphosphate lithium salt - 100mM aqueous solution, NA32073 on page 33*

**5-AA-dUTP.Li**

see *5-Aminoallyl 2'-deoxyuridine 5'-triphosphate lithium salt - 100mM aqueous solution, NA32074 on page 34*

**A(5')P5(5')A**

see *Diadenosine pentaphosphate pentasodium salt, ND46856 on page 229*

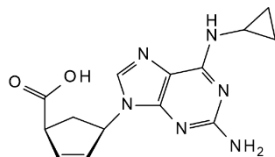
**Abacavir carboxylate**

• (1S,4R)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-carboxylic acid  
• 2269W

[384380-52-3] C<sub>14</sub>H<sub>16</sub>N<sub>6</sub>O<sub>2</sub> 300.32

NA16897

1mg	\$350.00
2mg	\$660.00
5mg	\$1200.00



Refs: Hoetelmans, R, et al, Pharm. World Sci, 19, 159

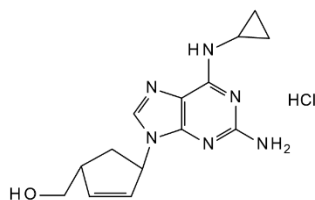
**trans-Abacavir hydrochloride**

• (1R,4R)-rel-4-[2-amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol hydrochloride

[267668-71-3] C<sub>14</sub>H<sub>19</sub>ClN<sub>6</sub>O 322.79

NA16496

Price On Application



Refs: Foster, R, et al, Drugs, 55, 729 (1998); Hanumegowda, U, et al, Chem. Res. Toxicol, 23, 749 (2010); Prasse, C, et al, Environ. Sci. Technol, 44, 1728 (2010)

**(1S-cis)-Abacavir monophosphate**

see *Abacavir 5'-phosphate, NA16495 on page 9*

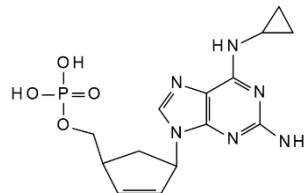
**Abacavir 5'-phosphate**

• (1S,4R)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol dihydrogen phosphate (ester)  
• (1S-cis)-Abacavir monophosphate

[136470-77-4] C<sub>14</sub>H<sub>19</sub>N<sub>6</sub>O<sub>4</sub>P 366.31

NA16495

1mg	\$318.00
2mg	\$578.10
5mg	\$1051.10



Refs: Faletto, M, et al, Antimicrob. Agents Chemother, 41, 1099

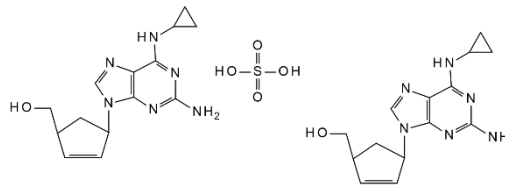
**Abacavir sulfate**

• Abacavir Sulphate

[188062-50-2][136777-48-5] C<sub>14</sub>H<sub>18</sub>N<sub>6</sub>O·½H<sub>2</sub>SO<sub>4</sub> 335.37

NA10019

2g	\$50.00
5g	\$75.00
10g	\$120.00



Refs: Staszewski S. et al. , J. Am. Med. Assoc, 2001, 285, p1155

**Abacavir Sulphate**

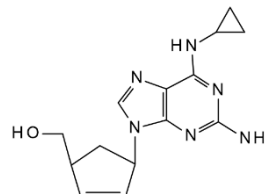
see *Abacavir sulfate, NA10019 on page 9*

**Abacavir**

[136470-78-5] C<sub>14</sub>H<sub>18</sub>N<sub>6</sub>O 286.33

NA10018

1g	\$65.00
2g	\$110.00
5g	\$200.00

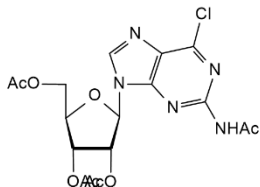


Refs: Zucman D, et.al. , J Acquir Immune Defic Syndr. 2007, 45 p1-3.



**Abacavir****(1R,4S)-Abacavir**see *ent-abacavir*, NE16540 on page 267**Acadesine**see *5-Aminoimidazole-4-carboxamide-1-β-D-ribofuranose*, NA03552 on page 56**2-Acetamido-6-chloro-9-(2',3',5'-tri-O-acetyl-β-D-ribofuranosyl)purine**[137896-02-7] C<sub>18</sub>H<sub>20</sub>ClN<sub>5</sub>O<sub>8</sub> 469.83

NA04442	100mg	\$105.00
	250mg	\$210.00
	500mg	\$395.00



Refs: Kozai S, Yorikane A, Maruyama T, Nucleotides &amp; Nucleic Acids 2001, 20, 8, p1523

**4'-Acetamido-4'-deoxyadenosine**see *1-[2-(6-Aminopurin-9-yl)-3,4-dihydroxy-5-(hydroxymethyl)pyrrolidin-1-yl]ethanone*, NA71841 on page 61**Acetoacetyl-CoANa3 tetrahydrate**see *Acetoacetyl coenzyme A trisodium salt trihydrate*, NA47206 on page 10**Acetoacetyl coenzyme A lithium salt**C<sub>25</sub>H<sub>36</sub>N<sub>7</sub>O<sub>18</sub>P<sub>3</sub>SLi<sub>4</sub>·5H<sub>2</sub>O 965.42

NA48994	5mg	\$150.00
	10mg	\$270.00
	25mg	\$550.00

**Acetoacetyl coenzyme A trisodium salt trihydrate**

• Acetoacetyl-CoANa3 tetrahydrate

[102029-52-7] C<sub>25</sub>H<sub>37</sub>N<sub>7</sub>Na<sub>3</sub>O<sub>18</sub>P<sub>3</sub>S<sub>3</sub>·H<sub>2</sub>O 971.6

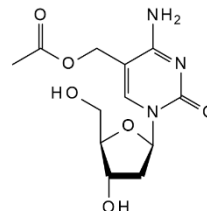
NA47206	1mg	\$55.00
	2mg	\$90.00
	5mg	\$150.00

**5-Acetoxyethyl-2'-deoxycytidine**C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub> 299.28

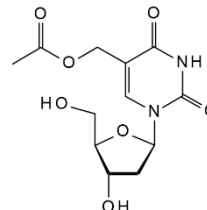
NA12830

500mg

\$3675.00

**5-Acetoxyethyl-2'-deoxyuridine**[148380-55-6] C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>7</sub> 300.26

NA11237

10mg  
25mg  
50mg\$157.50  
\$252.00  
\$378.00**N4-Acetyl-3'-O-acetyl-2'-deoxycytidine**see *3'-O, N4-Diacetyl-2'-deoxycytidine*, ND09207 on page 330**N4-Acetyl-3'-O-acetyl-2'-deoxycytidine**

[70284-47-8]

NA03451

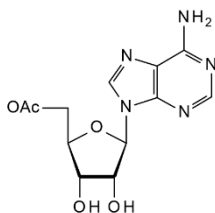
Price On Application



**5'-O-Acetyladenosine**[2140-25-2] C<sub>12</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 309.28

NA09588

50mg	\$105.00
100mg	\$189.00
250mg	\$315.00

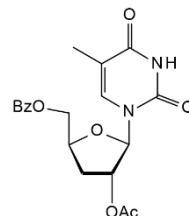


Refs: Ferrero M. et al, Chem. Rev, 2000, 100, p4319

**2'-O-Acetyl-5'-O-benzoyl-3'-deoxy-5-methyluridine**[143653-60-5] C<sub>19</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 388.37

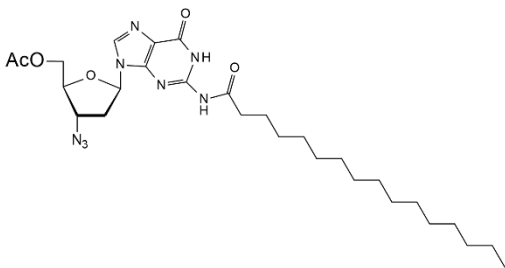
NA31581

Price On Application

**5'-O-Acetyl-3'-azido-2',3'-dideoxy-N2-palmitoylguanosine**[144742-33-6] C<sub>28</sub>H<sub>44</sub>N<sub>6</sub>O<sub>5</sub> 572.7

NA06399

5mg	\$94.50
25mg	\$236.50
50mg	\$420.00

**N-Acetyl-5-[1,2-bis(acetyloxy)ethyl]-5'-O-DMT-2'-deoxycytidine**[364613-33-2] C<sub>47</sub>H<sub>58</sub>N<sub>5</sub>O<sub>12</sub>P 915.96

NA146816

Price On Application

**N4-Acetyl-2'-O-tert-butylidimethylsilyl-cytidine**[119794-51-3] C<sub>17</sub>H<sub>29</sub>N<sub>3</sub>O<sub>6</sub>Si 399.51

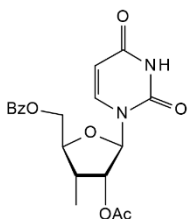
NA57543

1g	\$65.00
2g	\$110.00
5g	\$225.00

**2'-O-Acetyl-5'-O-benzoyl-3'-deoxy-3'-C-methyluridine**C<sub>19</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 388.37

NA15619

Price On Application

**N4-Acetyl-2'-O-tert-butylidimethylsilylcytidine**[401812-97-3] C<sub>17</sub>H<sub>29</sub>N<sub>3</sub>O<sub>6</sub>Si 399.51

NA71488

Price On Application

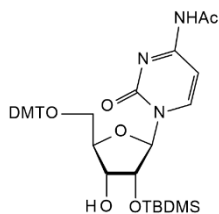


## Acetylbutylid

## N4-Acetyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine

[121058-85-3] C<sub>38</sub>H<sub>47</sub>N<sub>3</sub>O<sub>8</sub>Si 701.88

NA11979	250mg	\$65.00
	500mg	\$100.00
	1g	\$150.00



## N4-Acetyl-3'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine

• 5'-DMT-3'-TBDMS-N4-Ac-rC

[123956-65-0] C<sub>38</sub>H<sub>47</sub>N<sub>3</sub>O<sub>8</sub>Si 701.88

NA15518

Price On Application

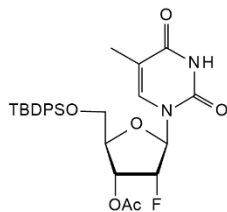


## 3'-O-Acetyl-5'-O-tert-butylidiphenylsilyl-2'-deoxy-2'-fluorothymidine

C<sub>28</sub>H<sub>33</sub>FN<sub>2</sub>O<sub>6</sub>Si 540.66

NA08463

10mg	\$94.50
25mg	\$157.50
50mg	\$262.50

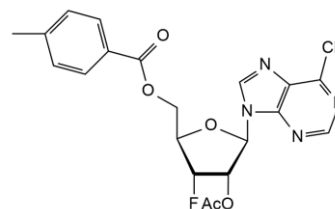


## 2'-O-Acetyl-2-chloro-3'-deoxy-3'-fluoro-5'-O-toluoylinosine

C<sub>20</sub>H<sub>18</sub>ClFN<sub>4</sub>O<sub>5</sub> 448.83

NA15614

Price On Application



## Acetyl-CoA Li

see *Acetyl coenzyme A lithium salt*, NA45964 on page 12

## Acetyl-S-CoA Li3

see *Acetyl coenzyme A trilithium salt*, NA46990 on page 13

## Acetyl CoA

see *Acetyl coenzyme A sodium salt*, NA15698 on page 12

## Acetyl coenzyme A lithium salt

• Acetyl-CoA Li

[32140-51-5]	C <sub>23</sub> H <sub>38</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S <sub>3</sub> Li	809.57 (free acid basis)	
NA45964		5mg	\$85.00
		10mg	\$150.00
		25mg	\$275.00



## Acetyl coenzyme A sodium salt

• Acetyl CoA

[102029-73-2]	C <sub>23</sub> H <sub>38</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S <sub>3</sub> xNa	809.57 (free acid basis)	
NA15698		2mg	\$70.00
		5mg	\$145.00
		10mg	\$250.00





**Acetyl coenzyme A trilithium salt**

• Acetyl-S-CoA Li3

[75520-41-1] C<sub>23</sub>H<sub>35</sub>Li<sub>3</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S 827.37

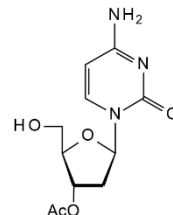
NA46990

5mg	\$75.00
10mg	\$125.00
25mg	\$250.00

**3'-O-Acetyl-2'-deoxycytidine**[72560-69-1] C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 269.25

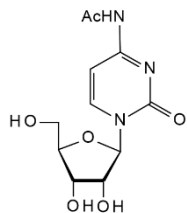
NA07943

500mg	\$90.00
1g	\$168.00
5g	\$315.00

**N4-Acetylcytidine**[3768-18-1] C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>6</sub> 285.25

NA05753

5g	\$45.00
10g	\$75.00
25g	\$140.00

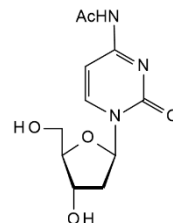


Refs: Stern L, Schulman LH, J. Biol. Chem. 1978, 253, p6132

**N4-Acetyl-2'-deoxycytidine**[32909-05-0] C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 269.25

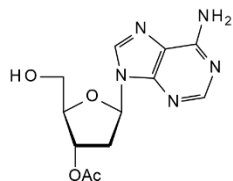
NA08263

25g	\$65.00
50g	\$100.00
100g	\$145.00

**3'-O-Acetyl-2'-deoxyadenosine**[6612-73-3] C<sub>12</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 293.29

NA08525

50mg	\$210.00
100mg	\$394.00
250mg	\$920.00

**N2-O-Acetyl-2'-deoxy-3',5'-di-O-acetyl-06-DPC-a-b-guanosine**

NA76382

25mg	\$50.00
50mg	\$90.00
100mg	\$150.00

**N6-Acetyl-2'-deoxyadenosine**C<sub>12</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 293.28

NA57527

Price On Application



## Acetyldeoxyd

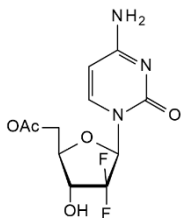
## 5'-O-Acetyl-2'-deoxy-2',2'-difluorocytidine

• 5'-O-Acetylgemcitabine

C<sub>11</sub>H<sub>13</sub>F<sub>2</sub>N<sub>3</sub>O<sub>5</sub> 305.23

NA10690

1mg	\$95.00
2mg	\$150.00
5mg	\$250.00

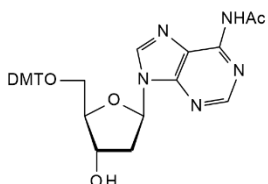


## N6-Acetyl-2'-deoxy-5'-O-DMT-adenosine

C<sub>33</sub>H<sub>33</sub>N<sub>5</sub>O<sub>6</sub> 595.65

NA08597

1g	\$210.00
5g	\$945.00
10g	\$1680.00



## N6-Acetyl-2'-deoxy-5'-O-DMT-adenosine

• DMT-Ac-dA

C<sub>33</sub>H<sub>33</sub>N<sub>5</sub>O<sub>6</sub> 595.65

ND57508

Price On Application



## N4-Acetyl-2'-deoxy-5'-O-DMT-cytidine 3'-Q linker CPG 1000Å

NA11632

250mg	\$60.00
500mg	\$100.00
1g	\$157.50



## N4-Acetyl-2'-Deoxy-5'-O-DMT-cytidine 3'-succinyl CPG 1000 Å

NA11603

1g \$157.50



## N4-Acetyl-2'-deoxy-5'-O-DMT-cytidine 3'-succinyl CPG 1400 Å

NA11608

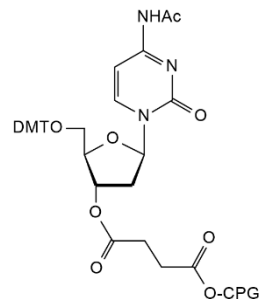
1g	\$126.00
5g	\$367.50
10g	\$630.00



## N4-Acetyl-2'-deoxy-5'-O-DMT-cytidine 3'-succinyl CPG 2000 Å

NA09884

1g	\$157.50
5g	\$472.50
10g	\$840.00



## N4-Acetyl-2'-deoxy-5'-O-DMT-cytidine 3'-succinyl CPG 500 Å

NA10318

1g	\$126.00
5g	\$315.00
10g	\$525.00



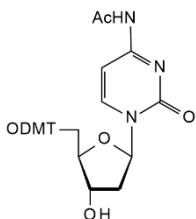
**N4-Acetyl-2'-deoxy-5'-O-DMT-cytidine**

• 5'-DMT-N4-acetyl-2'-deoxycytidine

[100898-63-3] C<sub>32</sub>H<sub>33</sub>N<sub>3</sub>O<sub>7</sub> 571.62

NA04015

5g	\$60.00
10g	\$90.00
25g	\$170.00

**N4-Acetyl-2'-deoxy-5'-O-DMT-2'-fluorocytidine 3'-O-succinate**

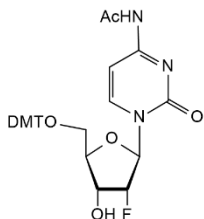
NA145741

25mg	\$50.00
50mg	\$85.00
100mg	\$150.00

**N4-Acetyl-2'-deoxy-5'-O-DMT-2'-fluorocytidine**• 2'-Fluoro-5'-O-DMT-N4-acetyl-cytidine  
• N4-Acetyl-5'-O-DMT-2'-fluoro-2'-deoxycytidine[159414-98-9] C<sub>32</sub>H<sub>32</sub>FN<sub>3</sub>O<sub>7</sub> 589.61

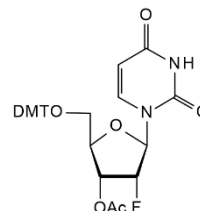
NA06052

500mg	\$65.00
1g	\$95.00
2g	\$160.00

**3'-O-Acetyl-2'-deoxy-5'-O-DMT-2'-fluorouridine**C<sub>32</sub>H<sub>31</sub>FN<sub>2</sub>O<sub>8</sub> 590.6

NA08460

50mg	\$31.50
100mg	\$53.00
250mg	\$105.00

**N4-Acetyl-2'-deoxy-5'-O-DMT-5-iodocytidine**

• DMT-Ac-5-I-2'-deoxycytidine

C<sub>32</sub>H<sub>32</sub>IN<sub>3</sub>O<sub>7</sub> 697.52

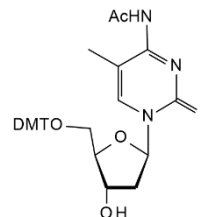
ND57519

Price On Application

**N4-Acetyl-2'-deoxy-5'-O-DMT-5-methylcytidine**C<sub>33</sub>H<sub>35</sub>N<sub>3</sub>O<sub>7</sub> 585.65

NA03003

250mg	\$85.00
500mg	\$150.00
1g	\$275.00

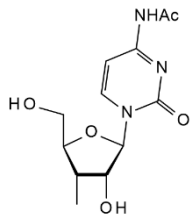


## AcetyldeoxyD

## N4-Acetyl-3'-deoxy-5'-O-DMT-3'-C-methylcytidine

NA15624

Price On Application

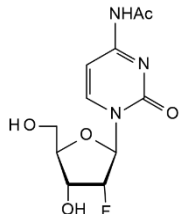


## N4-Acetyl-2'-deoxy-2'-fluorocytidine

[159414-97-8] C<sub>11</sub>H<sub>14</sub>FN<sub>3</sub>O<sub>5</sub> 287.24

NA02623

500mg	\$60.00
1g	\$100.00
2g	\$180.00



## N4-Acetyl-2'-deoxy-2'-fluoro-2'-C-methylcytidine

NA29438

Price On Application

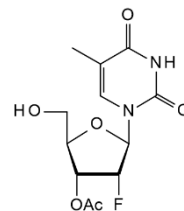


## 3'-O-Acetyl-2'-deoxy-2'-fluoro-5-methyluridine

C<sub>12</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>6</sub> 302.26

NA08458

50mg	\$63.00
100mg	\$105.00
250mg	\$210.00

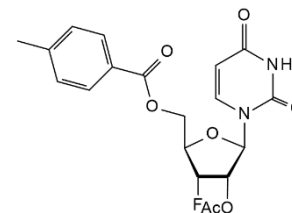


## 2'-O-Acetyl-3'-deoxy-3'-fluoro-5'-O-toluoyluridine

C<sub>19</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>7</sub> 406.36

NA15558

Price On Application



## N-Acetyl-2'-deoxy-guanosine 3',5'-diacetate

see 3',5',N2-Tri-O-acetyl-2'-deoxyguanosine, NT16879 on page 370

## 3'-O-Acetyl-2'-deoxy-N2-isobutyrylguanosine

[74925-81-8] C<sub>16</sub>H<sub>21</sub>N<sub>5</sub>O<sub>6</sub> 379.37

NA76379

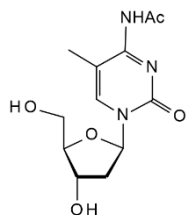
50mg	\$85.00
100mg	\$150.00
250mg	\$300.00



**N4-Acetyl-2'-deoxy-5-methylcytidine**C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 283.28

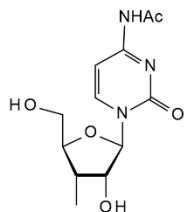
NA15219

1g	\$630.00
2g	\$1155.00
5g	\$2362.50

**N4-Acetyl-3'-deoxy-3'-C-methylcytidine**C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 283.28

NA15623

Price On Application

**N4-Acetyl-2'-deoxy-5'-O-tritylcytidine**C<sub>30</sub>H<sub>29</sub>N<sub>3</sub>O<sub>5</sub> 511.57

NA57522

Price On Application

**5'-O-Acetyldidanosine**

see 5'-O-Acetyl-2',3'-dideoxyinosine, NA08461 on page 17

**1-(5'-O-acetyl-2,3-dideoxy-a-D-erythro-pentofuranosyl)uracil**

see 5'-O-Acetyl-2',3'-dideoxy-3'-fluoro-a-uridine, NA02562 on page 17

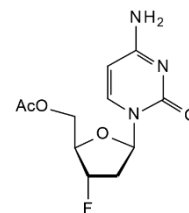
**5'-O-Acetyl-2',3'-dideoxy-3'-fluoro-cytidine**

• 1-(5'-O-Acetyl-2,3-dideoxy-3-fluoro-b-D-erythro-pentofuranosyl)cytosine

C<sub>11</sub>H<sub>14</sub>FN<sub>3</sub>O<sub>4</sub> 271.25

NA03794

Price On Application

**1-(5'-O-Acetyl-2,3-dideoxy-3-fluoro-b-D-erythro-pentofuranosyl)cytosine**

see 5'-O-Acetyl-2',3'-dideoxy-3'-fluoro-cytidine, NA03794 on page 17

**5'-O-Acetyl-2',3'-dideoxy-3'-fluoro-a-uridine**

• 1-(5'-O-acetyl-2,3-dideoxy-a-D-erythro-pentofuranosyl)uracil

[51247-09-7]

NA02562

Price On Application

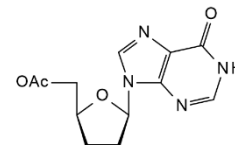
**5'-O-Acetyl-2',3'-dideoxyinosine**

• 5'-O-Acetyldidanosine

[130676-58-3] C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub> 278.26

NA08461

Price On Application



## Acetyldiphen

## N2-Acetyl-O6-diphenylcarbamoyl guanine

A	NA76381	25mg	\$50.00
		50mg	\$90.00
		100mg	\$150.00



## N4-Acetyl-5'-O-DMT-cytidine 3'-succinyl CPG 1000 Å (RNA)

A	NA11629	50mg	\$70.00
		100mg	\$100.00
		250mg	\$150.00

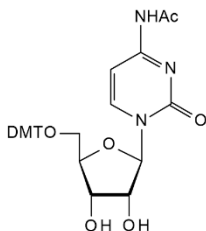


## N4-Acetyl-5'-O-DMT-cytidine

• 5'-O-(4,4'-Dimethoxytrityl)-N4-acetyl-2'-deoxycytidine

[121058-82-0] C<sub>32</sub>H<sub>33</sub>N<sub>3</sub>O<sub>8</sub> 587.63

A	NA11105	5g	\$65.00
		10g	\$125.00
		25g	\$175.00



## N4-Acetyl-5'-O-DMT-2'-fluoro-2'-deoxycytidine

see N4-Acetyl-2'-deoxy-5'-O-DMT-2'-fluorocytidine, NA06052 on page 15

## N2-Acetyl-5'-O-DMT-guanosine

A	NA138797	10g	\$250.00
		25g	\$485.00
		50g	\$825.00



## N4-Acetyl-5'-O-DMT-5-iodocytidine

• DMT-Ac-5-I-Cytidine

C<sub>32</sub>H<sub>32</sub>I<sub>2</sub>N<sub>3</sub>O<sub>8</sub> 713.52

ND57520

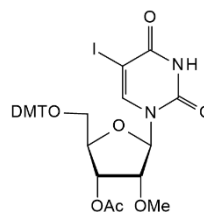
Price On Application



## 3'-O-Acetyl-5'-O-DMT-5-iodo-2'-O-methyuridine

NA15556

Price On Application

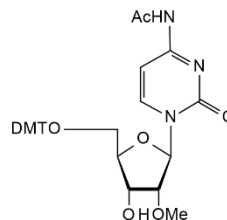


## N4-Acetyl-5'-O-DMT-2'-O-methylcytidine

[199593-08-3] C<sub>33</sub>H<sub>35</sub>N<sub>3</sub>O<sub>8</sub> 601.65

NA03000

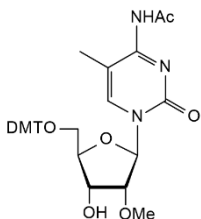
1g	\$90.00
2g	\$160.00
5g	\$325.00



**N4-Acetyl-5'-O-DMT-2'-O-methyl-5-methylcytidine**C<sub>34</sub>H<sub>37</sub>N<sub>5</sub>O<sub>8</sub> 615.67

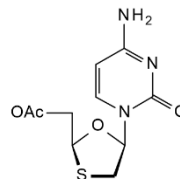
NA11484

2g	\$590.00
5g	\$975.00
10g	\$1750.00

**5'-O-Acetyllamivudine**C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>S 271.29

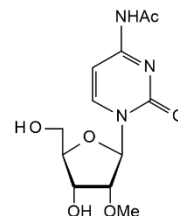
NA15183

100mg	\$1500.00
200mg	\$2500.00

**N4-Acetyl-2'-O-methylcytidine**[113886-71-8] C<sub>12</sub>H<sub>17</sub>N<sub>5</sub>O<sub>6</sub> 299.29

NA08375

100mg	\$60.00
250mg	\$92.50
500mg	\$150.00

**N-Acetylneuraminic acid aldolase**

[9027-60-5]

NA16429

Price On Application

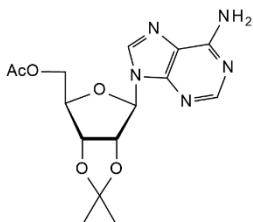
**5'-O-Acetylgemcitabine**

see 5'-O-Acetyl-2'-deoxy-2',2'-difluorocytidine, NA10690 on page 14

**5'-O-Acetyl-2',3'-O-isopropylideneadenosine**[15888-38-7] C<sub>15</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 349.34

NA04029

1g	\$78.80
2g	\$147.00
5g	\$341.30



Refs: Yamanori K, Ito R, Yamamoto S, et al, Dalton Trans. 2003, p380

**N2-Acetyl-6-[2-(4-nitrophenyl)ethoxy]-2'-O-trifluoromethanesulfonyl-3',5'-di-O-tritylguanosine**

NA34795

100mg	\$6000.00
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## Acetylpyridi

## 3-Acetylpyridine adenine dinucleotide, reduced form, sodium salt

• APADH

[102029-93-6] C<sub>22</sub>H<sub>28</sub>N<sub>6</sub>O<sub>14</sub>P<sub>2</sub>Na<sub>2</sub> 708.42

NA30684	25mg	\$150.00
	50mg	\$250.00
	100mg	\$400.00



## 3-Acetylpyridine adenine dinucleotide

• APAD

[86-08-8] C<sub>22</sub>H<sub>28</sub>N<sub>6</sub>O<sub>14</sub>P<sub>2</sub> 662.44

NA30683	10mg	\$50.00
	25mg	\$85.00
	50mg	\$150.00



## N-Acetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)adenosine

[828247-65-0] C<sub>23</sub>H<sub>41</sub>N<sub>5</sub>O<sub>7</sub>Si<sub>2</sub> 527.76

NT57554	500mg	\$200.00
	1g	\$300.00
	2g	\$440.00



## N-Acetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)cytidine

[85335-73-5] C<sub>23</sub>H<sub>41</sub>N<sub>5</sub>O<sub>7</sub>Si<sub>2</sub> 527.76

NT57555	500mg	\$200.00
	1g	\$300.00
	2g	\$440.00



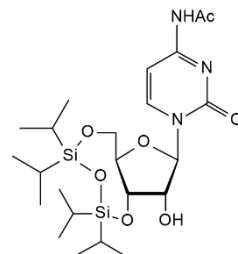
## N4-Acetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)cytidine

- 3',5'-O-TIPPS-N4-acetylcytidine
- N4-Acetyl-3',5'-O-TIPPS-cytidine

C<sub>23</sub>H<sub>41</sub>N<sub>5</sub>O<sub>7</sub>Si<sub>2</sub> 527.76

NA09329

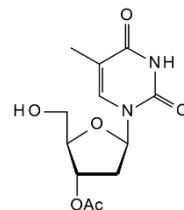
Price On Application



## 3'-O-Acetylthymidine

[21090-30-2] C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 284.27

NA08376	500mg	\$95.00
	1g	\$175.00
	2g	\$300.00



Refs: Schouten A, Kanters JA, Acta Cryst, 1991, C47, p1320



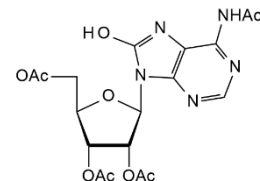
## N4-Acetyl-3',5'-O-TIPPS-cytidine

see N4-Acetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)cytidine, NA09329 on page 20

## N6-Acetyl-2',3',5'-tri-O-acetyl-8-hydroxyadenosine

C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>9</sub> 451.39

NA08462	50mg	\$52.50
	100mg	\$95.00
	250mg	\$157.50





**N4-Acetyl-5'-O-Tritylcytidine**C<sub>30</sub>H<sub>29</sub>N<sub>5</sub>O<sub>5</sub> 511.57

NA57526

Price On Application

**Adenine-9,3-deoxy-b-D-erythro-pentofuranoside**

see 3'-Deoxyadenosine, ND02930 on page 173

**Adenine-riboflavine dinucleotide**

see Riboflavin 5'-adenosine diphosphate disodium salt hydrate, NR35410 on page 350

**Adenosine 3',5'-bisphosphate triethylammonium salt - 10mM aqueous solution**

• Adenosine 3',5'-diphosphate triethylammonium salt

[1053-73-2] C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>·X(C<sub>6</sub>H<sub>15</sub>N) 427.20 (free acid basis)

NA44795

500ug	\$325.00
1mg	\$495.00
2mg	\$750.00

**(S)-Adenosine 3',5'-cyclic hydrogenphosphorothioate triethylammonium salt**

see Adenosine 3',5'-cyclic monophosphothioate Sp-isomer sodium salt, NA08994 on page 22

**Adenosine 2',3'-cyclic monophosphate-5'-monophosphate**

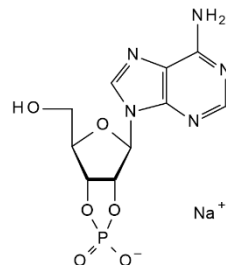
NA146212

Price On Application

**Adenosine 2',3'-cyclic monophosphate sodium salt**[37063-35-7] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>NaO<sub>6</sub>P 351.19

NA07178

50mg	\$80.00
100mg	\$130.00
250mg	\$275.00

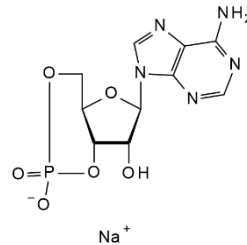
**Adenosine 3',5'-cyclic monophosphate sodium salt**

• cAMP sodium salt

[37839-81-9] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>NaO<sub>6</sub>P 351.19

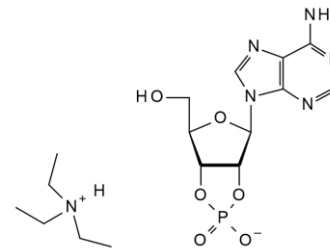
NA08992

1g	\$47.30
2g	\$70.00
5g	\$125.00

**Adenosine 2',3'-cyclic monophosphate triethylammonium salt**[634-01-5] C<sub>16</sub>H<sub>27</sub>N<sub>6</sub>O<sub>6</sub>P 430.4

NA10355

1mg	\$75.00
2mg	\$120.00
5mg	\$250.00



Refs: Blondal T, et al, J. Biol. Chem, 2005, 280, p5188; Shenoy A, et al, J. Mol. Biol, 2007, 365, p211

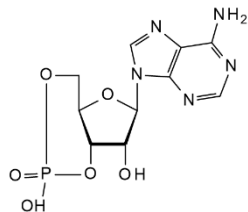
## Adenosinecyc

## Adenosine 3',5'-cyclic monophosphate

- Cyclic AMP
- cAMP

[60-92-4] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>6</sub>P 329.21

NA08991	1g	\$60.00
	2g	\$100.00
	5g	\$150.00



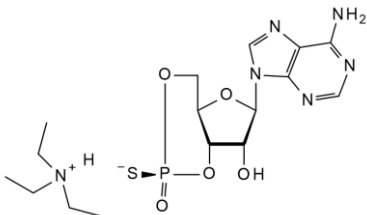
Refs: Eron L, Arditti R, Zubay G, Connaway S, Beckwith JR, Proc Natl Acad Sci U S A. 1971,68, p21

## Adenosine 3',5'-cyclic monophosphorothioate Sp-isomer triethylammonium salt

- cAMPS. TEA, Sp-isomer
- Sp-cAMPS. TEA

[93602-66-5] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>5</sub>PS·C<sub>6</sub>H<sub>16</sub>N 446.46

NA08995	1mg	\$195.00
	2mg	\$300.00
	5mg	\$450.00



## Adenosine 3',5'-cyclic monophosphorothioate Rp-isomer sodium salt

[73208-40-9] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>5</sub>PS·Na 367.25

NA58197	1mg	\$250.00
	2mg	\$390.00
	5mg	\$875.00

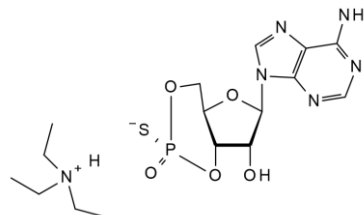


## Adenosine 3',5'-cyclic monophosphorothioate Rp-isomer triethylammonium salt

- cAMP TEA, Rp isomer
- Rp-Cyclic 3',5'-hydrogen phosphorothioate adenosine triethylammonium salt
- Rp-Adenosine 3',5'-cyclic monophosphorothioate triethylammonium salt hydrate

[151837-09-1] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>5</sub>PS·C<sub>6</sub>H<sub>16</sub>N 446.46

NA08993	1mg	\$150.00
	2mg	\$260.00
	5mg	\$600.00

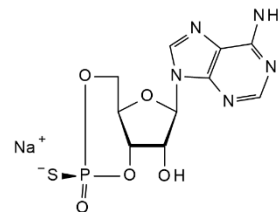


## Adenosine 3',5'-cyclic monophosphorothioate Sp-isomer sodium salt

- (S)-Adenosine 3',5'-cyclic hydrogenphosphorothioate triethylammonium salt
- Sp-cAMPS

[71774-13-5] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>5</sub>PS·Na 367.25

NA08994	1mg	\$150.00
	2mg	\$250.00
	5mg	\$450.00



## Adenosine 5'-difluoromethylene-5'-triphosphate triethylammonium salt

NA31345

Price On Application



**Adenosine 3',5'-diphosphate barium salt**[40436-88-2] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>Ba 562.51

Price On Application

NA57558

**Adenosine 5'-diphosphate bis(cyclohexylammonium) salt**[102029-87-8] C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>·2C<sub>6</sub>H<sub>13</sub>N 625.55

NA45874

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

**Adenosine 3',5'-diphosphate disodium salt**

- 3'-Phosphoadenosine 5'-phosphate
- PAP

[75431-54-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>·2Na 473.18

NA15774

1mg	\$65.00
2mg	\$100.00
5mg	\$150.00

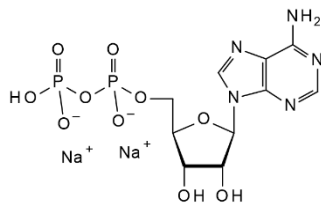
**Adenosine 5'-diphosphate disodium salt**

- 5'-ADP·2Na·2H<sub>2</sub>O Adenosine-5'-diphosphoric acid disodium salt dihydrate

[16178-48-6] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>·2Na 471.16

NA10195

5g	\$70.00
10g	\$120.00
25g	\$240.00

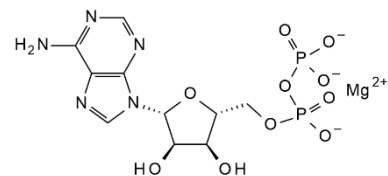
**Adenosine 5'-diphosphate magnesium salt**

- ADP magnesium salt

[20310-60-5]

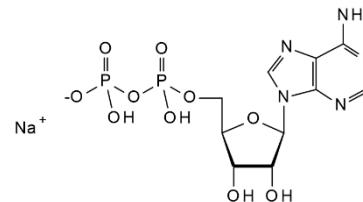
NA44287

Price On Application

**Adenosine 5'-diphosphate monosodium salt**[20398-34-9] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>NaO<sub>10</sub>P<sub>2</sub> 449.18

NA08996

10g	\$75.00
25g	\$140.00
50g	\$250.00

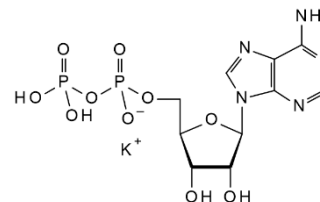
**Adenosine 5'-diphosphate potassium salt**

- ADP.K

[72696-48-1] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>·K 465.29

NA10696

5g	\$68.30
10g	\$99.80
25g	\$184.00

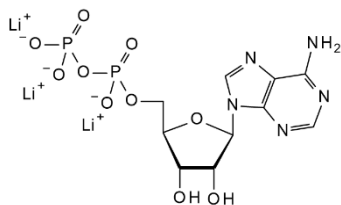
**Adenosine 3',5'-diphosphate triethylammonium salt**

see Adenosine 3',5'-bisphosphate triethylammonium salt - 10mM aqueous solution, NA44795 on page 21

**Adenosinedip****Adenosine 5'-diphosphate trilitium salt**

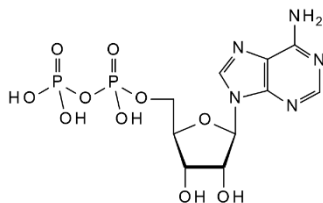
• ADP.3Li

[31008-64-7]	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> ·Li <sub>3</sub>	445	25g	\$375.00
NA06911			50g	\$550.00
			100g	\$820.00

**Adenosine 5'-diphosphate**

• 5'-ADP

[58-64-0]	C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub>	427.2	5g	\$60.00
NA10698			10g	\$95.00
			25g	\$162.50

**Adenosine 5'-Diphosphate-13C5**

[58-64-0]	C <sub>513</sub> C <sub>5</sub> H <sub>15</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub>	6528.64	10mg	\$3120.00
NA63511				

**Adenosine-5'-O-diphospho-(1''-(4-nitrophenoxy)-ribose)**

• ADPR-pNP

[939028-75-8]	C <sub>21</sub> H <sub>26</sub> N <sub>6</sub> O <sub>16</sub> P <sub>2</sub>	680.41	Price On Application	
NA63574				

**Adenosine-5'-O-diphosphoribose phosphate**

• ADPRP

[53595-18-9]	C <sub>15</sub> H <sub>24</sub> N <sub>5</sub> O <sub>17</sub> P <sub>3</sub>	639.3	Price On Application	
NA63573				

**Adenosine HCl**[58056-57-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>·HCl 303.7

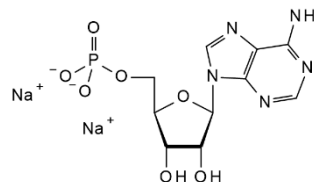
NA05656	Price On Application			
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Refs: Shikata K, Ueki T, Mitsui T, Structural Crystallography and Crystal Chemistry, 1973, B29, p31

**Adenosine 5'-monophosphate disodium salt**

[4578-31-8][13474-03-6]	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>7</sub> P·2Na	391.19	100g	\$65.00
NA03463			250g	\$125.00
			500g	\$200.00

**Adenosine 5'-monophosphate monohydrate**• 5'-AMP·H<sub>2</sub>O Adenosine-5'-monophosphoric acid monohydrate 5'-Adenylic acid

[18422-05-4]	C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P·H <sub>2</sub> O	365.24	25g	\$39.50
NA30567			50g	\$66.00
			100g	\$105.00



## Adenosine 3'-monophosphate sodium salt

[4958-39-8]

NA10682

50mg	\$63.00
100mg	\$105.00
250mg	\$157.50



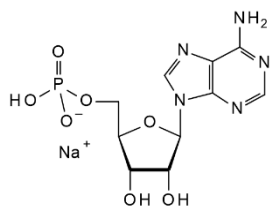
## Adenosine 5'-monophosphate sodium salt

[13474-03-8][149022-20-8]

C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>7</sub>P·Na 369.2

NA10369

50g	\$75.00
100g	\$120.00
250g	\$220.00



## Adenosine 5'-monophosphate sodium salt [1',2',3',4',5'-13C5]

NA57597

10mg \$1800.00



## Adenosine 5'-monophosphate [U-13C10,U-15N5]

NA31536

Price On Application



## Adenosine-2'-monophosphate

• Adenosine 2'-monophosphoric acid

[81012-86-4] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>7</sub>P 347.22

NA57349

25mg	\$90.00
50mg	\$150.00
100mg	\$250.00



## Adenosine-3'-monophosphate

• 3'-AMP  
• 3'-Adenylic acid[84-21-9] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>7</sub>P 347.22

NA66252

100mg	\$95.00
250mg	\$150.00
500mg	\$250.00

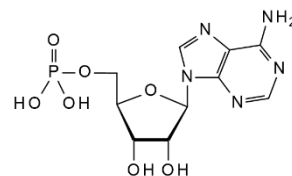


## Adenosine 5'-monophosphate

[61-19-8] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>7</sub>P 347.22

NA06318

100g	\$55.00
250g	\$115.00
500g	\$195.00



## L-Adenosine 5'-monophosphate

NA10801

Price On Application



## Adenosine 2'-monophosphoric acid

see Adenosine-2'-monophosphate, NA57349 on page 25

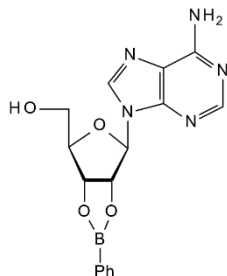
## Adenosinephe

## Adenosine 2',3'-O-phenylboronate

[4710-68-3] C<sub>16</sub>H<sub>16</sub>BN<sub>5</sub>O<sub>4</sub> 353.14

NA07179

100mg	\$90.00
250mg	\$185.00
500mg	\$370.00



## Adenosine 3'-phosphate 5'-phosphosulfate lithium salt hydrate

see 3'-Phosphoadenosine-5'-phosphosulfate lithium salt hydrate, NP46144 on page 340

## Adenosine 2(3')-phosphate 5'-phosphosulfate lithium salt

see 2'-Phosphoadenosine 5'-phosphosulfate tetralithium salt (mixture with 3'-isomer), NP46146 on page 341

## Adenosine-5'-[(propargyl)]triphosphate sodium salt

C<sub>13</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 545.23

NA30542

Price On Application

Adenosine, 5'-(tetrahydrogen triphosphate), P<sup>3-</sup>-(1-(2-nitrophenyl)ethyl) ester, disodium salt

see P3-(1-(2-Nitrophenyl)ethyl) adenosine 5'-triphosphate disodium salt, NN63886 on page 336

## Adenosine 5'-O-(3-thiotriphosphate), BODIPY FL thioester sodium salt - 5mM buffered aqueous solution

• BODIPY FL ATP-gamma-S thioester

C<sub>24</sub>H<sub>27</sub>BF<sub>2</sub>N<sub>6</sub>Na<sub>3</sub>O<sub>13</sub>P<sub>3</sub>S 878.28

NA58152

1pack

\$795.00



## Adenosine-5'-O-(1-thiotriphosphate) lithium salt - 100 mM aqueous solution

• α-Thio-ATP

[35094-46-3] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub>S·4Li 551.01

NA58205

500ug	\$50.00
1mg	\$90.00
2mg	\$170.00

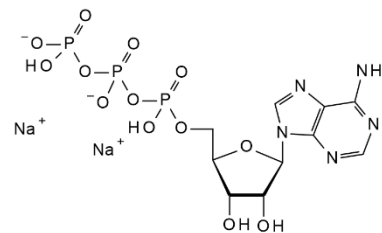


## Adenosine 5'-triphosphate disodium salt hydrate

[34369-07-8] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>13</sub>P<sub>3</sub> 551.14

NA00135

100g	\$65.00
250g	\$125.00
500g	\$225.00



Refs: Beilstein Beil. 26,IV, p3654

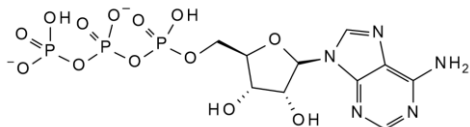
## Adenosine 5'-triphosphate magnesium salt

• ATP magnesium salt

[74804-12-9] C<sub>10</sub>H<sub>14</sub>MgN<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 529.47

NA44288

500mg	\$85.00
1g	\$120.00
2g	\$175.00

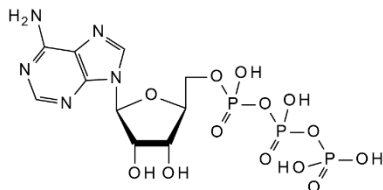
Mg<sup>2+</sup>

## L-Adenosine 5'-triphosphate sodium salt

C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>Na<sub>4</sub> 595.11

NA63217

Price On Application



## Adenosine 5'-triphosphate trisodium salt

[20978-32-9] C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>Na<sub>3</sub> 575.14

NA02978

Price On Application

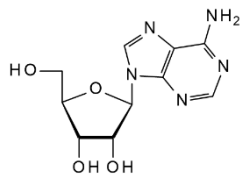


## Adenosine

[58-61-7] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.25

NA01639

250g	\$62.50
500g	\$100.00
1kg	\$175.00



Refs: Moser GH, Schrader J, Deussen A, Am. J. Physiol. 1989, 256, pC799

## Adenosine - Endotoxin level below 100 EU/g

[58-61-7] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA106350

100g	\$38.00
250g	\$85.00
500g	\$140.00



## Adenosine - Endotoxin level below 1000 EU/g

[58-61-7] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA31619

100g	\$50.00
250g	\$110.00
500g	\$195.00



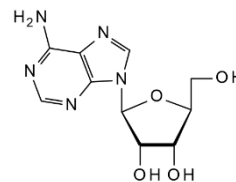
## L-Adenosine

• 9-(b-L-Ribofuranosyl)adenine

[3080-29-3] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA06227

50mg	\$95.00
100mg	\$175.00
250mg	\$325.00



Refs: Klusmann S, Nolte A, Bald R, et al, Nature Biotech. 1996, 14, 9, p1112



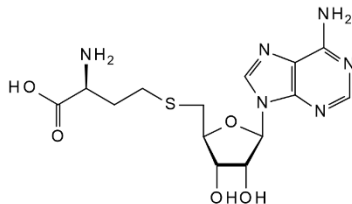
**Adenosylhomo****S-(5'-Adenosyl)-L-homocysteine dihydrate**

- S-(5'-Deoxyadenosin-5'-yl)-L-homocysteine
- L-5'-S-(3-Amino-3-carboxypropyl)-5'-thioadenosine
- Adenosyl-L-homocysteine

[979-92-0] C<sub>14</sub>H<sub>20</sub>N<sub>6</sub>O<sub>5</sub>S·2H<sub>2</sub>O 420.44

NA17223

10mg	\$75.00
25 mg	\$125.00
50 mg	\$210.00



Refs: Chamberlin, M. et al, J. Clin. Invest, 98, 1021

**Adenosyl-L-homocysteine**see *S-(5'-Adenosyl)-L-homocysteine dihydrate*, NA17223 on page 28**S-Adenosylmethione-1,4-butanedisulfonate**[101020-79-5] C<sub>42</sub>H<sub>74</sub>N<sub>12</sub>O<sub>28</sub>S<sub>8</sub> 1451.63

NA58198

2g	\$50.00
5g	\$90.00
10g	\$120.00

**S-(5'-Adenosyl)-L-methionine chloride dihydrochloride**

- SAM chloride dihydrochloride

[24346-00-7][86867-01-8] C<sub>15</sub>H<sub>23</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>5</sub>S·2HCl 507.82

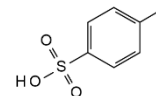
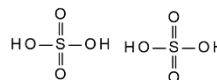
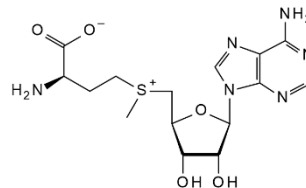
NA29499

25mg	\$75.00
50mg	\$140.00
100mg	\$225.00

**S-Adenosyl-L-methionine disulfate tosylate**[97540-22-2] C<sub>15</sub>H<sub>22</sub>N<sub>6</sub>O<sub>5</sub>S·C<sub>7</sub>H<sub>12</sub>O<sub>11</sub>S<sub>2</sub> 766.8

NA08266

100g	\$60.00
250g	\$145.00
500g	\$280.00



Refs: Yang J, et al, Clinical Therapeutics, 2009, 31, 2, p311

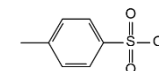
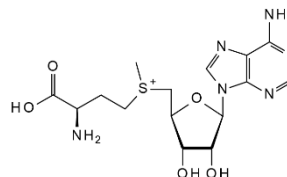
**S-Adenosyl-L-methionine p-toluenesulfonate**

- (3S)-5'-[(3-Amino-3-carboxylatopropyl)methylsulphonio]-5'-deoxyadenosine)
- SAMe p-toluenesulfonate
- S-Adenosylmethionine Tosylate

[86562-85-8][17176-17-9][71914-80-2] C<sub>15</sub>H<sub>22</sub>N<sub>6</sub>O<sub>5</sub>S·C<sub>7</sub>H<sub>7</sub>O<sub>3</sub>S 570.64

NA04017

10g	\$65.00
25g	\$125.00
50g	\$190.00



Refs: Chiang PK, Gordon RK, Tal J, et al, Faseb J. 1996, 10, 4, p471

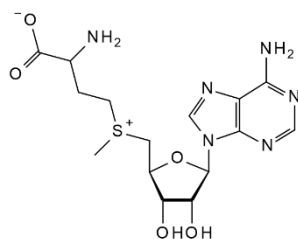
**S-Adenosylmethionine Tosylate**see *S-Adenosyl-L-methionine p-toluenesulfonate*, NA04017 on page 28



**S-Adenosyl-L-methionine**[29908-03-0] C<sub>15</sub>H<sub>22</sub>N<sub>6</sub>O<sub>5</sub>S 398.44

NA16291

250mg	\$55.00
500mg	\$85.00
1g	\$135.00

**P1-(5'-Adenosyl) P3-(5'-adenosyl) triphosphate sodium salt**

• AP3A

[5959-90-0] C<sub>20</sub>H<sub>27</sub>N<sub>10</sub>O<sub>16</sub>P<sub>3</sub> 756.41

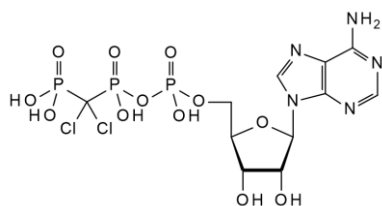
NA46695

1mg	\$375.00
2mg	\$550.00
5mg	\$1125.00

**5'-Adenylic acid monoanhydride with (dichlorophosphonomethyl)phosphonic acid**[81336-74-5] C<sub>11</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>12</sub>P<sub>3</sub> 574.1

NA10201

Price On Application

**3'-Adenylic acid**

see Adenosine-3'-monophosphate, NA66252 on page 25

**Adenylyl-3'-5'-adenosine ammonium salt**[2392-46-0][102029-96-9] C<sub>20</sub>H<sub>25</sub>N<sub>10</sub>O<sub>10</sub>P 596.45

NA05778

Price On Application

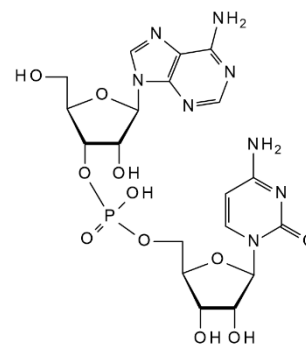


Refs: Tazawa I, Tazawa S, Stempel LM, Ts'O P, Biochemistry, 1970, 9,18, p3499

**Adenylyl-3'-5'-cytidine**[2382-66-3] C<sub>19</sub>H<sub>25</sub>N<sub>6</sub>O<sub>11</sub>P 572.42

NA07946

500ug	\$160.00
1mg	\$262.50
2mg	\$409.50



Refs: Kazuo T, Yukihide U, Yoichi I, Yukio M, , Nucleic Acids Res, 1978, 1, p403

**Adenylyl-3'-5'-guanosine ammonium salt**[3352-23-6][10202-53-8] C<sub>20</sub>H<sub>25</sub>N<sub>10</sub>O<sub>11</sub>P 612.45

NA46044

1mg	\$475.00
2mg	\$925.00
5mg	\$1625.00



**ADENYLYLGUAN****ADENYLYL-(3'-5')-GUANOSINE**[102029-53-8] C<sub>20</sub>H<sub>25</sub>N<sub>10</sub>O<sub>11</sub>P·H<sub>3</sub>N 629.48

NA143918

Price On Application

**Adenylyl-3'-5'-uridine ammonium salt**C<sub>19</sub>H<sub>24</sub>N<sub>7</sub>O<sub>12</sub>P 573.41

NA46045

1mg	\$475.00
2mg	\$925.00
5mg	\$1625.00

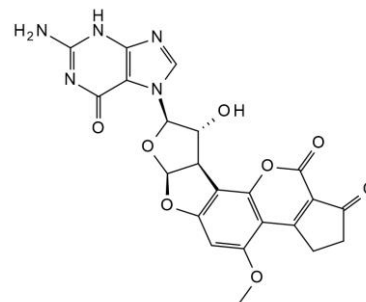
**ADP-cyclo[N1:1'']-ribose**see *Cyclic adenosine 5'-diphosphate ribose ammonium salt, NC11582 on page 156***ADP.K**see *Adenosine 5'-diphosphate potassium salt, NA10696 on page 23***ADP.3Li**see *Adenosine 5'-diphosphate trillithium salt, NA06911 on page 24***ADP magnesium salt**see *Adenosine 5'-diphosphate magnesium salt, NA44287 on page 23***5'-ADP·2Na·2H<sub>2</sub>O Adenosine-5'-diphosphoric acid disodium salt dihydrate**see *Adenosine 5'-diphosphate disodium salt, NA10195 on page 23***ADPR-pNP**see *Adenosine-5'-O-diphospho-(1''-(4-nitrophenoxy)-ribose), NA63574 on page 24***ADPRP**see *Adenosine-5'-O-diphosphoribose phosphate, NA63573 on page 24***5'-ADP**see *Adenosine 5'-diphosphate, NA10698 on page 24***8-AEA-cAMP**see *8-(2-Aminoethyl)aminoadenosine 3',5'-cyclic monophosphate, NA09017 on page 53***AFB-guanine**

• (6aS,8R,9R,9aR)-8-(2-Amino-1,6-dihydro-6-oxo-7H-purin-7-yl)-2,3,6a,8,9,9a-hexahydro-9-hydroxy-4-methoxy-cyclopenta[c]furo[3',2':4,5]furo[2,3-h][1]benzopyran-1,11-dione

[63425-04-7] C<sub>22</sub>H<sub>17</sub>N<sub>5</sub>O<sub>8</sub> 479.4

NA17231

1mg	\$1754.90
2mg	\$3190.70
5mg	\$5801.30



Refs: Alvarez, M, et al, Nat. Tox, 7, 139 (1999); Ross, M, et al, Tox. Sci, 53, 224 (2000); Sotomayor, R, et al, Toxicol. Sci, 73, 329 (2003)

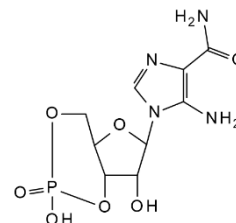
**AICAR 3',5'-cyclic phosphate**

- 5-Aminoimidazole-4-carboxamide-1-β-D-ribofuranosyl 3':5'-cyclic-monophosphate
- 5-Amino-1-(3,5-O-phosphinico-β-D-ribofuranosyl)-1H-imidazole-4-carboxamide
- NSC 371796

[35908-14-6] C<sub>8</sub>H<sub>13</sub>N<sub>4</sub>O<sub>7</sub>P 320.2

NA16501

2mg	\$110.00
5mg	\$225.00
10mg	\$390.00



Refs: Fujii, T, et al, Chem. Pharm. Bull, 19, 1368 (1971); Montgomery, J.A, et al, J. Med. Chem, 15, 182 (1972)

**AICAR monophosphate**see *5-Aminoimidazole-4-carboxamide-1-β-D-ribofuranose 5'-monophosphate, NA07204 on page 56***AICAR Triphosphate**see *5-Aminoimidazole-4-carboxamide-1-β-D-ribofuranosyl 5'-triphosphate, NA01454 on page 57*

## AICAR

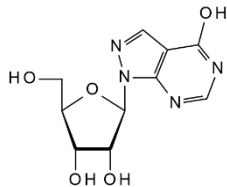
see 5-Aminoimidazole-4-carboxamide-1- $\beta$ -D-ribofuranose, NA03552 on page 56

## Allopurinol riboside

• 1- $\beta$ -D-Ribofuranosyl-1H-pyrazolo[3,4-d]pyrimidine-4-one[16220-07-8] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 268.23

NA07960

25mg	\$125.00
50mg	\$225.00
100mg	\$400.00



Refs: Nishida Y, Kamatani N, Tanimoto K, Akaoka I, Inflammation Research 1979, 9, 5-6, p549

## Alloxan tetrahydrate

• Mesoxalylurea

• 5,6-Dioxyuracil; 2,4,5,6-Tetraoxypyrimidine

[6010-91-9] C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>O<sub>8</sub> 214.13

NA71089

10g	\$45.00
25g	\$100.00
50g	\$150.00

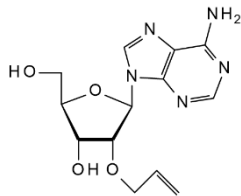


## 2'-O-Allyladenosine

C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 307.31

NA05071

5mg	\$63.00
10mg	\$115.50
25mg	\$210.00



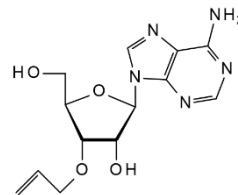
Refs: Rozners E, Curr. Org. Chem. 2006, 10, 6, p675

## 3'-O-Allyladenosine

C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 307.31

NA06237

5mg	\$63.00
10mg	\$115.50
25mg	\$210.00

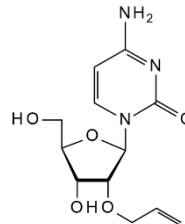


## 2'-O-Allylcytidine

C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 283.28

NA06245

5mg	\$75.00
10mg	\$90.00
25mg	\$150.00



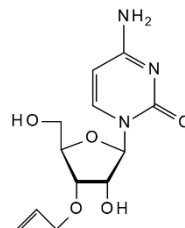
Refs: Flanagan WM, Su LL, Wagner RW, Nature Biotechnol. 1996, 14, 9, p1139

## 3'-O-Allylcytidine

C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 283.28

NA05280

5mg	\$63.00
10mg	\$105.00
25mg	\$210.00



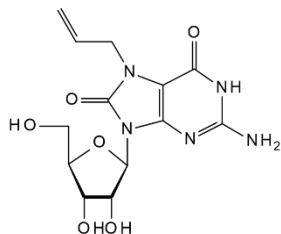
## Allyldihydro

## 7-Allyl-7,8-dihydro-8-oxoguanosine

- Loxoribine
- 7,8-Dihydro-8-oxo-7-(2-propenyl)guanosine

[121288-39-9] C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>6</sub> 339.3

NA07175	10mg	\$94.50
	25mg	\$189.00
	50mg	\$346.50

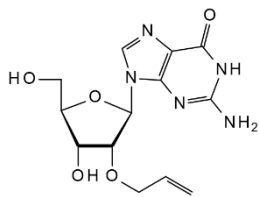


Refs: Come J, et.al, Tetrahydron Lett, 1991, 32, p4823; Reitz AB, et.al, J. Med Chem. 1994, 37, p3761

## 2'-O-Allylguanosine

C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 323.3

NA06238	5mg	\$73.50
	10mg	\$115.50
	25mg	\$189.00

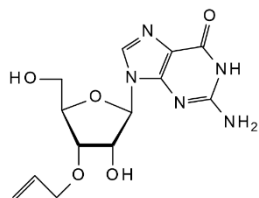


Refs: Grotti M, Douglas M, Beijer B, et al, Bioorg. Med. Chem. Lett. 1997, 7, 4, p425

## 3'-O-Allylguanosine

C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 323.3

NA06243	2mg	\$50.00
	5mg	\$90.00
	10mg	\$140.00

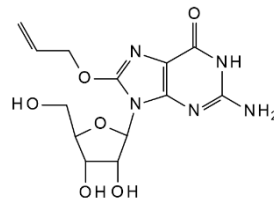


## 8-(Allyloxy)guanosine

- 8-(2-Propenylloxy)guanosine

[126138-81-6] C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>6</sub> 339.3

NA16502	10mg	\$60.00
	25mg	\$100.00
	50mg	\$160.00



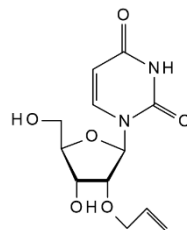
Refs: Reitz, A.B, et al, J. Med. Chem, 37, 3561 (1994)



## 2'-O-Allyluridine

C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 284.27

NA06678	5mg	\$63.00
	10mg	\$105.00
	25mg	\$210.00



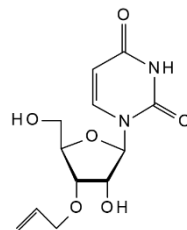
Refs: Rozners E, Curr. Org. Chem. 2006, 10, 6, p675



## 3'-O-Allyluridine

C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 284.27

NA06249	5mg	\$63.00
	10mg	\$105.00
	25mg	\$210.00



Refs: Toulmè JJ, Nucleic Acids Research, 1995, 23, p64



## Alovudine

see 3'-Deoxy-3'-fluorothymidine, ND02399 on page 202

## ALS-8176

• 4'-Chloromethyl-2'-deoxy-3',5'-di-O-isobutyryl-2'-fluorocytidine

NA63420

Price On Application



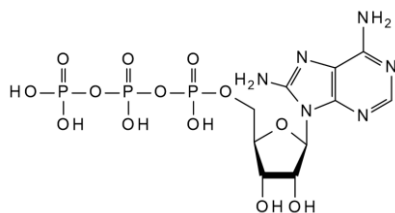
## 8-Aminoadenosine-5'-triphosphate lithium salt - 100mM aqueous solution

• 8-Amino-ATP

[35874-49-8 (free acid)] C<sub>10</sub>H<sub>17</sub>N<sub>6</sub>O<sub>13</sub>P<sub>3</sub> 522.2

NA32071

0.5mg	\$140.00
2.5mg	\$475.00
5mg	\$750.00

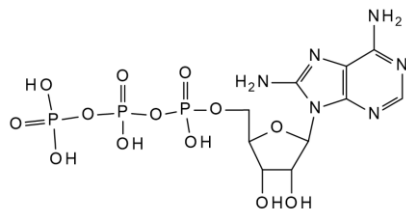


## 8-Aminoadenosine-5'-triphosphate sodium salt - 10mM aqueous solution

[35874-49-8] C<sub>10</sub>H<sub>17</sub>N<sub>6</sub>O<sub>13</sub>P<sub>3</sub> 522.2

NA12011

1mg	\$210.00
2mg	\$315.00
5mg	\$656.30



## 2'-Amino-D-adenosine

see 2'-Amino-2'-deoxyadenosine, NA02636 on page 45

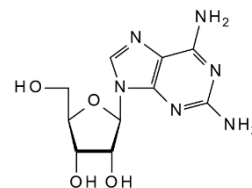
## 2-Aminoadenosine

• 2,6-Diaminopurine riboside

[2096-10-8] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>4</sub> 282.26

NA02915

25g	\$52.50
50g	\$89.50
100g	\$158.00



Refs: Lamm GM, Blencowe BJ, Sproat BS, et al. Nucleic Acids Res. 1991, 25, 19(12), p3193-3198

## 3'-Amino-D-adenosine

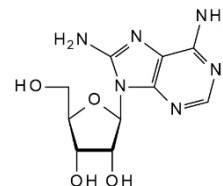
see 3'-Amino-3'-deoxyadenosine, NA03336 on page 45

## 8-Aminoadenosine

[3868-33-5] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>4</sub> 282.26

NA05711

50mg	\$92.00
100mg	\$158.00
250mg	\$342.50



Refs: Sasaki S, Minamoto K, Itoh H, J. Org. Chem. 1978, 43, 12, p2320

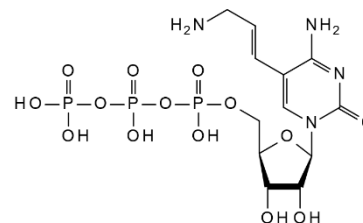
## 5-Aminoallylcytidine 5'-triphosphate lithium salt - 100mM aqueous solution

• 5-AA-CTP

C<sub>12</sub>H<sub>21</sub>N<sub>4</sub>O<sub>14</sub>P<sub>3</sub>·xLi 538.23 (free acid basis)

NA32073

0.5mg	\$125.00
2.5mg	\$475.00
5mg	\$800.00



## Aminoallylde

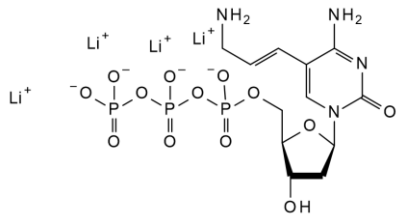
## 5-Aminoallyl 2'-deoxycytidine-5'-triphosphate lithium salt - 100mM aqueous solution

• 5-(3-Aminoallyl)-2'-deoxycytidine-5'-triphosphate, lithium salt

C<sub>12</sub>H<sub>17</sub>N<sub>4</sub>O<sub>13</sub>P<sub>3</sub>·4Li 545.97

NA32075

1mg	\$250.00
2.5mg	\$525.00
5mg	\$850.00



## 5-(3-Aminoallyl)-2'-deoxycytidine-5'-triphosphate, lithium salt

see 5-Aminoallyl 2'-deoxycytidine-5'-triphosphate lithium salt - 100mM aqueous solution, NA32075 on page 34

## 5-Aminoallyl-2'-deoxycytidine

NA02925

Price On Application

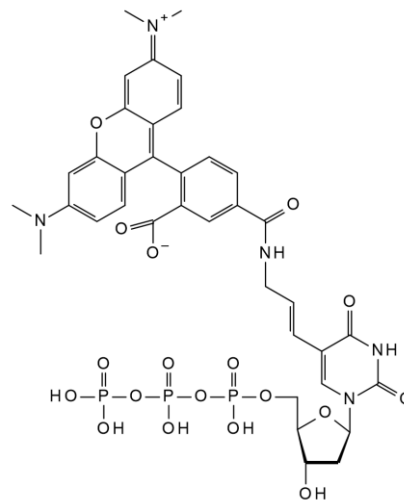


## 5-Aminoallyl- 2'-deoxyuridine 5'-triphosphate, labeled with 5/6-TAMRA - 1mM aqueous solution

[151345-35-6] C<sub>37</sub>H<sub>40</sub>N<sub>5</sub>O<sub>18</sub>P<sub>3</sub> 935.66 (free acid)

NT11637

Price On Application



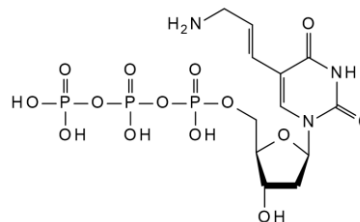
## 5-Aminoallyl 2'-deoxyuridine 5'-triphosphate lithium salt - 100mM aqueous solution

- 5-Aminoallyl-2'-deoxyuridine-5'-triphosphate
- 5-AA-dUTP.Li

[116840-18-7] C<sub>12</sub>H<sub>20</sub>N<sub>3</sub>O<sub>14</sub>P<sub>3</sub> 523.22

NA32074

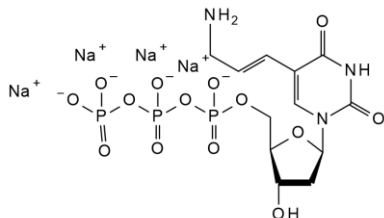
1mg	\$195.00
2.5mg	\$425.00
5mg	\$675.00



**5-Aminoallyl 2'-deoxyuridine 5'-triphosphate sodium salt - 100mM aqueous solution**

• 5-(3-Aminoallyl)-2'-deoxyuridine-5'-triphosphate sodium salt

[936327-10-5]	$C_{12}H_{20}N_5O_{14}P_3 \cdot xNa$	523.22 (free acid basis)	1mg	\$350.00
NA46883			2mg	\$530.00
			5mg	\$685.00

**5-(3-Aminoallyl)-2'-deoxyuridine-5'-triphosphate sodium salt**

see 5-Aminoallyl 2'-deoxyuridine 5'-triphosphate sodium salt - 100mM aqueous solution, NA46883 on page 35

**5-Aminoallyl-2'-deoxyuridine-5'-triphosphate**

see 5-Aminoallyl 2'-deoxyuridine 5'-triphosphate lithium salt - 100mM aqueous solution, NA32074 on page 34

**5-Aminoallyl-2'-deoxyuridine**[87980-17-4]  $C_{12}H_{18}N_4O_4$  282.3

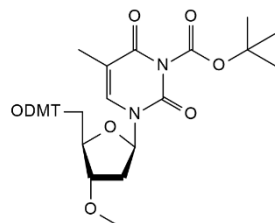
Price On Application

NA02924

**5-Aminoallyl uridine 5'-triphosphate sodium salt**

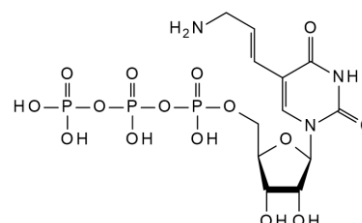
• 5-(3-Aminoallyl)-uridine-5'-triphosphate sodium salt

[112131-73-4]	$C_{12}H_{20}N_5O_{15}P_3 \cdot xNa$	539.22 (free acid basis)	1mg	\$250.00
NA46887			2mg	\$450.00
			5mg	\$700.00

**5-Aminoallyluridine 5'-triphosphate sodium salt - 100mM aqueous solution**

• 5-[3-Aminoallyl]-uridine-5'-triphosphate sodium salt

[112131-73-4]	$C_{12}H_{20}N_5O_{15}P_3 \cdot xNa$	539.22 (free acid basis)	0.5mg	\$125.00
NA32072			2.5mg	\$375.00
			5mg	\$550.00

**5-(3-Aminoallyl)-uridine-5'-triphosphate sodium salt**

see 5-Aminoallyl uridine 5'-triphosphate sodium salt, NA46887 on page 35

**5-[3-Aminoallyl]-uridine-5'-triphosphate sodium salt**

see 5-Aminoallyluridine 5'-triphosphate sodium salt - 100mM aqueous solution, NA32072 on page 35

**[(2R,3S,4R,5R)-4-Amino-2-[[[(2R,3S,4R,5R)-4-amino-5-(4-amino-2-oxo-pyrimidin-1-yl)-3-phosphonooxy-oxolan-2-yl]methoxymethyl]-5-(2-amino-6-oxo-3H-purin-9-yl)oxolan-3-yl]oxyphosphonic acid**

see 5'-Phosphoryl-(3'-amino-3'-deoxyguanylyl)-(3'-5')-3'-amino-3'-deoxycytidine, NP28800 on page 341

**5-[[[2-Amino-5-O-(aminocarbonyl)-2-deoxy-L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-allofuranuronic acid**

see Polyoxorim, NP157259 on page 342

**2-Amino-3'-amino-2',3'-dideoxyadenosine**

see 3'-Amino-2',3'-dideoxy-2,6-diaminopurine riboside, NA46160 on page 50

## Aminoaminodi

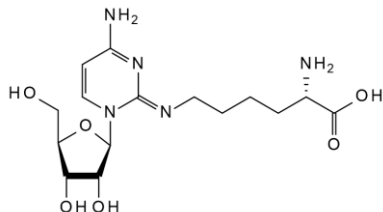
(2S)-2-Amino-6-((4-amino-1-[(2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-1,2-dihydropyrimidin-2-ylidene)amino)hexanoic acid

• Lysidine

[144796-96-3] C<sub>15</sub>H<sub>25</sub>N<sub>5</sub>O<sub>6</sub> 371.39

NA46541

5mg \$3512.00  
10mg \$4512.00

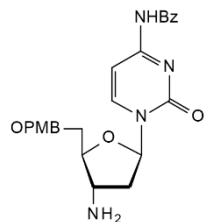


3'-Amino-5'-O-p-anisoyl-N4-benzoyl-2',3'-dideoxycytidine

C<sub>24</sub>H<sub>24</sub>N<sub>4</sub>O<sub>8</sub> 464.47

NA08999

Price On Application

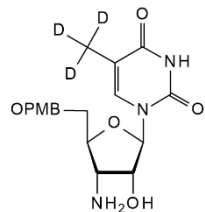


3'-Amino-5'-O-p-anisoyl-3'-deoxy-D3-thymidine

C<sub>18</sub>H<sub>18</sub>N<sub>3</sub>O<sub>7</sub>D<sub>3</sub> 394.39

NA09001

Price On Application

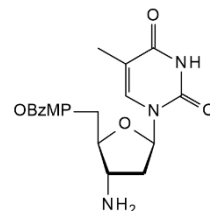


3'-Amino-5'-O-p-anisoyl-3'-deoxythymidine

C<sub>18</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub> 375.38

NA09000

Price On Application

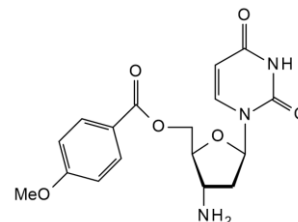


3'-Amino-5'-O-p-anisoyl-2',3'-dideoxyuridine

C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>O<sub>6</sub> 361.35

NA08210

Price On Application



4-Amino-1-(β-D-Arabinofuranosyl)-2(1H)pyrimidinone

see 1-(β-D-Arabinofuranosyl)cytosine, NA05771 on page 73

8-Amino-ATP

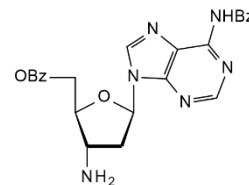
see 8-Aminoadenosine-5'-triphosphate lithium salt - 100mM aqueous solution, NA32071 on page 33

3'-Amino-N4-benzoyl-5'-O-benzoyl-2',3'-dideoxyadenosine

C<sub>24</sub>H<sub>22</sub>N<sub>6</sub>O<sub>4</sub> 458.47

NA09002

Price On Application

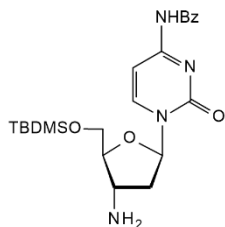




**3'-Amino-N4-benzoyl-5'-O-tert-butylidimethylsilyl-2',3'-dideoxycytidine**C<sub>22</sub>H<sub>32</sub>N<sub>4</sub>O<sub>4</sub>Si 444.6

NA09003

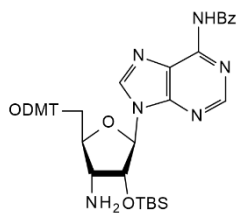
Price On Application

**3'-Amino-N6-benzoyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-3'-deoxyadenosine**C<sub>44</sub>H<sub>50</sub>N<sub>6</sub>O<sub>6</sub>Si 786.99

NA59527

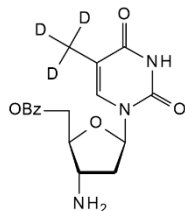
100mg

\$6000.00

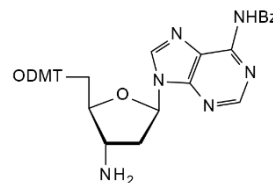
**3'-Amino-5'-O-benzoyl-3'-deoxy-D3-thymidine**C<sub>17</sub>H<sub>16</sub>N<sub>3</sub>O<sub>5</sub>D<sub>3</sub> 348.37

NA09007

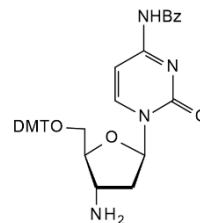
Price On Application

**3'-Amino-N6-benzoyl-2',3'-dideoxy-5'-O-DMT-adenosine**C<sub>38</sub>H<sub>38</sub>N<sub>6</sub>O<sub>5</sub> 656.73

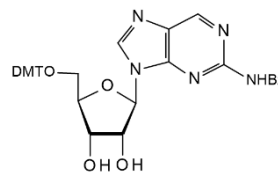
NA08316

50mg  
100mg  
250mg\$136.50  
\$263.00  
\$577.50**3'-Amino-N4-benzoyl-2',3'-dideoxy-5'-O-DMT-cytidine**C<sub>37</sub>H<sub>38</sub>N<sub>4</sub>O<sub>6</sub> 632.71

NA08780

10mg  
25mg  
50mg\$42.00  
\$73.50  
\$126.00**2-Amino-benzoyl-9-(5'-O-DMT-b-D-ribofuranosyl)purine**C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>7</sub> 673.71

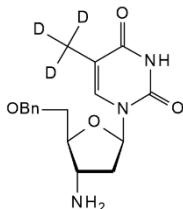
NB08321

50mg  
100mg  
250mg\$115.50  
\$210.00  
\$420.00

**Aminobenzylid****3'-Amino-5'-O-benzyl-3'-deoxy-D3-thymidine**C<sub>17</sub>H<sub>18</sub>N<sub>3</sub>O<sub>4</sub>D<sub>3</sub> 334.39

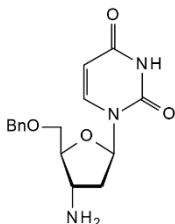
NA09009

Price On Application

**3'-Amino-5'-O-benzyl-2',3'-dideoxyuridine**C<sub>16</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub> 317.34

NA08215

Price On Application

**(1S,2S,3S,5S)-5-(2-Amino-6-(benzyloxy)-9H-purin-9-yl)-3-(benzyloxy)-2-(benzyloxymethyl)cyclopentanol**

• Entecavir Intermediate IV

[142217-77-4] C<sub>32</sub>H<sub>33</sub>N<sub>5</sub>O<sub>4</sub> 551.64

NA32025

500mg	\$60.00
1g	\$100.00
2g	\$160.00

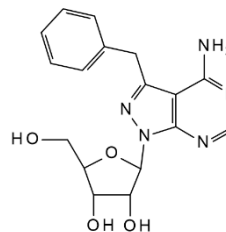
**2-Amino-6-(benzyloxy)-9-b-D-ribofuranosyl-purine**see *O6-Benzyl guanosine*, NB16621 on page 117**4-Amino-3-benzyl-1H-pyrazolo[3,4-d]pyrimidine 1-b-D-ribofuranose**

• 3-(Phenylmethyl)-1-b-D-ribofuranosyl-1H-pyrazolo[3,4-d]pyrimidin-4-amine

[476371-76-3] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>4</sub> 357.36

NA16507

1mg	\$965.20
2mg	\$1754.90
5mg	\$3190.70



Refs: Hunter, T, et al, Cell, 100, 113 (2000); Habelhah, H, et al, J. Biol. Chem, 276, 18090 (2001); Shah, K, et al, Chem. Biol, 9, 33 (2002)

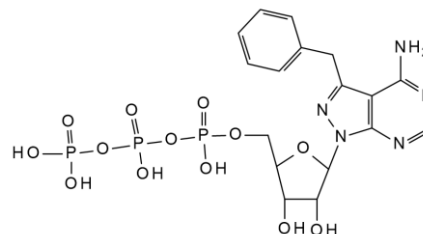
**4-Amino-3-benzyl-1H-pyrazolo[3,4-d]pyrimidine 1-b-D-ribofuranosyl 5'-triphosphate**

• 1-[5-O-[Hydroxy[[hydroxy(phosphonoxy)phosphinyl]oxy]phosphinyl]-b-D-ribofuranosyl]-3-(phenylmethyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine

[476371-80-9] C<sub>17</sub>H<sub>22</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 597.3

NA16508

1mg	\$965.20
2mg	\$1754.90
5mg	\$3190.70



Refs: Hunter, T, et al, Cell, 100, 113 (2000); Habelhah, H, et al, J. Biol. Chem, 276, 18090 (2001); Shah, K, et al, Chem. Biol, 9, 33 (2002)

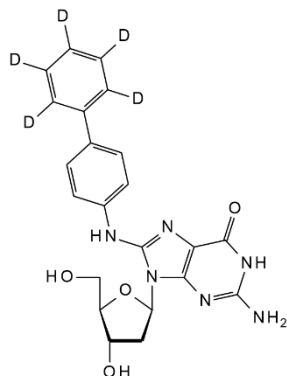
**8-(4-Amino-(2',3',4',5',6'-D5-biphenyl)-2'-deoxyguanosine**

• N-(2'-Deoxyguanosin-8-yl)-4-amino(biphenyl-2',3',4',5',6'-D5)

C<sub>22</sub>H<sub>17</sub>N<sub>6</sub>O<sub>4</sub>D<sub>5</sub> 439.48

NA04647

250ug	\$710.00
500ug	\$1200.00
1mg	\$2065.00

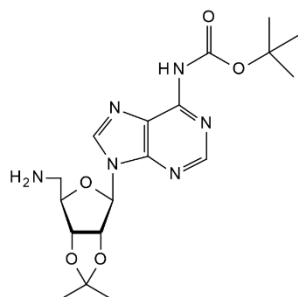


Refs: Beland, F.A, etal, Chem. Res. Toxicol. 1999 12, p68

**5'-Amino-N-Boc-5'-deoxy-2',3'-O-isopropylideneadenosine**

NA46262

1g \$4500.00

**2-Amino-5-boronopyrimidine**

see 2-Aminopyrimidine-5-boronic acid, NA57424 on page 61

**2-Amino-8-bromo-6-hydroxypurine riboside**

see 8-Bromoguanosine, NB06311 on page 127

**2-Amino-4-(4-bromophenyl)pyrimidine**

• 4-(4-Bromophenyl)pyrimidin-2-amine

[392326-81-7] C<sub>10</sub>H<sub>8</sub>BrN<sub>3</sub> 250.09

NA57404

250mg	\$77.50
500mg	\$125.00
1g	\$260.60

**2-Amino-8-bromopurine riboside**

see 2-Amino-8-bromo-9-(b-D-ribofuranosyl)purine, NA46036 on page 39

**6-Amino-8-bromopurine riboside**

see 8-Bromoadenosine, NB03414 on page 123

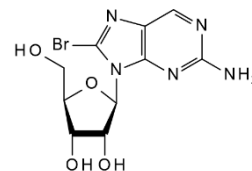
**2-Amino-8-bromo-9-(b-D-ribofuranosyl)purine**

• 2-Amino-8-bromopurine riboside

[3001-47-6] C<sub>10</sub>H<sub>12</sub>BrN<sub>5</sub>O<sub>4</sub> 346.14

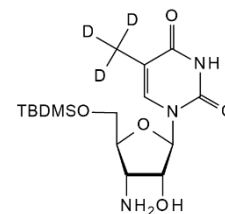
NA46036

500mg	\$850.00
1g	\$1150.00
2g	\$1700.00

**3'-Amino-5'-O-tert-butylidimethylsilyl-3'-deoxy-D3-thymidine**C<sub>16</sub>H<sub>26</sub>N<sub>3</sub>O<sub>5</sub>SiD<sub>3</sub> 374.52

NA09010

Price On Application



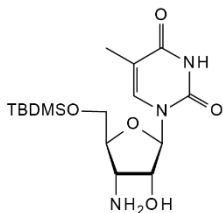
## Aminobutyldi

## 3'-Amino-5'-O-tert-butylidimethylsilyl-3'-deoxythymidine

C<sub>16</sub>H<sub>29</sub>N<sub>3</sub>O<sub>5</sub>Si 371.51

NA09004

Price On Application

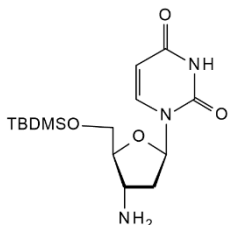


## 3'-Amino-5'-O-tert-butylidimethylsilyl-2',3'-dideoxyuridine

C<sub>15</sub>H<sub>27</sub>N<sub>3</sub>O<sub>4</sub>Si 341.48

NA08216

Price On Application



## 3-(Aminocarbonyl)-1-[5-O-[hydroxy(phosphonoxy)phosphinyl]-b-D-ribofuranosyl]pyridinium inner salt P'5'-ester with 3-b-D-ribofuranosyl-3H-imidazo[2,1-i]purine

see *Nicotinamide 1,N6-ethenoadenine dinucleotide*, NN26196 on page 334

## 3-(Aminocarbonyl)-1-b-D-ribofuranosyl-pyridinium bromide

see *Nicotinamide riboside bromide*, NN31173 on page 334

## 3-(Aminocarbonyl)-1-a-D-ribofuranosyl-pyridinium chloride

see *b-Nicotinamide riboside chloride*, NN45059 on page 334

## (3S)-5'-[(3-Amino-3-carboxylatopropyl)methylsulphonio]-5'-deoxyadenosine

see *S-Adenosyl-L-methionine p-toluenesulfonate*, NA04017 on page 28

## L-5'-S-(3-Amino-3-carboxypropyl)-5'-thioadenosine

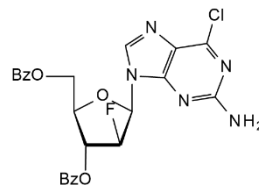
see *S-(5'-Adenosyl)-L-homocysteine dihydrate*, NA17223 on page 28

## 2-Amino-6-chloro-9-(2'-deoxy-3,5-di-O-benzoyl-2-fluoro-b-D-arabinofuranosyl)purine

[118373-61-8] C<sub>24</sub>H<sub>19</sub>ClFN<sub>5</sub>O<sub>5</sub> 511.89

NA31237

1g	\$367.50
2g	\$546.00
5g	\$1102.50

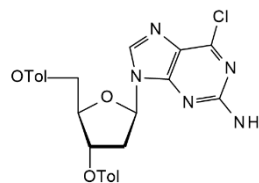


## 2-Amino-6-chloro-9-(2'-deoxy-3',5'-di-O-toluoyl-b-D-ribofuranosyl)purine

C<sub>26</sub>H<sub>24</sub>ClN<sub>5</sub>O<sub>5</sub> 521.95

NA09005

100mg	\$158.00
250mg	\$367.50
500mg	\$630.00



## 2-Amino-6-chloro-9-(2'-deoxy-b-D-erythro-pentofuranosyl)-9H-purine

see *2-Amino-6-chloro-9-(2'-deoxy-b-D-ribofuranosyl)purine*, NA02926 on page 41

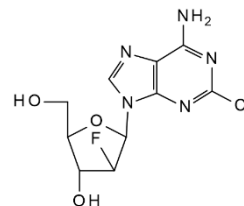
## 6-Amino-2-chloro-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine

- Clofarabine
- 2-Chloro-6-amino-purine-2'-fluoro-2'-deoxy arabinoside

[123318-82-1] C<sub>10</sub>H<sub>11</sub>ClFN<sub>5</sub>O<sub>3</sub> 303.68

NA07154

250mg	\$70.00
500mg	\$115.00
1g	\$210.00

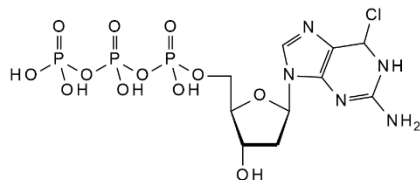


Refs: Gandhi V, et al, Clin. Cancer Res. 2003, 9, p6335; Kantarjian H, et al, Blood 2003, 102, p2379; Faderl S, et al, Cancer 2005, 105, p1985

**2-Amino-6-chloro-9-(2'-deoxy-b-D-ribofuranosyl)purine-5'-triphosphate**C<sub>10</sub>H<sub>17</sub>ClN<sub>5</sub>O<sub>12</sub>P<sub>3</sub> 527.64

NA09401

1ug	\$126.00
5ug	\$472.50
10ug	\$735.00

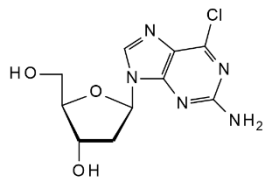
**2-Amino-6-chloro-9-(2'-deoxy-b-D-ribofuranosyl)purine**

• 2-Amino-6-chloro-9-(2-deoxy-b-D-erythro-pentofuranosyl)-9H-purine

[120595-72-4] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>3</sub> 285.69

NA02926

50mg	\$85.00
100mg	\$150.00
250mg	\$275.00



Refs: Okuyama K, Shibuya S, Hamamoto T, et al, Biosci. Biotechnol. Biochem. 2003, 67, p889

**4-Amino-5-chloro-2,6-dimethylpyrimidine**[2858-20-0] C<sub>6</sub>H<sub>8</sub>ClN<sub>3</sub> 157.6

NA67922

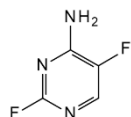
5g	\$47.50
10g	\$80.00
25g	\$160.00

**4-Amino-2-chloro-5-fluoropyrimidine**

[155-10-2]

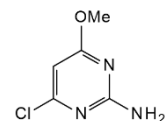
NA44305

Price On Application

**2-Amino-6-chloro-4-methoxypyrimidine**[5734-64-5] C<sub>5</sub>H<sub>6</sub>ClN<sub>2</sub>O 159.57

NA11514

10g	\$30.30
25g	\$48.50
50g	\$77.50

**2-Amino-6-chloro-7-methylpurine riboside**

see 2-Amino-6-chloro-7-methyl-9-(b-D-ribofuranosyl)purine, NA08965 on page 41

**2-Amino-4-chloro-6-methylpyridine**

[36340-61-1]

NA66773

100g	\$50.00
250g	\$90.00
500g	\$150.00

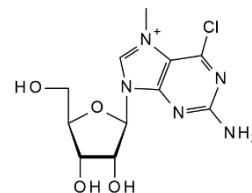
**2-Amino-6-chloro-7-methyl-9-(b-D-ribofuranosyl)purine**

• 2-Amino-6-chloro-7-methylpurine riboside

C<sub>11</sub>H<sub>16</sub>ClN<sub>5</sub>O<sub>4</sub> 317.73

NA08965

50mg	\$157.50
100mg	\$263.00
250mg	\$472.50

**2-Amino-4-chloro-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidine**[443642-40-8] C<sub>12</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>4</sub> 314.72

NA34901

Price On Application



**Amino chlorop****2-Amino-4-(4-chlorophenyl)pyrimidine**

• 4-(4-Chlorophenyl)pyrimidin-2-amine

[133256-51-6] C<sub>10</sub>H<sub>8</sub>ClN<sub>3</sub> 205.64

NA57403

25mg	\$50.00
50mg	\$80.00
100mg	\$128.00

**4-Amino-6-chloropyrimidine-5-carbaldehyde**

• 4-Amino-6-chloro-5-pyrimidinecarbaldehyde

[14160-93-1] C<sub>5</sub>H<sub>4</sub>ClN<sub>2</sub>O 157.56

NA57367

500mg	\$60.00
1g	\$116.80
2g	\$186.90

**2-Amino-6-chloropurine-9-b-D-ribose**

see 2-Amino-6-chloro-9-(b-D-ribofuranosyl)purine, NA04201 on page 43

**6-Amino-2-chloropurine riboside**

see 2-Chloroadenosine, NC06293 on page 140

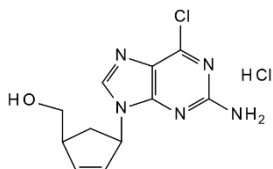
**(1S,4R)-4-(2-Amino-6-chloro-9H-purin-9-yl)-2-cyclopentene-1-methanol hydrochloride**

• (1S-cis)-4-(2-Amino-6-chloro-9H-purin-9-yl)-2-cyclopentene-1-methanol monohydrochloride

[172015-79-1] C<sub>11</sub>H<sub>13</sub>Cl<sub>2</sub>N<sub>5</sub>O 302.16

NA17659

100mg	\$55.00
250mg	\$110.00
500mg	\$175.00

**(1S-cis)-4-(2-Amino-6-chloro-9H-purin-9-yl)-2-cyclopentene-1-methanol monohydrochloride**

see (1S,4R)-4-(2-Amino-6-chloro-9H-purin-9-yl)-2-cyclopentene-1-methanol hydrochloride, NA17659 on page 42

**1-(6-Amino-2-chloro-9H-purin-9-yl)-1-deoxy-N-ethyl-2,3-O-(1-methylethylidene)-b-D-ribofuranuronamide**

see 2-Chloro-5'-N-ethylcarboxamide-2',3'-O-isopropylidene adenosine, NC16518 on page 145

**4-Amino-6-chloro-5-pyrimidinecarbaldehyde**

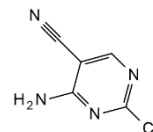
see 4-Amino-6-chloropyrimidine-5-carbaldehyde, NA57367 on page 42

**4-Amino-2-chloro-5-pyrimidinecarbonitrile**

[94741-69-2]

NA44321

Price On Application

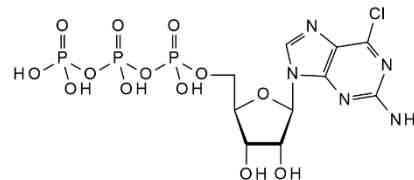
**4-Amino-6-chloro-1-b-D-ribofuranosylimidazo[4,5-c]pyridine**

see 2-Chloro-3-deazaadenosine, NC09808 on page 141

**2-Amino-6-chloro-(b-D-ribofuranosyl)purine-5'-triphosphate**C<sub>10</sub>H<sub>15</sub>ClN<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 541.63

NA09403

1ug	\$126.00
5ug	\$472.50
10ug	\$735.00

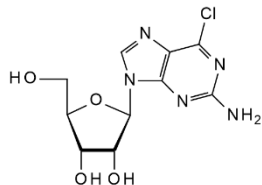


**2-Amino-6-chloro-9-(b-D-ribofuranosyl)purine**

- 6-Chloroguanine riboside
- 6-Chloroguanosine
- 2-Amino-6-chloropurine-9-b-D-ribose

[2004-07-1] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>4</sub> 301.69

NA04201	5g	\$70.00
	10g	\$105.00
	25g	\$175.00

**2-Amino-6-chloro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**

NA145604	1g	\$50.00
	2g	\$80.00
	5g	\$120.00

**6-Amino-2-chloro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**

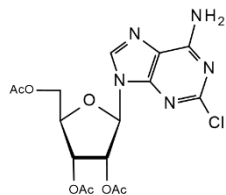
see 2',3',5'-Tri-O-acetyl-2-chloroadenosine, NT20146 on page 370

**6-Amino-2-chloro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**

- 2-Chloro-6-amino-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine

C<sub>18</sub>H<sub>18</sub>ClN<sub>5</sub>O<sub>7</sub> 427.8

NA05212	50mg	\$68.50
	100mg	\$116.00
	250mg	\$237.50

**4-Amino-5-cyano-7-(b-D-ribofuranosyl)pyrrolo[2,3-d]pyrimidine**

see Toyocamycin, NT44985 on page 369

**(1S,4R)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-carboxylic acid**

see Abacavir carboxylate, NA16897 on page 9

**(1S,4R)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanoldihydrogen phosphate (ester)**

see Abacavir 5'-phosphate, NA16495 on page 9

**(1R,4R)-rel-4-[2-amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol hydrochloride**

see trans-Abacavir hydrochloride, NA16496 on page 9

**(1R-cis)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol**

see ent-abacavir, NE16540 on page 267

**(1R,4S)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol**

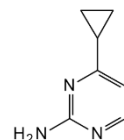
see ent-abacavir, NE16540 on page 267

**2-Amino-4-(cyclopropyl)pyrimidine**

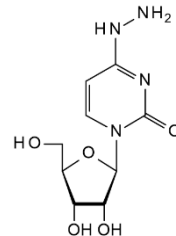
[21573-15-9]

NA44328

Price On Application

**N4-Aminocytidine**[57294-74-3] C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 258.23

NA07954	25mg	\$65.00
	50mg	\$95.00
	100mg	\$158.00



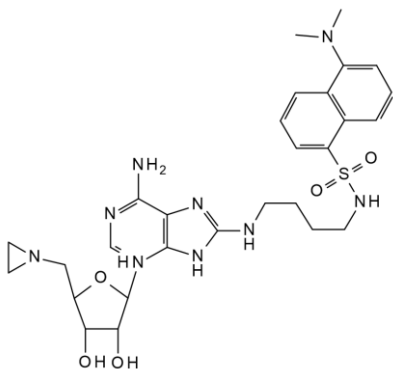
## Aminodansyla

## 8-Amino[1''-(N''-dansyl)-4''-aminobutyl]-5'-(1-aziridiny)-5'-deoxyadenosine

[256953-68-1] C<sub>28</sub>H<sub>37</sub>N<sub>9</sub>O<sub>5</sub>S 611.72

NA16503

1mg	\$181.70
2mg	\$330.40
5mg	\$600.60



Refs: Plijevaljic, G, et al, J.A.C.S., 125, 3486 (2003)



## 3'-Amino-ddATP.Li

see 3'-Amino-2',3'-dideoxyadenosine-5'-triphosphate lithium salt - 100 mM aqueous solution, NA71664 on page 50

## 3'-Amino-ddCTP.Li

see 3'-Amino-2',3'-dideoxycytidine-5'-triphosphate lithium salt - 100 mM aqueous solution, NA71665 on page 50

## 3'-Amino-ddGTP.Li

see 3'-Amino-2',3'-dideoxyguanosine-5'-triphosphate lithium salt - 100 mM aqueous solution, NA71666 on page 51

## 3'-Amino-ddTTP.xLi

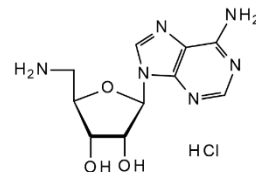
see 3'-Amino-2',3'-dideoxythymidine-5'-triphosphate lithium salt - 100 mM aqueous solution, NA71667 on page 52

## 5'-Amino-5'-deoxyadenosine hydrochloride

[14365-44-7] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>3</sub> 266.26

NA03337

1mg	\$120.00
2mg	\$188.00
5mg	\$375.00



Refs: Poon A, Sawynok J, Eur. J. Pharmacol. 1995, 286, p177; Langer et.al, Chem. Bio. Che, 2004, 5, p1508

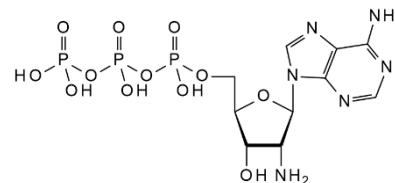


## 2'-Amino-2'-deoxyadenosine-5'-triphosphate

C<sub>10</sub>H<sub>17</sub>N<sub>6</sub>O<sub>12</sub>P<sub>3</sub> 506.2

NA09398

1ug	\$126.00
5ug	\$420.00
10ug	\$735.00



## 3'-O-Amino-2'-deoxyadenosine 5'-triphosphate

[1220515-87-6] C<sub>10</sub>H<sub>17</sub>N<sub>6</sub>O<sub>12</sub>P<sub>3</sub> 506.2

NA145313

Price On Application



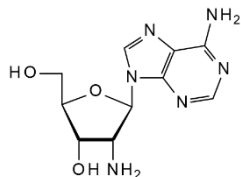


**2'-Amino-2'-deoxyadenosine**

- 2'-Amino-D-adenosine
- 2,6-Diaminopurine-2'-deoxyriboside

[10414-81-0] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>3</sub> 266.26

NA02636	50mg	\$75.00
	100mg	\$125.00
	250mg	\$185.00



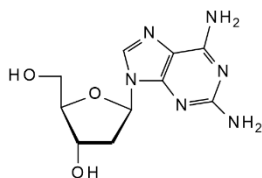
Refs: Muraoka M, Iida A, Takahashi S, et al, Nucleoside Nucleotides 1991; Bressi et.al, J. Med. Chem, 2001, 44, p2080

**2-Amino-2'-deoxyadenosine**

- 9-(2-Deoxy-b-D-ribofuranosyl)-2,6-Diaminopurine
- 2,6-Diaminopurine 2'-deoxyriboside

[4546-70-7] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>3</sub> 266.26

NA06287	5g	\$45.00
	10g	\$80.00
	25g	\$150.00



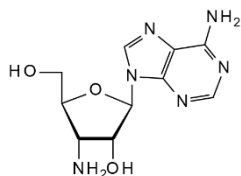
Refs: Shealy YF, O'Dell CA, Shannon WM, Arnett G, J. Med. Chem. 1984

**3'-Amino-3'-deoxyadenosine**

- 3'-Amino-D-adenosine
- 9-(3-Amino-3-deoxy-b-D-ribofuranosyl)-adenine

[2504-55-4] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>3</sub> 266.26

NA03336	1mg	\$95.00
	2mg	\$170.00
	5mg	\$350.00



Refs: Baker BR, Schaub RE, Kissman HM, J. Am. Chem. Soc. 1955, 20, p5911; Trumann & Klenow, Mol. Pharmacol, 1968, 4, p77

**3'-O-Amino-2'-deoxyadenosine**[132471-87-5] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>3</sub> 266.26

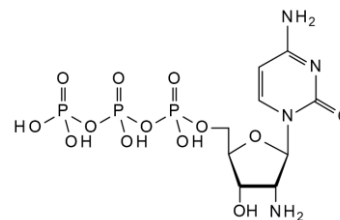
NA145312

Price On Application

**2'-Amino-2'-deoxycytidine-5'-triphosphate**C<sub>9</sub>H<sub>17</sub>N<sub>4</sub>O<sub>13</sub>P<sub>3</sub> 482.17

NA09399

1 ug	\$105.00
5ug	\$446.30
10ug	\$735.00

**3'-O-Amino-2'-deoxycytidine 5'-triphosphate**[1220515-75-2] C<sub>9</sub>H<sub>17</sub>N<sub>4</sub>O<sub>13</sub>P<sub>3</sub> 482.17

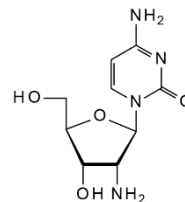
NA145310

Price On Application

**2'-Amino-2'-deoxycytidine**[26889-42-9] C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub> 242.24

NA02637

25mg	\$58.00
50mg	\$89.50
100mg	\$137.00

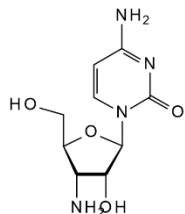


Refs: Lin TS, Zhang XH, Wang ZH, Prusoff WH, J. Med. Chem. 1988,31,p484

**Aminodeoxycy****3'-Amino-3'-deoxycytidine**[70580-89-1] C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub> 242.23

NA12252

1mg	\$115.00
2mg	\$190.00
5mg	\$350.00

**3'-O-Amino-2'-deoxycytidine**[103251-39-4] C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub> 242.23

NA145311

Price On Application

**2'-Amino-2'-deoxy-2,6-diaminopurine-D-riboside**

see 2,6-Diamino-9-(2'-amino-2'-deoxy-b-D-ribofuranosyl)purine, ND06322 on page 230

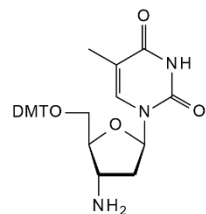
**4-Amino-1-(deoxy-2,2-difluoro-D-threo-pentofuranosyl)-2(1H)-pyrimidinone**

see 3'-Epi gemcitabine, NE22706 on page 268

**3'-Amino-3'-deoxy-5'-O-DMT-thymidine**C<sub>31</sub>H<sub>33</sub>N<sub>3</sub>O<sub>8</sub> 543.61

NA09011

25mg	\$68.50
50mg	\$100.00
100mg	\$158.00

**2-Amino-8-(2-deoxy-b-D-erythro-pentofuranosyl)-imidazo[1,2-a]-1,3,5-triazin-4(8H)-one**

see 2-Amino-8-(2-deoxy-b-D-ribofuranosyl)-imidazo[1,2-a]-1,3,5-triazin-4(8H)-one, NA145593 on page 48

**4-Amino-5-(2-deoxy-b-D-erythro-pentofuranosyl)-1-methyl-2(1H)-pyrimidinone**

see 4-Amino-5-(2-deoxy-b-D-ribofuranosyl)-1-methyl-2(1H)-pyrimidinone, NA145600 on page 48

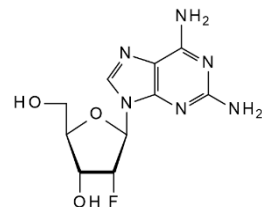
**2-Amino-2'-deoxy-2'-fluoroadenosine**

- 9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-2,6-diaminopurine
- 2'-Deoxy-2'-fluoro-diaminopurine riboside
- 2,6-Diamino-9-(2'-deoxy-2'-fluoro-b-D-ribofuranosyl)purine

[134444-47-6] C<sub>10</sub>H<sub>13</sub>FN<sub>6</sub>O<sub>3</sub> 284.25

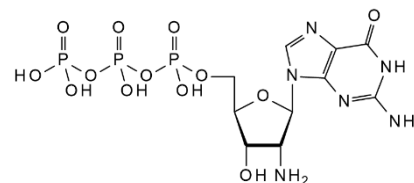
NA05649

50mg	\$65.00
100mg	\$100.00
250mg	\$162.50

**2'-Amino-2'-deoxyguanosine-5'-triphosphate tetralithium salt**C<sub>10</sub>H<sub>17</sub>N<sub>6</sub>O<sub>13</sub>P<sub>3</sub>Li<sub>4</sub> 549.96

NA09400

500ug	\$160.00
1mg	\$294.00
2.5mg	\$656.30



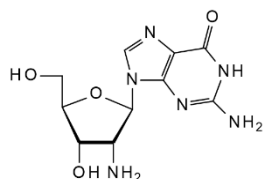
**2'-Amino-2'-deoxyguanosine**

• 9-(2-amino-2-deoxy-b-D-ribofuranosyl)-guanine

[60966-26-9] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>4</sub> 282.26

NA05235

50mg	\$60.00
100mg	\$99.00
250mg	\$102.50

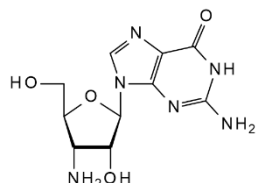


Refs: Stromberg R, Hahne S, Sjogren AS, et al, Biochem. Biophys. Res. Commun. 1992, 183, p842

**3'-Amino-3'-deoxyguanosine**[80015-76-5] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>4</sub> 282.3

NA03340

5mg	\$80.00
10mg	\$130.00
25mg	\$225.00

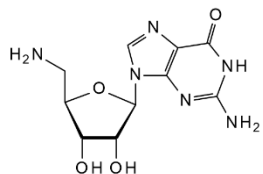


Refs: Zhang L, Cui Z, Zhang B, HELVETICA CHIMICA ACTA 2003, 86, 3, p703; Zielinski, Orgel, Nucl. Acids Res, 2006, 34, p614

**5'-Amino-5'-deoxyguanosine**[4099-84-7] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>4</sub> 282.26

NA16031

2mg	\$126.00
5mg	\$288.80
10mg	\$556.50

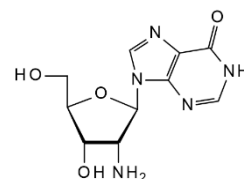
**2'-Amino-2'-deoxyinosine**

• 9-(2-Amino-2-deoxy-b-D-ribofuranosyl)-hypoxanthine

[75763-51-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA05779

100mg	\$84.00
500mg	\$185.00
1g	\$315.00



Refs: Banoub J, Boullanger P, Lafont D, Chem. Rev. 1992, Vol 92, p1167-1195

**4-Amino-1-[2-deoxy-3,5-bis-O-(4-methylbenzoyl)-β-D-erythro-pentofuranosyl]-1,3,5-triazin-2(1H)-one**

see 1-(2'-Deoxy-3',5'-di-O-toluoyl-b-D-ribofuranosyl)-4-amino-1,2-dihydro-2-oxo-1,3,5-triazine, ND04704 on page 180

**5'-Amino-5'-deoxy-2'-O-methyluridine**

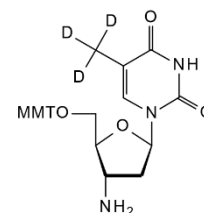
NA137609

Price On Application

**3'-Amino-3'-deoxy-5'-O-MMT-D3-thymidine**C<sub>30</sub>H<sub>28</sub>N<sub>3</sub>O<sub>5</sub>D<sub>3</sub> 516.62

NA09013

Price On Application

**4-Amino-7-[2-deoxy-5-O-[hydroxy[[hydroxy(phosphonoxy)phosphinyl]oxy]phosphinyl]-β-D-erythro-pentofuranosyl]-1,7-dihydro-2H-pyrrolo[2,3-d]pyrimidin-2-one**

see 2'-Deoxy-7-deazaisoguanosine triphosphate, ND139290 on page 177

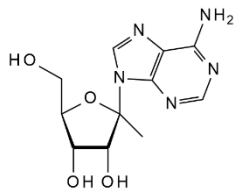
## Aminodeoxyps

## 6-Amino-9-(1-deoxy-b-D-psicofuranosyl)purine

[16848-12-7] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

NA31829

Price On Application



## 9-(2-amino-2-deoxy-b-D-ribofuranosyl)-guanine

see 2'-Amino-2'-deoxyguanosine, NA05235 on page 47

## 9-(3-Amino-3-deoxy-b-D-ribofuranosyl)-adenine

see 3'-Amino-3'-deoxyadenosine, NA03336 on page 45

## 9-(2-Amino-2-deoxy-b-D-ribofuranosyl)-2,6-diaminopurine

see 2,6-Diamino-9-(2'-amino-2'-deoxy-b-D-ribofuranosyl)purine, ND06322 on page 230

## 9-(2-Amino-2-deoxy-b-D-ribofuranosyl)-hypoxanthine

see 2'-Amino-2'-deoxyinosine, NA05779 on page 47

## 2-Amino-8-(2-deoxy-b-D-ribofuranosyl)-imidazo[1,2-a]-1,3,5-triazin-4(8H)-one

• 2-Amino-8-(2-deoxy-b-D-erythro-pentofuranosyl)-imidazo[1,2-a]-1,3,5-triazin-4(8H)-one

[110457-87-9] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA145593

50mg	\$300.00
100mg	\$495.00
250mg	\$1125.00



## 2-Amino-1-(2-deoxy-b-D-ribofuranosyl)-5-methyl-4(1H)-pyrimidinone

see 2'-Deoxy-5-methylisocytidine, ND144597 on page 216

## 4-Amino-5-(2-deoxy-b-D-ribofuranosyl)-1-methyl-2(1H)-pyrimidinone

• 4-Amino-5-(2-deoxy-b-D-erythro-pentofuranosyl)-1-methyl-2(1H)-pyrimidinone

[1166395-05-6] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 241.24

NA145600

50mg	\$250.00
100mg	\$450.00
250mg	\$1025.00

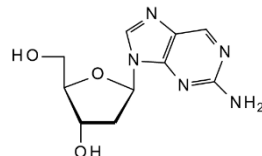


## 2-Amino-9-(2'-deoxy-b-D-ribofuranosyl)purine

[3616-24-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.24

NA02525

25mg	\$75.00
50mg	\$130.00
100mg	\$225.00



## 4-Amino-1-(2-deoxy-b-D-ribofuranosyl)-1,3,5-triazin-2(1H)-one

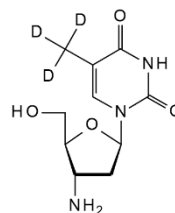
see 5-Aza-2'-deoxycytidine, NA02969 on page 78

## 3'-Amino-3'-deoxy-D3-thymidine

C<sub>10</sub>H<sub>12</sub>N<sub>3</sub>O<sub>4</sub>D<sub>3</sub> 244.27

NA09014

Price On Application



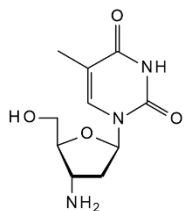
**3'-Amino-3'-deoxythymidine**

• 3'-Amino-D-thymidine

[52450-18-7] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 241.24

NA02831

500mg	\$40.00
1g	\$62.70
2g	\$96.40

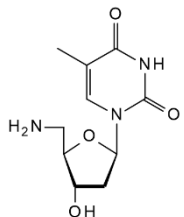


Refs: North TW, Cronn RC, Remington KM, et al, Antimicrob. Agents Chemother. 1990, 34, p1505; Qian M, et al, Biochem. Pharmacol. 1994, 48, p383; Diwan B, et al, Toxicol. Appl. Pharmacol. 1999, 161, p82; Lim S, et al, J. Biol. Chem. 2001, 276, p23616; Van Tungen L, et al, Carcinogenesis 2002, 23, p1427

**5'-Amino-5'-deoxythymidine**[25152-20-9] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 241.24

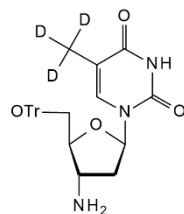
NA06395

25mg	\$72.50
50mg	\$125.00
100mg	\$210.00

**3'-Amino-3'-deoxy-5'-O-trityl-D3-thymidine**C<sub>29</sub>H<sub>26</sub>N<sub>3</sub>O<sub>4</sub>D<sub>3</sub> 486.58

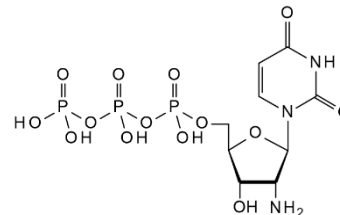
NA09016

Price On Application

**2'-Amino-2'-deoxyuridine-5'-triphosphate**C<sub>9</sub>H<sub>16</sub>N<sub>3</sub>O<sub>14</sub>P<sub>3</sub> 483.16

NA09402

1ug	\$105.00
5ug	\$420.00
10ug	\$735.00

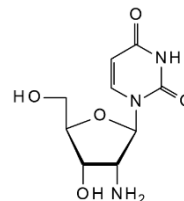
**2'-Amino-2'-deoxyuridine**

• 2'-Amino-2'-deoxyuridine

[26889-39-4] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 243.22

NA05270

250mg	\$80.00
500mg	\$135.00
1g	\$210.00

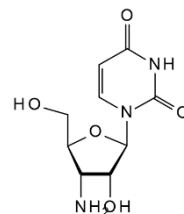


Refs: Imazawa M, Eckstein F, J. Org. Chem, 1979, 44, 12, p2039

**3'-Amino-3'-deoxyuridine**[70580-90-4] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 243.22

NA12253

Price On Application

**4-Amino-1-(3,5-di-O-benzoyl-2-deoxy-2,2-difluoro-α-D-erythro-pentofuranosyl)-2(1H)-pyrimidinone**

see 1'-Epi gemcitabine 3',5'-dibenzoate, NE16710 on page 268

**Aminodideoxy****3'-Amino-2',3'-dideoxyadenosine-5'-triphosphate lithium salt - 100 mM aqueous solution**

• 3'-Amino-ddATP.Li

C<sub>10</sub>H<sub>17</sub>N<sub>6</sub>O<sub>11</sub>P<sub>3</sub>·xLi 490.20 (free acid basis)

NA71664	500ug	\$300.00
	1mg	\$550.00
	2mg	\$1010.00

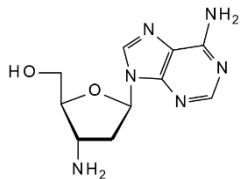
**3'-Amino-2',3'-dideoxyadenosine**

• 9-(3-Amino-2,3-dideoxy-b-D-erythro-pentafuranosyl)adenine

• 9-(3-Amino-2,3-dideoxy-1-D-ribofuranosyl) hypoxanthine

[7403-25-0] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>2</sub> 250.26

NA05223	500mg	\$55.00
	1g	\$100.00
	2g	\$170.00



Refs: Anderson CD, Lee WW, Goodman L, et al. J. Am. Chem. Soc. 1961, 83, p1900

**3'-Amino-2',3'-dideoxycytidine-5'-triphosphate lithium salt - 100 mM aqueous solution**

• 3'-Amino-ddCTP.Li

C<sub>9</sub>H<sub>17</sub>N<sub>4</sub>O<sub>12</sub>P<sub>3</sub>·xLi 466.17 (free acid basis)

NA71665	1mg	\$685.00
	2mg	\$1000.00
	5mg	\$2125.00

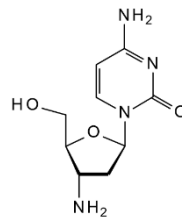
**3'-Amino-2',3'-dideoxycytidine**

• 3'-Amino-2',3'-dideoxycytidine

• 1-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)cytosine

[84472-90-2] C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub> 226.23

NA05183	50mg	\$50.00
	100mg	\$85.00
	250mg	\$125.00



Refs: Krenitsky TA, Freema GA, Shaver SR, Beacham LM, Hurkbert S, Cohn NK, Elwell LP, Selway JWT, J. Med. Chem. 1983, 26, p891

**3'-Amino-2',3'-dideoxy-2,6-diaminopurine riboside**

see 2,6-Diamino-9-(3'-amino-2',3'-dideoxy-b-D-ribofuranosyl)purine, ND05219 on page 230

**3'-Amino-2',3'-dideoxy-2,6-diaminopurine riboside**

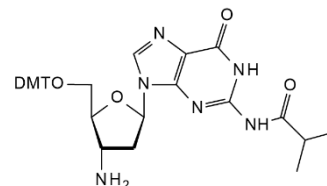
• 2-Amino-3'-amino-2',3'-dideoxyadenosine

[915399-37-0] C<sub>10</sub>H<sub>15</sub>N<sub>7</sub>O<sub>2</sub> 265.27

NA46160	50mg	\$65.00
	100mg	\$100.00
	250mg	\$170.00

**3'-Amino-2',3'-dideoxy-5'-O-DMT-N2-isobutrylguanosine**C<sub>35</sub>H<sub>38</sub>N<sub>6</sub>O<sub>6</sub> 638.71

NA08378	50mg	\$157.50
	100mg	\$263.00
	250mg	\$577.50

**9-(3-Amino-2,3-dideoxy-b-D-erythro-pentafuranosyl)adenine**

see 3'-Amino-2',3'-dideoxyadenosine, NA05223 on page 50

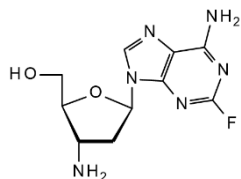
**3'-Amino-2',3'-dideoxy-2-fluoroadenosine**

• 9-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)-2-fluoroadenine

C<sub>10</sub>H<sub>13</sub>FN<sub>6</sub>O<sub>2</sub> 268.25

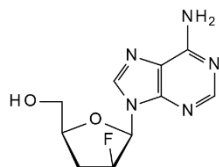
NA07912

50mg	\$58.00
100mg	\$105.00
250mg	\$210.00

**6-Amino-9-(2',3'-dideoxy-2'-fluoro-b-D-arabinofuranosyl)purine**• [(2S,4S,5R)-5-(6-Aminopurin-9-yl)-4-fluorooxolan-2-yl]methanol  
• Lodenosine[110143-10-7] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>2</sub> 253.24

NA05179

25mg	\$750.00
50mg	\$1000.00
100mg	\$1500.00

**5'-Amino-2',5'-dideoxy-2'-fluorouridine**

NA137611

Price On Application

**3'-Amino-2',3'-dideoxyguanosine-5'-triphosphate lithium salt - 100 mM aqueous solution**

• 3'-Amino-ddGTP.Li

C<sub>10</sub>H<sub>17</sub>N<sub>6</sub>O<sub>12</sub>P<sub>3</sub>·xLi 506.20 (free acid basis)

NA71666

500ug	\$325.00
1mg	\$550.00
2mg	\$1000.00

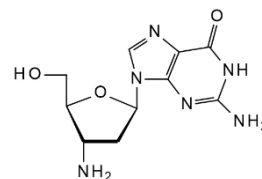
**3'-Amino-2',3'-dideoxyguanosine**

• 9-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)guanine

[66323-49-7] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>3</sub> 266.26

NA02832

250mg	\$50.00
500mg	\$85.00
1g	\$120.00



Refs: Herrlein MK, Konrad E, Helv. Chim. Acta 1994, 77, 2, p586

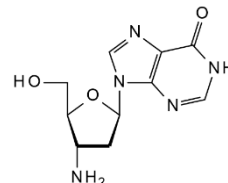
**3'-Amino-2',3'-dideoxyinosine**

• 9-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)-hypoxanthine

C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.24

NA03403

100mg	\$60.00
250mg	\$95.00
500mg	\$125.00

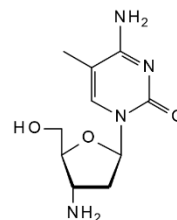


Refs: Krenitsky TA, Freema GA, Shaver SR, Beacham LM, Hurbert S, Cohn NK, Elwell LP, Selway JWT, J. Med. Chem. 1983, 26, p891

**3'-Amino-2',3'-dideoxy-5-methylcytidine**[87190-81-6] C<sub>10</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub> 240.26

NA05652

Price On Application



Refs: Matthes E, Reimer K, von Janta-Lipinski M, Meisel H and Lehmann C, Antimicrob Agents Chemother. 1991,35, p1254

**9-(3-Amino-2,3-dideoxy-1-D-ribofuranosyl) hypoxanthine**

see 3'-Amino-2',3'-dideoxyadenosine, NA05223 on page 50

## Aminodideoxy

## 1-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)cytosine

see 3'-Amino-2',3'-dideoxycytidine, NA05183 on page 50

## 9-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)-2,6-diaminopurine

see 2,6-Diamino-9-(3'-amino-2',3'-dideoxy-b-D-ribofuranosyl)purine, ND05219 on page 230

## 9-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)-2-fluoroadenine

see 3'-Amino-2',3'-dideoxy-2-fluoroadenosine, NA07912 on page 51

## 9-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)guanine

see 3'-Amino-2',3'-dideoxyguanosine, NA02832 on page 51

## 9-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)hypoxanthine

see 3'-Amino-2',3'-dideoxyinosine, NA03403 on page 51

## 3'-Amino-2',3'-dideoxythymidine-5'-triphosphate lithium salt - 100 mM aqueous solution

• 3'-Amino-ddTTP.xLi

C<sub>10</sub>H<sub>18</sub>N<sub>3</sub>O<sub>13</sub>P<sub>3</sub> 481.18

NA71667

500ug	\$175.00
1mg	\$325.00
2mg	\$610.00

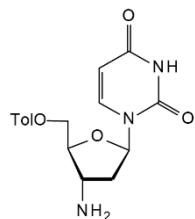


## 3'-Amino-2',3'-dideoxy-5'-O-toluyluridine

C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub> 345.35

NA08269

Price On Application



## 4-Amino-1-[3,3-difluoro-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]pyrimidin-2-one

see 2'-Deoxy-2',2'-difluorocytidine, ND04237 on page 178

## rel-2-Amino-1,9-dihydro-9-[(1R,4S)-4-(hydroxymethyl)-2-cyclopenten-1-yl]-6H-purin-6-one

see Carbovir, NC16517 on page 136

## 4-Amino-1-[(1R,4R,5S)-4,5-dihydroxy-3-(hydroxymethyl)-2-cyclopenten-1-yl]-2(1H)-pyrimidinone

see Cyclopentenyl cytosine, NC58281 on page 158

## 4-amino-1-[(1R,2S,3R,4R)-2,3-dihydroxy-4-(hydroxymethyl)cyclopentyl]pyrimidin-2-one

see Carbodine, NC15795 on page 136

## 4-Amino-2,6-dihydroxy-5-nitrosopyrimidine

• 4-Amino-2,6-dihydroxy-5-nitrosopyrimidine

[5442-24-0] C<sub>4</sub>H<sub>4</sub>N<sub>4</sub>O<sub>3</sub> 156.1

NA70257

1g	\$37.98
2g	\$60.76
5g	\$121.50

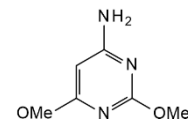


## 4-Amino-2,6-dimethoxypyrimidine

[3289-50-7] C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub> 155.15

NA11521

50g	\$60.00
100g	\$90.00
250g	\$160.00

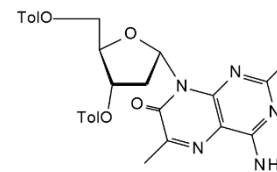


## 4-Amino-2,6-dimethyl-8-(2'-deoxy-3',5'-di-O-toluyl-a-D-ribofuranosyl)-7-pteridone

C<sub>29</sub>H<sub>29</sub>N<sub>5</sub>O<sub>6</sub> 543.57

NA07206

500ug	\$105.00
1mg	\$189.00
2mg	\$315.00

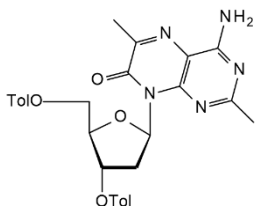




**4-Amino-2,6-dimethyl-8-(2'-deoxy-3',5'-di-O-toluoyl-b-D-ribofuranosyl)-7-pteridone**C<sub>29</sub>H<sub>29</sub>N<sub>5</sub>O<sub>6</sub> 543.57

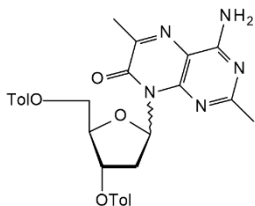
NA07207

500ug	\$105.00
1mg	\$189.00
2mg	\$315.00

**4-Amino-2,6-dimethyl-8-(2'-deoxy-3',5'-di-O-toluoyl-D-ribofuranosyl)-7-pteridone**C<sub>29</sub>H<sub>29</sub>N<sub>5</sub>O<sub>6</sub> 543.57

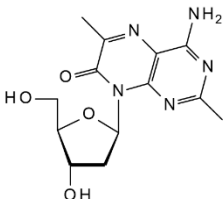
NA07205

1mg	\$147.00
2mg	\$262.50
5mg	\$504.00

**4-Amino-2,6-dimethyl-8-(2'-deoxy-b-D-ribofuranosyl)-7-pteridone**[195442-56-9] C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 307.31

NA06698

1mg	\$89.30
5mg	\$262.50
10mg	\$420.00



Refs: Hawkins ME, et al, Anal. Biochem. 2001, 298, p231

**N-(2-Amino-3,8-dimethylimidazo[4,5-f]quinoxalin-5-yl)-2'-deoxyguanosine**

see N-(2-Amino-3,8-dimethylimidazo[4,5-f]quinoxalin-5-yl)-2'-deoxyguanosine, NA16594 on page 53

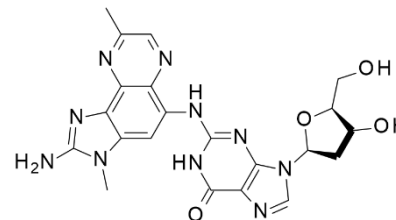
**N-(2-Amino-3,8-dimethylimidazo[4,5-f]quinoxalin-5-yl)-2'-deoxyguanosine**

- N-(2-Amino-3,8-dimethyl-3H-imidazo[4,5-f]quinoxalin-5-yl)-2'-deoxyguanosine
- N2-MelQx-deoxyguanosine

[142038-30-0] C<sub>21</sub>H<sub>22</sub>N<sub>10</sub>O<sub>4</sub> 478.46

NA16594

Price On Application

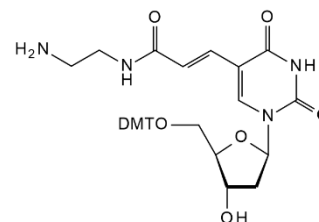


Refs: Farmer, P, et al, Arch. Toxicol, 60, 251 (1987); Chou, H, et al, Cancer Res, 55, 525 (1995); Frantz, C, et al, Carcinogenesis, 16, 367 (1995)

**5-[N-(2-Aminoethyl)-3-E-acrylamido]-2'-deoxy-5'-O-DMT-uridine**C<sub>35</sub>H<sub>38</sub>N<sub>4</sub>O<sub>8</sub> 642.72

NA08231

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

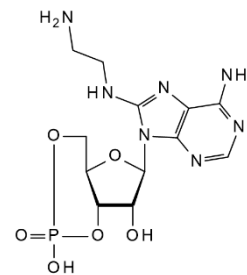
**8-(2-Aminoethyl)aminoadenosine 3',5'-cyclic monophosphate**

• 8-AEA-cAMP

[61363-29-9] C<sub>12</sub>H<sub>18</sub>N<sub>7</sub>O<sub>8</sub>P 387.29

NA09017

1mg	\$94.50
2mg	\$168.00
5mg	\$315.00



## AminoethylFA

## N6-(2-Aminoethyl)-FAD

see Riboflavin 5'-(trihydrogen diphosphate) P<sup>1</sup>→5'-ester with N-(2-Aminoethyl)adenosine, NR76131 on page 350

## 4-[2-[[6-Amino-9-[N-ethyl-2,3-O-(1-methylethylidene)-b-D-ribofuranuronamidoyl]-9H-purin-2-yl]amino]ethyl]benzenepropanoic acid 1,1-dimethylethyl ester

see 2-[[4-[2-(tert-Butoxycarbonyl)ethyl]phenylethyl]amino]2',3'-O-isopropylideneadenosine-5'-N-ethylcarboxamide, NB16642 on page 129

## 4-[2-[[6-Amino-9-(N-ethyl-b-D-ribofuranuronamidoyl)-9H-purin-2-yl]amino]ethyl]benzenepropanoic acid hydrochloride

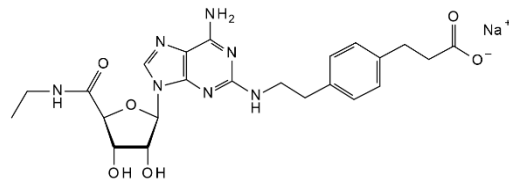
see 2-p-(2-Carboxyethyl)phenethylamino-5'-N-ethylcarboxamidoadenosine hydrochloride, NC16650 on page 137

## 4-[2-[[6-Amino-9-(N-ethyl-b-D-ribofuranuronamidoyl)-9H-purin-2-yl]amino]ethyl]benzenepropanoic acid monosodium salt

[120225-64-1] C<sub>23</sub>H<sub>28</sub>N<sub>7</sub>O<sub>6</sub>·Na 521.5

NA10419

5mg \$94.50  
10mg \$157.50  
25mg \$262.50



## 4-Amino-1-[(2R,3S,4R,5R)-3-fluoro-4-hydroxy-5-(hydroxymethyl)-oxolan-2-yl]pyrimidin-2-one.HCl

see 1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)cytosine HCl, ND08343 on page 193

## 4-Amino-5-fluoro-1-[(2S,5R)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone

see (+)-Emtricitabine, NE16704 on page 267

## 5-(4-Amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolane-2-carboxylic acid 5-methyl-2-(1-methylethyl)cyclohexyl ester

[147126-75-8] C<sub>18</sub>H<sub>26</sub>FN<sub>3</sub>O<sub>4</sub>S 399.48

NA32529

Price On Application



## 2-Amino-4-(4-fluorophenyl)pyrimidine

• 4-(4-Fluorophenyl)pyrimidin-2-amine

[85979-49-3] C<sub>10</sub>H<sub>8</sub>FN<sub>3</sub> 189.19

NA57405

250mg \$77.50  
500mg \$125.00  
1g \$255.60



## 6-Amino-2-fluoro-9-(b-D-ribofuranosyl)purine

see 2-Fluoroadenosine, NF08852 on page 276

## 4-Amino-5-fluoro-1-[(2S,5R)-tetrahydro-5-(hydroxymethyl)-2-furanyl]-2(1H)-pyrimidinone

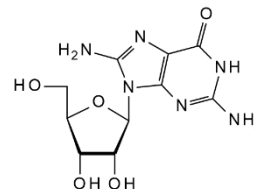
see b-L-2',3'-Dideoxy-5-fluorocytidine, ND157001 on page 242

## 8-Aminoguanosine

[3868-32-4] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>5</sub> 298.26

NA04479

100mg \$65.00  
250mg \$110.00  
500mg \$195.00



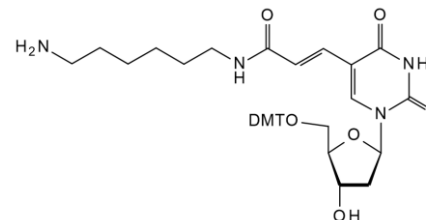
Refs: Kazmers IS, et al, Science 1981, 214, p1137; Chern J-W, et al, J. Med. Chem. 1993, 36, p214

## 5-[N-(6-Aminoethyl)-3-E-acrylamido]-2'-deoxy-5'-O-DMT-uridine

[252337-60-3] C<sub>39</sub>H<sub>46</sub>N<sub>4</sub>O<sub>8</sub> 698.82

NA08232

50mg \$89.50  
100mg \$168.00  
250mg \$395.00



**N6-[[6-Aminoethyl]carbamoylmethyl]adenosine 5'-triphosphate lithium salt**

[98704-19-9]

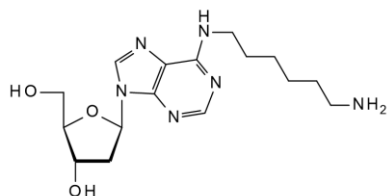
Price On Application

NA73270

**N6-(6-Aminoethyl)-2'-deoxyadenosine**[147218-60-8] C<sub>18</sub>H<sub>26</sub>N<sub>6</sub>O<sub>3</sub> 350.43

NA09018

25mg	\$100.00
50mg	\$173.50
100mg	\$310.00

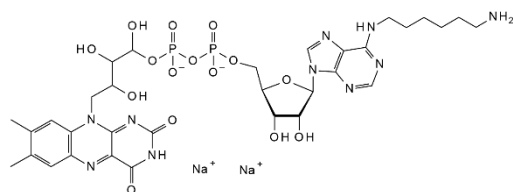
**Aminoethyl-FAD**see *N6-Aminoethyl-flavin adenine dinucleotide*, NA44465 on page 55**N6-Aminoethyl-flavin adenine dinucleotide**

• Aminoethyl-FAD

[76748-73-7] C<sub>32</sub>H<sub>42</sub>N<sub>10</sub>O<sub>15</sub>P<sub>2</sub>·2Na 914.66

Price On Application

NA44465

**4-Amino-1-((2R,3R,4R,5R)-3-hydroxy-5-(hydroxymethyl)-4-methoxytetrahydrofuran-2-yl)pyrimidin-2(1H)-one**

NA137508

Price On Application

**2-Amino-9-[4-hydroxy-3-(hydroxymethyl)-2-methylidene-cyclopentyl]-3H-purin-6-one**see *Entecavir hydrate*, NE10532 on page 267**N-[6-[[3-[4-Amino-7-[5-O-[hydroxy[[hydroxy(phosphonoxy)phosphinyl]oxy]phosphinyl]-b-D-ribofuranosyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-propynyl]amino]-6-oxohexyl]-3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-ar-carboxamide**see *Fluorescein alkynylamino-ATP - 1.0 mM solution*, NF16725 on page 275**4-Amino-6-hydroxy-2-mercapto-5-nitropyrimidine ammonium salt**

• 6-Amino-5-nitroso-2-thiouracil ammonium salt

[5451-33-2] C<sub>4</sub>H<sub>7</sub>N<sub>5</sub>O<sub>2</sub>S 189.2

NA70525

25mg	\$55.00
50mg	\$85.00
100mg	\$130.00

**4-Amino-1-((2S,4S)-2-(hydroxymethyl)-1,3-dioxolan-4-yl)pyrimidin-2(1H)-one**see *Troxacitabine*, NT29825 on page 378**4-Amino-1-[(2R,5R)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone**see *5'-Epi lamivudine*, NE22708 on page 269**4-Amino-1-[(2S,5R)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone**see *ent-Lamivudine*, NE22686 on page 268

## Aminohydroxy

## 4-Amino-1-[(2S,5S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone

see 2'-Epi-lamivudine, NE22731 on page 268

## (2R-trans)-4-Amino-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone

see 5'-Epi lamivudine, NE22708 on page 269

## (2S-cis)-4-Amino-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone

see ent-Lamivudine, NE22686 on page 268

## (2S-trans)-4-Amino-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone

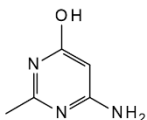
see 2'-Epi-lamivudine, NE22731 on page 268

## 4-Amino-6-hydroxy-2-methylpyrimidine

[767-16-8] 125.13

NA44281

5g	\$76.30
10g	\$122.00
25g	\$195.50



## 2-Amino-6-[(2-hydroxy-5-nitrobenzyl)thio]-9-(β-D-ribofuranosyl)purine

see S-(2-Hydroxy-5-nitrobenzyl)-6-thioguanosine, NH08019 on page 290

## 4-Amino-6-hydroxypyrazolo(3,4-D)pyrimidine

[5472-41-3] C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>O 151.13

NA65977

Price On Application

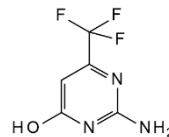


## 2-Amino-4-hydroxy-6-(trifluoromethyl)pyrimidine

[1513-69-5]

NA44301

Price On Application



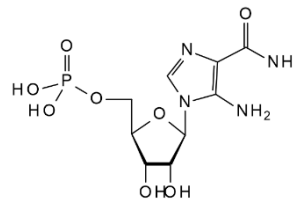
## 5-Aminoimidazole-4-carboxamide-1-β-D-ribofuranose 5'-monophosphate

• AICAR monophosphate

[3031-94-5] C<sub>9</sub>H<sub>15</sub>N<sub>4</sub>O<sub>8</sub>P 338.21

NA07204

5mg	\$63.00
10mg	\$94.50
25mg	\$184.00



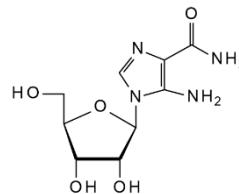
## 5-Aminoimidazole-4-carboxamide-1-β-D-ribofuranose

- Acadesine
- N1-(β-D-Ribofuranosyl)-5-aminoimidazole-4-carboxamide
- AICAR

[2627-69-2] C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 258.23

NA03552

250mg	\$50.00
500mg	\$80.00
1g	\$138.00



Refs: Mullane K, et al, Trends Cardiovasc. Med. 1993, 3, p227; Brown GJ, et al, J. Biol. Chem. 2004, 279, 13, p12220; Fediciu, et.al, Endocrinology, 2006, 147, p5170; Prasad, et.al, J. Neurosci. Res, 2006, 84, p614

## 5-Aminoimidazole-4-carboxamide-1-β-D-ribofuranosyl 3':5'-cyclic-monophosphate

see AICAR 3',5'-cyclic phosphate, NA16501 on page 30

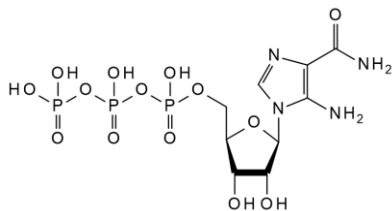
**5-Aminoimidazole-4-carboxamide-1-β-D-ribofuranosyl 5'-triphosphate**

• AICAR Triphosphate

[82989-82-0] C<sub>9</sub>H<sub>17</sub>N<sub>4</sub>O<sub>14</sub>P<sub>3</sub> 498.17

NA01454

Price On Application

**1-(6-Amino-2-iodo-9H-purin-9-yl)-1-deoxy-N-ethyl-2,3-O-(1-methylethylidene)-β-D-ribofuranuronamide**

see 5'-Ethylcarboxamido-2-iodo-2',3'-O-isopropylideneadenosine, NE03797 on page 271

**6-Amino-2-iodo-9-(β-D-ribofuranosyl)purine**

see 2-Iodoadenosine, NI04749 on page 293

**6-Amino-4-keto-2-methylmercaptopyrimidine**

see 2-Methylmercapto-4-oxo-6-aminopyrimidine monohydrate, NM70420 on page 320

**2-Amino-6-mercapto-7-methylpurine ribonucleoside**

see 7-Methyl-6-thioguanosine inner salt, NM06560 on page 325

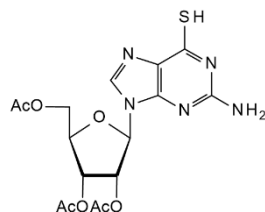
**2-Amino-6-mercapto-9-(β-D-ribofuranosyl)purine**

see 6-Thioguanosine, NT04480 on page 360

**2-Amino-6-mercapto-9-(2',3',5'-tri-O-acetyl-β-D-ribofuranosyl)purine**• 2-Amino-9-(2,3,5-tri-O-acetyl-β-D-ribofuranosyl)-6-thiopurine  
• 2',3',5'-Tri-O-acetyl-6-mercaptoguanosine[2946-36-3] C<sub>16</sub>H<sub>19</sub>N<sub>5</sub>O<sub>7</sub>S 425.42

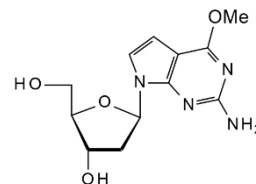
NA06751

500mg	\$155.00
1g	\$250.00
2g	\$350.00

**2-Amino-4-methoxy-7-(2-deoxy-β-D-ribofuranosyl)-pyrrolo[2,3-d]pyrimidine**[150206-15-8] C<sub>12</sub>H<sub>16</sub>N<sub>4</sub>O<sub>4</sub> 280.28

NA06393

25mg	\$95.00
50mg	\$160.00
100mg	\$250.00

**3-[a-Amino-p-methoxyhydrocinnamido]-3'-deoxy-N,N-dimethyladenosine dihydrochloride**

see Puromycin dihydrochloride, NP09203 on page 346

**4-Amino-1-[(2R,5S)-5-[[bis(4-methoxyphenyl)phenylmethoxy]methyl]tetrahydro-2-furanyl]-2(1H)-pyrimidinone**

see 2',3'-Dideoxy-5'-O-DMT-cytidine, ND08403 on page 241

**2-Amino-4-(4-methoxyphenyl)pyrimidine**

• 4-(4-Methoxyphenyl)pyrimidin-2-amine

[99844-02-7] 201.22

NA57406

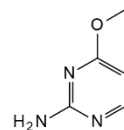
500mg	\$95.00
1g	\$225.60
2g	\$360.90

**2-Amino-4-methoxypyrimidine**

[155-90-8]

NA44306

Price On Application



## Aminomethoxy

## 4-Amino-2-methoxypyrimidine

• 2-Methoxy-pyrimidin-4-ylamine

[3289-47-2] 125.13

NA57396

1g	\$87.60
2g	\$197.70
5g	\$316.30

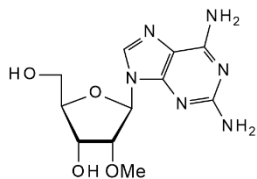


## 2-Amino-2'-O-methyladenosine

[80791-87-3] C<sub>11</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub> 296.28

NA06394

250mg	\$52.50
1g	\$157.50
2g	\$315.00

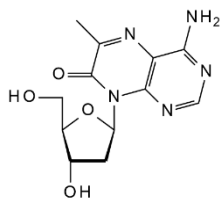


## 4-Amino-6-methyl-8-(2'-deoxy-b-D-ribofuranosyl)-7-pteridone

[195442-55-8] C<sub>12</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 293.28

NA04481

1mg	\$89.30
5mg	\$189.00
10mg	\$315.00



Refs: Hawkins ME, et al, Anal. Biochem. 2001, 298, p231



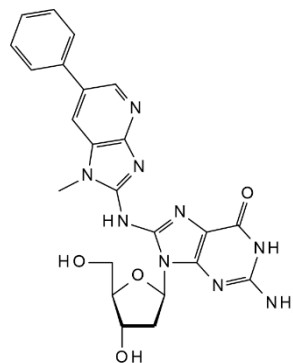
## 8-(2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridyl)-2'-deoxyguanosine

• N-(Deoxyguanosin-8-yl)-2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine

[142784-25-6] C<sub>23</sub>H<sub>23</sub>N<sub>9</sub>O<sub>4</sub> 489.49

NA04649

1mg	\$950.00
2mg	\$1750.00
5mg	\$3250.00



Refs: Frandsen, H, et al, Carcinogenesis 1992 13, 4, p629; Lin D, et al, Chem. Res. Toxicol. 1993 5 p691



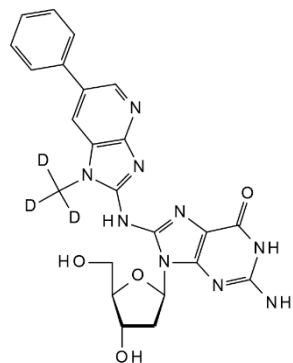
## 8-(2-Amino-1-methyl-D3-6-phenylimidazo[4,5-b]pyridyl)-2'-deoxyguanosine

• N-(Deoxyguanosin-8-yl)-2-amino-1-methyl-D3-6-phenylimidazo[4,5-b]pyridine

[303173-39-9] C<sub>23</sub>H<sub>20</sub>D<sub>3</sub>N<sub>9</sub>O<sub>4</sub> 492.5

NA05715

500ug \$4620.00



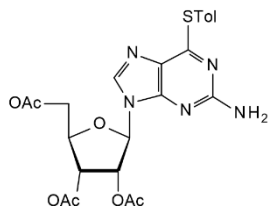
Refs: Frandsen H, et al, Carcinogenesis 1992, 13, 4, p629



**2-Amino-6-(4-methylphenyl)thio-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**[135041-23-5] C<sub>23</sub>H<sub>25</sub>N<sub>5</sub>O<sub>7</sub>S 515.54

NA10196

250mg	\$105.00
500mg	\$160.00
1g	\$262.50

**2-(Aminomethyl)pyrimidine oxalate**

• Pyrimidin-2-ylmethanamine oxalate

[866625-10-7] C<sub>5</sub>H<sub>7</sub>N<sub>3</sub>·C<sub>2</sub>H<sub>2</sub>O<sub>4</sub> 199.16

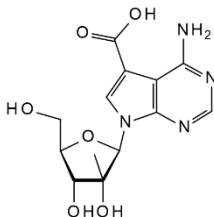
NA57383

50mg	\$81.00
100mg	\$130.00
250mg	\$162.50

**6-Amino-4-methyl-8-(b-D-ribofuranosyl)-4H,8H-pyrrolo[4,3,2-de]pyrimido[4,5-c]pyridazine 5'-monophosphate**see *Tricyclic nucleoside phosphate, NT44794 on page 375***6-Amino-4-methyl-8-(b-D-ribofuranosyl)-4H,8H-pyrrolo[4,3,2-de]pyrimido[4,5-c]pyridazine**see *Triciribine, NT08796 on page 375***4-Amino-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxylic acid**[443642-56-6] C<sub>13</sub>H<sub>16</sub>N<sub>4</sub>O<sub>6</sub> 324.29

NA14089

Price On Application

**6-Amino-1-methyluracil**

[2434-53-9]

NA03107

Price On Application



Refs: Yavolovskii A A, Ivanov E I, RUSSIAN JOURNAL OF GENERAL CHEMISTRY 2001, 71, p1828

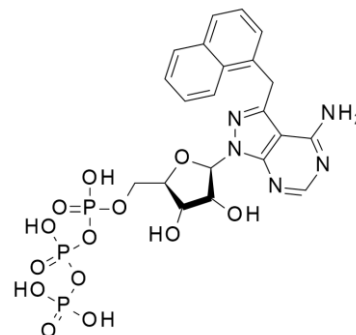
**4-Amino-3-(1-naphthylmethyl)-1H-pyrazolo[3,4-d]pyrimidine-1-(b-D-ribofuranosyl-5'-triphosphate)**

- 1-[5-O-[Hydroxy[[hydroxy(phosphonoxy)phosphinyl]oxy]phosphinyl]-b-D-ribofuranosyl]-3-(1-naphthalenylmethyl)-1H-pyrazolo[3,4-d]pyrimidine-4-amine
- 3-(1-NM)-PPTP

[476371-81-0] C<sub>21</sub>H<sub>24</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 647.36

NA16506

1mg	\$530.90
2mg	\$965.30
5mg	\$1755.00



Refs: Hunter, T, et al, Cell, 80, 225 (1995)

**2-Amino-6-[(4-nitrobenzyl)thio]-9-b-D-ribofuranosylpurine**see *S-(4-Nitrobenzyl)-6-thioguanosine, NN09411 on page 335***6-Amino-5-nitro-3-(2'-deoxy-b-D-ribofuranosyl)-2(1H)-pyridone**[642460-95-5] C<sub>10</sub>H<sub>13</sub>N<sub>3</sub>O<sub>6</sub> 271.23

NA145592

50mg	\$275.00
100mg	\$450.00
250mg	\$975.00



## Aminonitroso

## 6-Amino-5-nitroso-2-thiouracil ammonium salt

see 4-Amino-6-hydroxy-2-mercapto-5-nitrosopyrimidine ammonium salt, NA70525 on page 55

## (E)-((2R,3R,5R)-5-(4-Amino-2-oxypyrimidin-1(2H)-yl)-4,4-difluoro-3-hydroxytetrahydrofuran-2-yl)methyl octadec-9-enoate

see Gemcitabine 5'-elaidate, NC05399 on page 281

## cis-5-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolane-2-carboxylic acid

see rac-Lamivudine acid, NL27534 on page 301

## (2R-cis)-5-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolane-2-carboxylic acid

see Lamivudine acid, NL34824 on page 301

## P-[[[(2R,5S)-5-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl] ester diphosphoric acid ammonium salt

see Lamivudine 5'-diphosphate ammonium salt, NL24830 on page 301

## 2-Aminoperimidine hydrochloride

[29416-86-2] C<sub>11</sub>H<sub>10</sub>ClN<sub>3</sub> 219.67

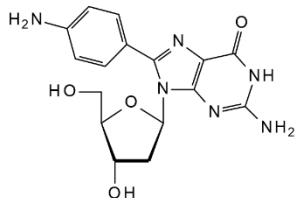
NA68095	1g	\$40.00
	2g	\$76.00
	5g	\$180.00



## 8-(4-Aminophenyl)-2'-deoxyguanosine

C<sub>16</sub>H<sub>18</sub>N<sub>6</sub>O<sub>4</sub> 358.35

NA04648	25mg	\$1500.00
	50mg	\$2400.00
	100mg	\$3120.00



## N6-2-(4-Aminophenyl)ethyladenosine

• Apnea

[89705-21-5]

NA72432

Price On Application



## 5'-(4-Aminophenylphosphoryl)uridine-2'(3')-phosphate

NA106323

Price On Application



## 2-Amino-4-phenylpyrimidine

• 4-Phenyl-2-pyrimidinamine

[2305-87-5] 171.2

NA57402	2g	\$82.00
	5g	\$213.90
	10g	\$342.20



## 2-Amino-4-phenyl-6-(trifluoromethyl)pyrimidine

• 4-phenyl-6-(trifluoromethyl)-2-Pyrimidinamine

[26974-09-4] C<sub>11</sub>H<sub>8</sub>F<sub>3</sub>N<sub>3</sub> 239.2

NA57415	500mg	\$75.00
	1g	\$134.80
	2g	\$215.70



## 5-Amino-1-(3,5-O-phosphinico-b-D-ribofuranosyl)-1H-imidazole-4-carboxamide

see AICAR 3',5'-cyclic phosphate, NA16501 on page 30



**4-Amino-1-[(2R,5S)-2-[(phosphonoxy)methyl]-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone ammonium salt**see *Lamivudine 5'-monophosphate ammonium salt, NL24831 on page 302***4-Amino-1-[(2R,5S)-2-[(phosphonoxy)methyl]-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone sodium salt**see *Lamivudine 5'-monophosphate sodium salt, NL28880 on page 302***6-Aminopurine-2'-fluoro-2'-deoxyarabinfuranoside**see *9-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)adenine, ND09204 on page 192***2-Aminopurine riboside**see *2-Amino-9-(b-D-ribofuranosyl)purine, NA04488 on page 62***1-(6-Amino-9H-purin-9-yl)-1-deoxy-N-ethyl-b-D-ribofuranuronamide**see *5'-Ethylcarboxamidoadenosine, NE06155 on page 270***[(2S,5R)-5-(6-Amino-9H-purin-9-yl)-2,5-dihydrofuran-2-yl]methanol**see *2',3'-Dideoxy-2',3'-dideoxyadenosine, ND05186 on page 241***1-[2-(6-Aminopurin-9-yl)-3,4-dihydroxy-5-(hydroxymethyl)pyrrolidin-1-yl]ethanone**

• 4'-Acetamido-4'-deoxyadenosine

[14062-45-4] C<sub>12</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub> 308.29

NA71841

Price On Application

**[(2S,4S,5R)-5-(6-Aminopurin-9-yl)-4-fluorooxolan-2-yl]methanol**see *6-Amino-9-(2',3'-dideoxy-2'-fluoro-b-D-arabinofuranosyl)purine, NA05179 on page 51***[(2S,5R)-5-(6-Amino-9H-purin-9-yl)tetrahydro-2-furanyl]methyl dihydrogen phosphate**see *2',3'-Dideoxyadenosine-5'-monophosphate, ND30902 on page 239***2-Aminopyrimidine-5-boronic acid**

• 2-Amino-5-boropyrimidine

[936250-22-5] C<sub>4</sub>H<sub>6</sub>BN<sub>3</sub>O<sub>2</sub> 138.92

NA57424

250mg	\$85.00
500mg	\$135.00
1g	\$381.90

**4-Amino-5-pyrimidinecarboxylic acid**see *4-Aminopyrimidine-5-carboxylic acid, NA57368 on page 61***4-Aminopyrimidine-5-carboxylic acid**

• 4-Amino-5-pyrimidinecarboxylic acid

[20737-41-1] 139.11

NA57368

500mg	\$60.00
1g	\$97.50
2g	\$156.00

**2-Amino-5-pyrimidinesulfonamide**

• 2-Amino-pyrimidine-5-sulfonic acid amide

[99171-23-0] C<sub>4</sub>H<sub>6</sub>N<sub>4</sub>O<sub>2</sub>S 174.18

NA57372

100mg	\$93.00
250mg	\$120.00
500mg	\$190.00

**2-Amino-pyrimidine-5-sulfonic acid amide**see *2-Amino-5-pyrimidinesulfonamide, NA57372 on page 61*

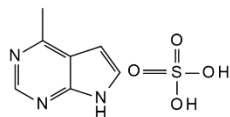
## Aminopyrrolo

## 4-Amino-7H-pyrrolo[2,3-d]pyrimidine hydrogen sulfate

[769951-32-8]

NA44317

Price On Application



## 2-Amino-8-D-ribofuranosyl-imidazol[1,2-a]-1,3,5-triazin-4(8H)-one

see 5-Aza-7-deazaguanosine, NA09785 on page 77

## N-[(5-Amino-1-b-D-ribofuranosyl-1H-imidazol-4-yl)carbonyl]-L-aspartic acid

see N-Succinyl-5-aminoimidazole-4-carboxamide ribose disodium salt, NS16860 on page 354

## N-[(5-Amino-1-b-D-ribofuranosylimidazol-4-yl)carbonyl]-L-aspartic acid

see N-Succinyl-5-aminoimidazole-4-carboxamide ribose 5'-phosphate dibarium salt, NS45131 on page 354

## 4-Amino-1-(b-D-ribofuranosyl)-1H-imidazo[4,5-d]pyridine

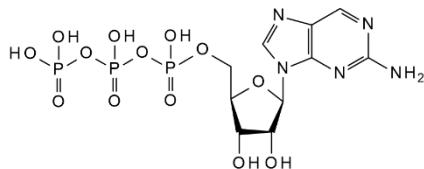
see 3-Deazaadenosine, ND04697 on page 164

## 2-Amino-9-(b-D-ribofuranosyl)purine 5'-O-triphosphate - 10mM aq. solution

[23001-60-7]

C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 507.18

NA46037

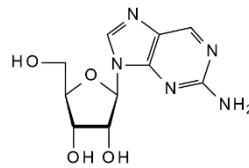
2.5mg  
5mg\$475.00  
\$825.00

## 2-Amino-9-(b-D-ribofuranosyl)purine

• 2-Aminopurine riboside

[4546-54-7] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA04488

50mg \$79.00  
100mg \$132.00  
250mg \$245.00

Refs: O'Neill M, Barton JK, J. Am. Soc. 2002, 124, p13053



## 2-Amino-1-b-D-ribofuranosyl-4(1H)-pyrimidinone

see Isocytidine, NI24672 on page 298

## 2-Amino-7-b-D-ribofuranosyl[3,2-d]pyrimidin-4-one

see 7-Deazaguanosine, ND05752 on page 168

## 2-Amino-7-b-D-ribofuranosyl[3,2-d]pyrimidin-4-one

see 9-Deazaguanosine, ND06109 on page 168

## 4-Amino-7-b-D-ribofuranosyl-7H-pyrrolo[2,3-d]pyrimidine

see 7-Deazaadenosine, ND06290 on page 164

## 2-Amino-4-(thien-2-yl)pyrimidine

• 4-(Thiophen-2-yl)pyrimidin-2-amine

[154321-60-5] 177.23

NA57407

500mg \$80.00  
1g \$209.40  
2g \$335.00

## 3'-O-Aminothymidine-5'-triphosphate

[1159990-37-0]

NA145309

Price On Application



**3'-Amino-D-thymidine**

see 3'-Amino-3'-deoxythymidine, NA02831 on page 49

**3'-O-Aminothymidine**[103251-38-3] C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 257.24

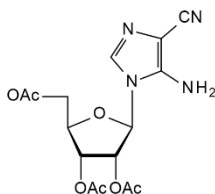
NA145308

Price On Application

**5-Amino-1-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)-imidazole-4-carbonitrile**[23192-63-4] C<sub>15</sub>H<sub>18</sub>N<sub>4</sub>O<sub>7</sub> 366.33

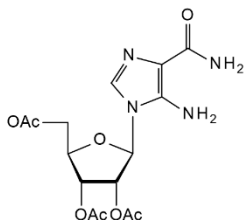
NA11708

1mg	\$84.00
2mg	\$157.50
5mg	\$262.50

**5-Amino-1-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)-imidazole-4-carboxamide**[23274-21-7] C<sub>15</sub>H<sub>20</sub>N<sub>4</sub>O<sub>8</sub> 384.34

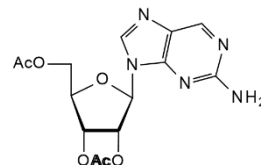
NA11364

1mg	\$84.00
2mg	\$157.50
5mg	\$262.50

**2-Amino-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>7</sub> 393.35

NA08320

100mg	\$105.00
250mg	\$210.00
500mg	\$370.00

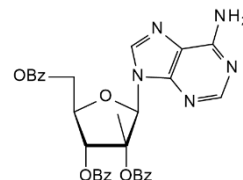
**2-Amino-9-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)-6-thiopurine**

see 2-Amino-6-mercapto-9-(2',3',5'-tri-O-acetyl-b-ribofuranosyl)purine, NA06751 on page 57

**6-Amino-9-(2',3',5'-tri-O-benzoyl-2'-C-methyl-b-D-ribofuranosyl)purine**C<sub>32</sub>H<sub>27</sub>N<sub>5</sub>O<sub>7</sub> 593.6

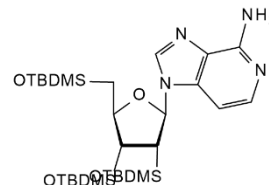
NA08395

500mg	\$3675.00
1g	\$5250.00

**4-Amino-1-(2',3',5'-tri-O-tert-butyl dimethylsilyl-b-D-ribofuranosyl)-imidazo[4,5-c]pyridine**[147212-86-0] C<sub>29</sub>H<sub>56</sub>N<sub>4</sub>O<sub>4</sub>Si<sub>3</sub> 609.04

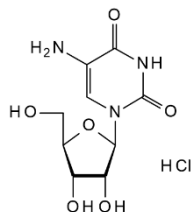
NA04493

5mg	\$315.00
10mg	\$577.50
25mg	\$892.50



**Aminouridine****5-Aminouridine hydrochloride**[116154-74-6] C<sub>9</sub>H<sub>14</sub>ClN<sub>3</sub>O<sub>6</sub> 295.68

NA17376	50mg	\$125.00
	100mg	\$225.00
	250mg	\$410.00



Refs: Roberts, M. and Visser, D.W, J. Biol. Chem, 194, 695 (1952); Beltz, R.E, et al, J. Biol. Chem, 226, 1035 (1957)

**Ammonium 4-nitrobenzoate dihydrate**

[19416-70-7]

NA30959

Price On Application

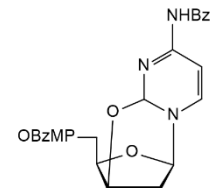
**5'-AMP·H<sub>2</sub>O Adenosine-5'-monophosphoric acid monohydrate/5'-Adenylic acid**see *Adenosine 5'-monophosphate monohydrate*, NA30567 on page 24**3'-AMP**see *Adenosine-3'-monophosphate*, NA66252 on page 25**2',3'-Anhydroadenosine**

NA145605	10mg	\$50.00
	25mg	\$115.00
	50mg	\$210.00

**2,3'-Anhydro-5'-O-p-anisoyl-N4-benzoyl-2'-deoxycytidine**C<sub>24</sub>H<sub>23</sub>N<sub>3</sub>O<sub>6</sub> 449.46

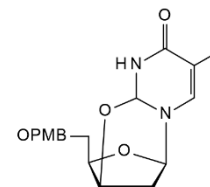
NA09230

Price On Application

**2,3'-Anhydro-5'-O-p-anisoylthymidine**C<sub>18</sub>H<sub>20</sub>N<sub>2</sub>O<sub>6</sub> 360.36

NA09231

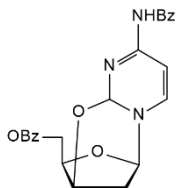
Price On Application

**2,2'-Anhydro-b-D-arabinofuranosyl cytosine HCl**see *2,2'-Anhydrocytidine HCl*, NA01967 on page 67**2,2'-Anhydro-b-D-arabinofuranosyl cytosine**see *2,2'-Anhydrocytidine*, NA02790 on page 67**2,2'-Anhydro-(1-b-D-arabinofuranosyl)-5-methyluracil**see *2,2'-Anhydrothymidine*, NA06711 on page 68**2,2'-Anhydro-b-D-arabinofuranosyl uracil**see *2,2'-Anhydrouridine*, NA05939 on page 69

**2,3'-Anhydro-5'-O-benzoyl-N4-benzoyl-2'-deoxycytidine**C<sub>23</sub>H<sub>21</sub>N<sub>3</sub>O<sub>5</sub> 419.44

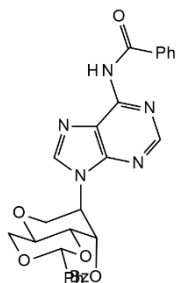
NA09232

Price On Application

**1,5-Anhydro-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-2-(N6-benzoyladenin-1-yl)-D-alto-hexitol**C<sub>32</sub>H<sub>27</sub>N<sub>5</sub>O<sub>6</sub> 577.6

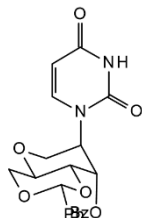
NA07164

100mg	\$263.00
200mg	\$462.00
500mg	\$945.00

**1,5-Anhydro-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-2-(N4-benzoylcytidin-1-yl)-D-alto-hexitol**C<sub>24</sub>H<sub>22</sub>N<sub>2</sub>O<sub>7</sub> 450.45

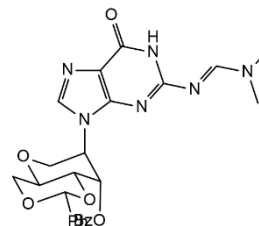
NA07163

100mg	\$263.00
200mg	\$462.00
500mg	\$945.00

**1,5-Anhydro-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-2-(N8-(dimethylamino)methyleneguanidin-1-yl)-D-alto-hexitol**C<sub>28</sub>H<sub>28</sub>N<sub>6</sub>O<sub>6</sub> 544.57

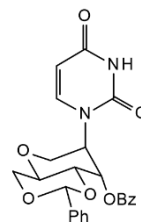
NA07165

25mg	\$95.00
50mg	\$150.00
100mg	\$275.00

**1,5-Anhydro-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-2-(uracil-1-yl)-D-alto-hexitol**C<sub>24</sub>H<sub>22</sub>N<sub>2</sub>O<sub>7</sub> 450.45

NA07162

100mg	\$263.00
200mg	\$462.00
500mg	\$945.00

**2,3'-Anhydro-N4-benzoyl-2'-deoxy-5'-O-DMT-cytidine**

NA145740

100mg	\$50.00
250mg	\$115.00
500mg	\$205.00



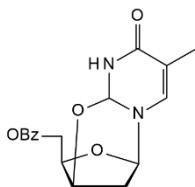
## Anhydrobenzo

## 2,3'-Anhydro-5'-O-benzoylthymidine

C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub> 330.34

NA09233

Price On Application

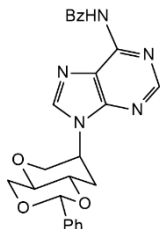


## 1,5-Anhydro-4,6-O-benzylidene-2,3-dideoxy-2-(N6-benzoyladenin-1-yl)-D-glucitol

C<sub>25</sub>H<sub>23</sub>N<sub>5</sub>O<sub>4</sub> 457.49

NA07921

Price On Application

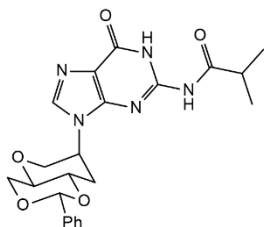


## 1,5-Anhydro-4,6-O-benzylidene-2,3-dideoxy-2-(N2-isobutyrylguanidin-1-yl)-D-glucitol

C<sub>22</sub>H<sub>25</sub>N<sub>5</sub>O<sub>5</sub> 439.48

NA07923

Price On Application



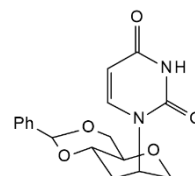
## 1,5-Anhydro-4,6-O-benzylidene-2,3-dideoxy-2-[uracil-1-yl]-D-glucitol

[852235-06-4] C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub> 330.34

NA04723

5g

\$3360.00

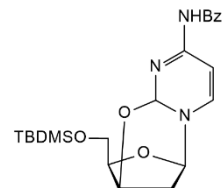


## 2,3'-Anhydro-5'-O-tert-butylidimethylsilyl-N4-benzoyl-2'-deoxycytidine

C<sub>22</sub>H<sub>31</sub>N<sub>3</sub>O<sub>4</sub>Si 429.6

NA09234

Price On Application

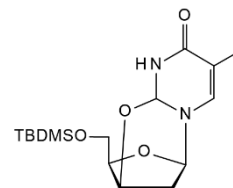


## 2,3'-Anhydro-5'-O-tert-butylidimethylsilylthymidine

C<sub>18</sub>H<sub>28</sub>N<sub>2</sub>O<sub>5</sub>Si 356.5

NA09235

Price On Application



## 2,3'-Anhydro-5'-O-tert-butylidiphenylsilylthymidine

NA145608

500mg	\$50.00
1g	\$90.00
2g	\$164.00

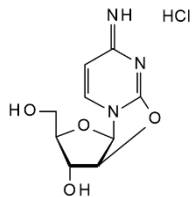


**2,2'-Anhydrocytidine HCl**

- 2,2'-Anhydro-b-D-arabinofuranosyl cytosine HCl
- Cyclocytidine HCl

[10212-25-6] C<sub>9</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub>·HCl 261.66

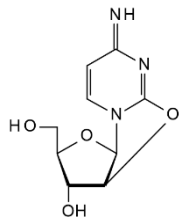
NA01967	2g	\$70.00
	5g	\$125.00
	10g	\$210.00

**2,2'-Anhydrocytidine**

- 2,2'-Anhydro-b-D-arabinofuranosyl cytosine

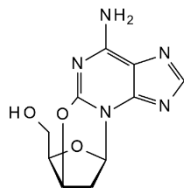
[31698-14-3] C<sub>9</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub> 225.2

NA02790	2g	\$157.50
	5g	\$262.50
	10g	\$420.00

**2,3'-Anhydro-2'-deoxyadenosine**C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>3</sub> 249.23

NA08319

Price On Application

**2,5'-Anhydro-5,6-didehydro-2'-deoxy-2',2'-difluorouridine**C<sub>9</sub>H<sub>10</sub>F<sub>2</sub>N<sub>2</sub>O<sub>5</sub> 264.18

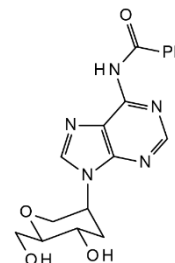
NA71416

Price On Application

**1,5-Anhydro-2,3-dideoxy-2-(N6-benzoyladenine-1-yl)-D-glucitol**C<sub>19</sub>H<sub>19</sub>N<sub>5</sub>O<sub>4</sub> 369.38

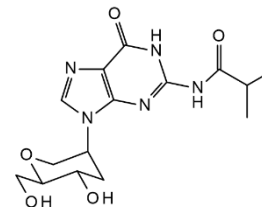
NA07922

Price On Application

**1,5-Anhydro-2,3-dideoxy-2-(N2-isobutyrylguanidine-1-yl)-D-glucitol**C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 351.37

NA07924

Price On Application

**2,2'-Anhydro-5'-O-DMT-thymidine**

NA145607

500mg	\$50.00
1g	\$90.00
2g	\$164.00

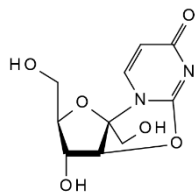


## Anhydrofruct

**2,3'-Anhydro-1-b-D-fructofuranosyluracil**[55697-38-6] C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 256.21

NA31000

Price On Application

**O2-3'-anhydro-beta-D-fructofuranosyluracil**

NO30948

Price On Application

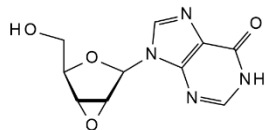
**2',3'-Anhydroinosine**

• 9-(2,3-Anhydro-b-D-ribofuranosyl)-1,9-dihydro-6H-purin-6-one

[31766-13-9] C<sub>10</sub>H<sub>10</sub>N<sub>4</sub>O<sub>4</sub> 250.21

NA17929

10mg	\$157.50
25mg	\$257.50
50mg	\$367.50

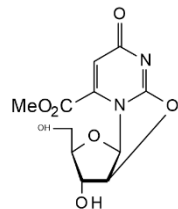


Refs: Rao, D.V.N. et al, J. Pharmac. Biomed.Anal, 45, 516 (2007)

**2,2'-Anhydro-6-methoxycarbonyl-b-D-arabinofuranosyl uracil**[36963-58-3] C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>7</sub> 284.22

NA00714

Price On Application

**2,2'-Anhydro-5-methyl-D-uridine**

see 2,2'-Anhydrothymidine, NA06711 on page 68

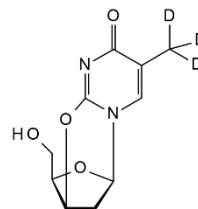
**9-(2,3-Anhydro-b-D-ribofuranosyl)-1,9-dihydro-6H-purin-6-one**

see 2',3'-Anhydroinosine, NA17929 on page 68

**2,3'-Anhydrothymidine, methyl-D3**C<sub>10</sub>H<sub>9</sub>D<sub>3</sub>N<sub>2</sub>O<sub>4</sub> 227.23

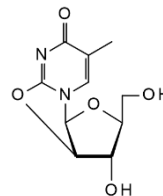
NA06320

1mg	\$241.50
2mg	\$420.00
5mg	\$787.50

**2,2'-Anhydro-L-thymidine**[433733-92-7] C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 240.21

NA07017

5g	\$1050.00
10g	\$1750.00
25g	\$2875.00

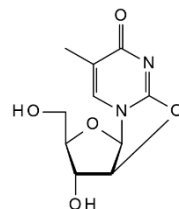
**2,2'-Anhydrothymidine**

- 2,2'-Anhydro-5-methyl-D-uridine
- 2,2'-Anhydro-(1-b-D-arabinofuranosyl)-5-methyluracil

[22423-26-3] C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 240.21

NA06711

50g	\$90.00
100g	\$150.00
250g	\$250.00



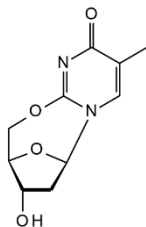
Refs: Codington JF, et.al, J. Org. Chem, 1964, 29, p558



**2,5'-Anhydro-thymidine**[38313-48-3] C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub> 224.21

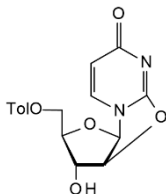
NA02980

Price On Application

**2,2'-Anhydro-5'-O-toluoyluridine**C<sub>17</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 344.32

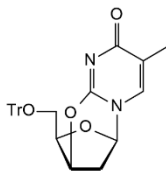
NA08256

Price On Application

**2,3'-Anhydro-5'-O-tritylthymidine**C<sub>29</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub> 466.53

NA06305

50mg	\$89.50
100mg	\$158.00
250mg	\$290.00

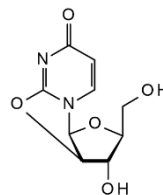


Refs: Vrang L, Bazin H, Remaud G, Chattopadhyaya J, Oberg B, Antiviral Res. 1987, No7, p139-149

**2,2'-Anhydro-L-uridine**[31501-46-9] C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>5</sub> 226.19

NA05630

1g	\$42.00
2g	\$73.50
5g	\$157.50

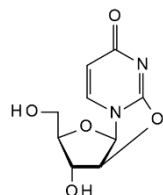
**2,2'-Anhydrouridine**

- 2,2'-Anhydro-b-D-arabinofuranosyl uracil
- O-2,2'-Cyclouridine

[3736-77-4] C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>5</sub> 226.19

NA05939

50g	\$75.00
100g	\$120.00
250g	\$275.00

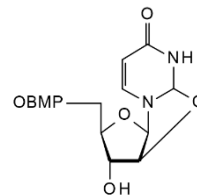


Refs: Ferris JP, Yanagawa H, J. Org. Chem. 1984, 49, p2121

**2-Anilinoadenosine**see *2-Phenylaminoadenosine*, NP07291 on page 340**4-Anilinopyridine**see *N-Phenylpyridin-4-amine*, NP66702 on page 340**5'-O-p-Anisoyl-2,2'-anhydrouridine**C<sub>17</sub>H<sub>16</sub>N<sub>2</sub>O<sub>7</sub> 360.32

NA08203

Price On Application



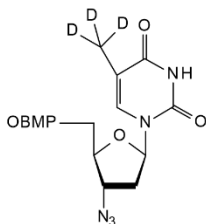
## Anisoylazido

## 5'-O-p-Anisoyl-3'-azido-3'-deoxy-D3-thymidine

C<sub>18</sub>H<sub>16</sub>N<sub>5</sub>O<sub>6</sub>D<sub>3</sub> 404.39

NA08681

Price On Application

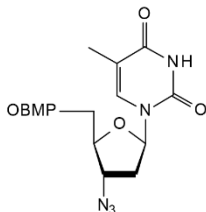


## 5'-O-p-Anisoyl-3'-azido-3'-deoxythymidine

C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub> 401.37

NA08680

Price On Application

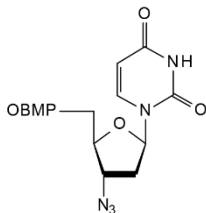


## 5'-O-p-Anisoyl-3'-azido-2',3'-dideoxyuridine

C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>6</sub> 387.35

NA08209

Price On Application

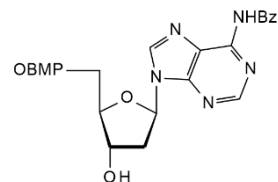


## 5'-O-p-Anisoyl-N6-benzoyl-2'-deoxyadenosine

C<sub>25</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 489.48

NA08704

Price On Application

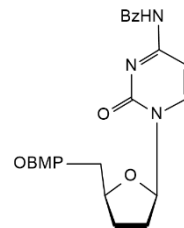


## 5'-O-p-Anisoyl-N4-benzoyl-2',3'-dideoxycytidine

C<sub>24</sub>H<sub>23</sub>N<sub>3</sub>O<sub>6</sub> 449.46

NA08684

Price On Application

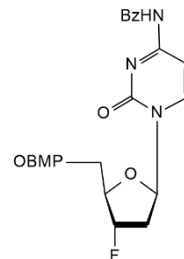


## 5'-O-p-Anisoyl-N4-benzoyl-3'-fluoro-2',3'-dideoxycytidine

C<sub>24</sub>H<sub>22</sub>FN<sub>3</sub>O<sub>6</sub> 467.45

NA08685

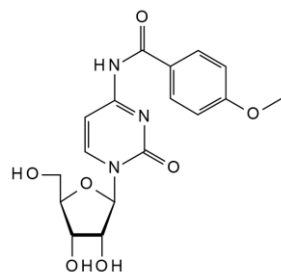
Price On Application



**N4-p-Anisoylcytidine**[28225-17-4] C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>O<sub>7</sub> 377.35

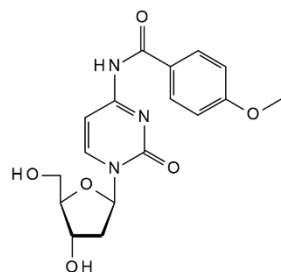
NA07968

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

**N4-Anisoyl-2'-deoxycytidine**[48212-99-3] C<sub>17</sub>H<sub>18</sub>N<sub>3</sub>O<sub>6</sub> 361.35

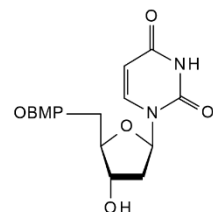
NA07969

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00

**5'-O-p-Anisoyl-2'-deoxyuridine**C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>7</sub> 362.33

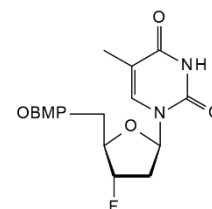
NA08690

Price On Application

**5'-O-p-Anisoyl-3'-fluoro-3'-deoxythymidine**C<sub>18</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>6</sub> 378.4

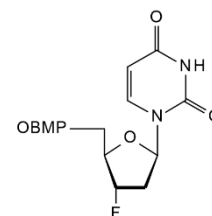
NA06300

10mg	\$75.00
25mg	\$110.00
50mg	\$195.00

**5'-O-p-Anisoyl-3'-fluoro-2',3'-dideoxyuridine**C<sub>17</sub>H<sub>17</sub>FN<sub>2</sub>O<sub>6</sub> 364.33

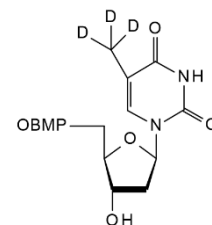
NA08202

Price On Application

**5'-O-p-Anisoyl-D3-thymidine**C<sub>18</sub>H<sub>17</sub>N<sub>2</sub>O<sub>7</sub>D<sub>3</sub> 379.38

NA08692

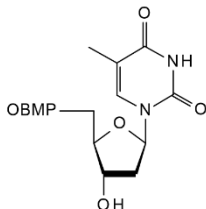
Price On Application



**Anisoylthymi****5'-O-p-Anisoylthymidine**C<sub>18</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 376.36

NA08693

Price On Application

**antisense**

NA11588

Price On Application

**APADH**

see 3-Acetylpyridine adenine dinucleotide, reduced form, sodium salt, NA30684 on page 20

**APAD**

see 3-Acetylpyridine adenine dinucleotide, NA30683 on page 20

**AP3A**

see P1-(5'-Adenosyl) P3-(5'-adenosyl) triphosphate sodium salt, NA46695 on page 29

**Apnea**

see N6-2-(4-Aminophenyl)ethyladenosine, NA72432 on page 60

**Ap5a**

see P1,P5-Di(adenosine-5')pentaphosphate trilithium salt, ND57347 on page 229

**Ara-A**

see 9-(b-D-Arabinofuranosyl)adenine, NA06007 on page 72

**9-(b-D-Arabinofuranosyl)-6-benzylaminopurine**

see 6-Benzylamino-9-(b-D-arabinofuranosyl)purine, NB06159 on page 115

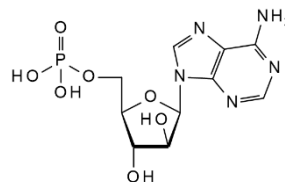
**9-(b-D-Arabinofuranosyl)adenine 5'-monophosphate**

• Vidarabine monophosphate

[29984-33-6] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>7</sub>P 347.22

NA09216

1g	\$40.00
2g	\$60.00
5g	\$115.00

**9-(b-D-Arabinofuranosyl)adenine 5'-triphosphate triethylammonium salt**

• Vidarabine 5'-triphosphate sodium salt

NA15330

1mg	\$504.00
2mg	\$882.00
5mg	\$1837.50

**9-(b-D-Arabinofuranosyl)adenine**

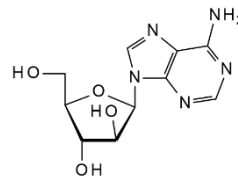
• Vidarabine

• Ara-A

[5536-17-4] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA06007

10g	\$75.00
25g	\$135.00
50g	\$225.00



Refs: Wadhwa MS, Rice KG, J. Drug Targeting 2003, 11, 5, p255; Farmer PB, et.al, Biochemistry, 1972, 11, p911

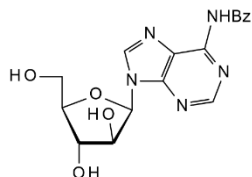
**9-(b-D-Arabinofuranosyl)-N6-benzoyladenine**

• N6-Benzoyl-ara-adenosine

[79896-97-2] C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 371.35

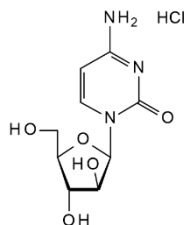
NA08318

100mg	\$74.00
250mg	\$132.50
500mg	\$210.00

**1-(b-D-Arabinofuranosyl)cytosine HCl**• Cytosine b-D-arabinofuranoside HCl  
• Cytarabine HCl[69-74-9] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>·HCl 279.68

NA05780

5g	\$65.00
10g	\$95.00
25g	\$150.00

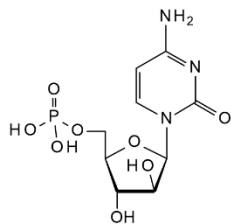


Refs: Dorfman SH, Holtzer H, Silberberg DH, Brain Res. 1976, Mar 12, 104(2) 283-94

**1-(b-D-Arabinofuranosyl)cytosine 5'-monophosphate**• Cytosine b-D-arabinofuranoside 5'-monophosphate  
• Cytarabine 5'-Monophosphate[7075-11-8] C<sub>9</sub>H<sub>14</sub>N<sub>3</sub>O<sub>8</sub>P 323.2

NA10080

25mg	\$68.50
50mg	\$100.00
100mg	\$179.00

**1-(b-D-Arabinofuranosyl)cytosine 5'-triphosphate triethylammonium salt**

• Cytarabine 5'-triphosphate triethylammonium salt

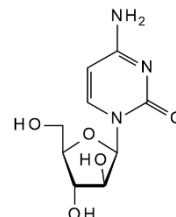
NA15329

1mg	\$504.00
2mg	\$882.00
5mg	\$1837.50

**1-(b-D-Arabinofuranosyl)cytosine**• Cytosine b-D-arabinofuranoside  
• Cytarabine  
• 4-Amino-1-(b-D-Arabinofuranosyl)-2(1H)pyrimidinone[147-94-4] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 243.22

NA05771

5g	\$47.30
10g	\$84.00
25g	\$157.50



Refs: Donehower RC, et al, Cancer Treat. Rep. 1986, 70, p1059

**9-b-D-Arabinofuranosyl-2-fluoroadenine 5-phosphate**see *Fludarabine phosphate*, NF01485 on page 274**9-b-D-Arabinofuranosyl-2-fluoro-1,9-dihydro-6H-purin-6-one**see *2-Fluoroinosine*, NF17964 on page 278**9-b-D-Arabinofuranosyl-2-fluorohypoxanthine**see *2-Fluoroinosine*, NF17964 on page 278

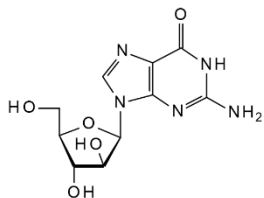
## Arabinofuran

9-(*b*-D-Arabinofuranosyl)guanine

- Arabinofuranosyl-guanine
- Guanine arabinoside

[38819-10-2] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub> 283.24

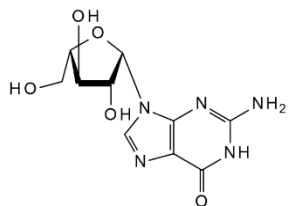
NA06002	100mg	\$50.00
	250mg	\$85.00
	500mg	\$135.00



Refs: Cheriyan UO, Ogilvie KK, Nucleosides Nucleotides 1982, 1, p233

9-(*b*-L-Arabinofuranosyl)guanine[469887-93-2] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub> 283.24

NA35434	100mg	\$5250.00
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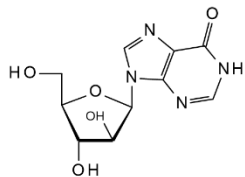
## Arabinofuranosyl-guanine

see 9-(*b*-D-Arabinofuranosyl)guanine, NA06002 on page 749-(*b*-D-Arabinofuranosyl)hypoxanthine

- Arabinofuranosyl-hypoxanthine

[7013-16-3] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 268.23

NA03401	500mg	\$75.00
	1g	\$125.00
	2g	\$220.00



Refs: Sidwell RW, Allen LB, Huffman JH, et al, Antimicrob. Agents Chemother. 1975, 8, p463

## Arabinofuranosyl-hypoxanthine

see 9-(*b*-D-Arabinofuranosyl)hypoxanthine, NA03401 on page 741-(*b*-D-Arabinofuranosyl)-5-iodouracilC<sub>9</sub>H<sub>11</sub>IN<sub>2</sub>O<sub>6</sub> 370.1

NA09572

Price On Application

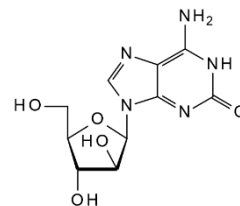
9-(*b*-D-Arabinofuranosyl)isoguanine

- Arabinosyl-isoguanine

C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub> 283.25

NA09573

10mg	\$65.00
25mg	\$122.50
50mg	\$195.00

9-*b*-D-Arabinofuranosyl-6-methoxy-9H-purin-2-amine

see Nelarabine, NN26176 on page 331

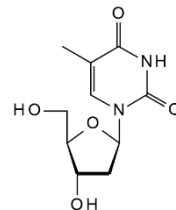
1-(*b*-D-Arabinofuranosyl)thymine

- Thymine 1-*b*-D-arabinofuranoside

[605-23-2] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

NA08059

2mg	\$89.30
5mg	\$168.00
10mg	\$225.00

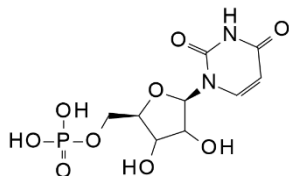


**1-b-D-Arabinofuranosyluracil 5'-monophosphate**

- 1-(5-O-Phosphono-b-D-arabinofuranosyl)-2,4(1H,3H)-pyrimidinedione
- Uracil arabinonucleoside 5'-phosphate

[18354-06-8] C<sub>9</sub>H<sub>13</sub>N<sub>2</sub>O<sub>8</sub>P 324.18

NA16509	1mg	\$294.00
	2mg	\$567.00
	5mg	\$1260.00

Refs: Kozarich, J, et al, *Biochemistry*, 12, 4458 (1973)**1-(b-L-Arabinofuranosyl)uracil 5'-triphosphate triethylammonium salt**

NA137363

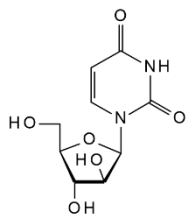
Price On Application

**1-(b-D-Arabinofuranosyl)uracil**

- Ara-U
- Arauridine
- Uracil 1-b-D-arabinofuranoside

[3083-77-0] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 244.2

NA05962	5g	\$60.00
	10g	\$90.00
	25g	\$125.00

Refs: Zhang HS, Fanf YS, Li YS, *Chromatographia* 2006, 63, 3, p203**Arabinosyl-isoguanine**

see 9-(b-D-Arabinofuranosyl)isoguanine, NA09573 on page 74

**2'-Aracytidine**

NA02919

Price On Application

**Arauridine**

see 1-(b-D-Arabinofuranosyl)uracil, NA05962 on page 75

**Ara-U**

see 1-(b-D-Arabinofuranosyl)uracil, NA05962 on page 75

**Aristeromycin**

see Carbocyclic adenosine, NC29204 on page 135

**Arranon**

see Nelarabine, NN26176 on page 331

**(6aS,8R,9R,9aR)-8-(2-Amino-1,6-dihydro-6-oxo-7H-purin-7-yl)-2,3,6a,8,9,9a-hexahydro-9-hydroxy-4-methoxycyclopenta[c]furo[3',2':4,5]furo[2,3-h][1]benzopyran-1,11-dione**

see AFB-guanine, NA17231 on page 30

**ATP magnesium salt**

see Adenosine 5'-triphosphate magnesium salt, NA44288 on page 27

**8-Azaadenosine**[10299-44-2] C<sub>9</sub>H<sub>12</sub>N<sub>6</sub>O<sub>4</sub> 268.23

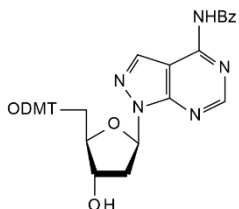
NA02698	10mg	\$70.00
	25mg	\$131.25
	50mg	\$200.00



**Azabenzoylde****8-Aza-N6-benzoyl-7-deaza-2'-deoxy-5'-O-DMT-adenosine**[119803-27-9] C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>6</sub> 657.71

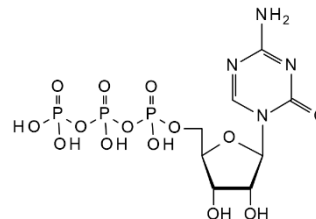
Price On Application

NA30262

**5-Azacytidine 5'-triphosphate**[2226-74-6] C<sub>8</sub>H<sub>15</sub>N<sub>4</sub>O<sub>14</sub>P<sub>3</sub> 484.14

Price On Application

NA09599

**5-Aza-N6-benzoyl-5'-O-DMT-2'-deoxycytidine 2'-CE phosphoramidite**[929904-98-3] C<sub>46</sub>H<sub>53</sub>N<sub>6</sub>O<sub>9</sub>P 864.92

Price On Application

NA145468

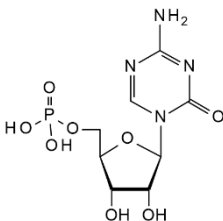
**Azacytidine**

see 5-Azacytidine, NA02947 on page 76

**5-Azacytidine 5'-monophosphate**[2226-72-4] C<sub>8</sub>H<sub>13</sub>N<sub>4</sub>O<sub>8</sub>P 324.18

NA09600

1mg	\$189.00
2mg	\$315.00
5mg	\$708.80

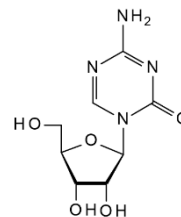
**5-Azacytidine**

- Azacytidine
- Vidaza

[320-67-2] C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 244.21

NA02947

1g	\$42.00
2g	\$50.00
5g	\$95.00



**Refs:** Kusaba H, et al, Eur. J. Biochem. 1999, 262, 924; Broday L, et al, Mol. Cell. Biol. 1999, 19, 3198; Qian X, et al, Am. J. Pathol. 1999, 153, 1475; Canova C, et al, Mech. Ageing Dev. 1998, 101, 153

**6-Azacytidine**

- 6-Azacytosine riboside

[3131-60-0] C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 244.2

NA02728

Price On Application

**6-Azacytosine riboside**

see 6-Azacytidine, NA02728 on page 76





**8-Aza-7-deaza-2'-deoxyadenosine**

• 1-(2-Deoxy-b-D-erythro-pentofuranosyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine

[17318-21-7] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.24

NA141793

5mg	\$75.00
10mg	\$125.00
25mg	\$195.00

**8-Aza-7-deaza-2'-deoxy-5'-O-dimethoxytrityl-N6-(N,N-dimethylaminomethylene)-adenosine**

see 8-Aza-7-deaza-2'-deoxy-N2-DMF-5'-O-DMT-, NA146471 on page 77

**8-Aza-7-deaza-2'-deoxy-N2-DMF-5'-O-DMT-**

• 8-Aza-7-deaza-2'-deoxy-5'-O-dimethoxytrityl-N6-(N,N-dimethylaminomethylene)-adenosine

[869355-14-6] C<sub>34</sub>H<sub>36</sub>N<sub>6</sub>O<sub>5</sub> 608.69

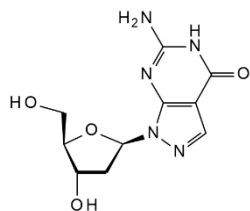
NA146471

50mg	\$350.00
100mg	\$500.00
250mg	\$875.00

**8-Aza-7-deaza-2'-deoxyguanosine**[100644-70-0] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA14388

5mg	\$85.00
10mg	\$130.00
25mg	\$195.00

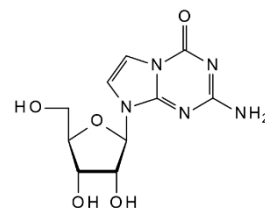
**5-Aza-7-deazaguanosine**

• 2-Amino-8-D-ribofuranosyl-imidazol[1,2-a]-1,3,5-triazin-4(8H)-one

[67410-65-5] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub> 283.24

NA09785

1mg	\$90.00
2mg	\$150.00
5mg	\$335.00

**8-Aza-7-deaza-2'-C-methyladenosine**

NA145111

Price On Application

**8-Aza-2'-deoxyadenosine**

NA141794

50mg	\$1000.00
100mg	\$1550.00
250mg	\$1950.00

**5-Aza-2'-deoxycytidine 5'-triphosphate sodium salt**

NA157213

Price On Application



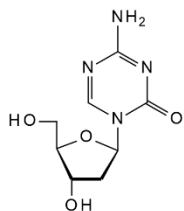
## Azadeoxycyti

## 5-Aza-2'-deoxycytidine

- Decitabine
- 4-Amino-1-(2-deoxy-b-D-ribofuranosyl)-1,3,5-triazin-2(1H)-one

[2353-33-5] C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub> 228.21

NA02969	100mg	\$75.00
	250mg	\$125.00
	500mg	\$210.00



Refs: Wijermans P, Lubbert M, Verhoef G, et al, J. Clin. Onc. 2000, Vol18, Pt5, p956-962

## 6-Aza-2'-deoxyisocytidine

NA76394

Price On Application



## 6-Aza-2'-deoxy-5-methyl-isocytidine

NA76393

Price On Application

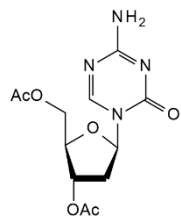


## 5-Aza-3',5'-di-O-acetyl-2'-deoxycytidine

C<sub>12</sub>H<sub>16</sub>N<sub>4</sub>O<sub>6</sub> 312.28

NA13520

1g	\$787.50
5g	\$3150.00



## 8-Aza-6-hydroxy-2-mercaptapurine

- 2-Mercapto-6-hydroxyazapurine

[134811-22-6] C<sub>4</sub>H<sub>3</sub>N<sub>5</sub>OS 169.17

NA66851

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



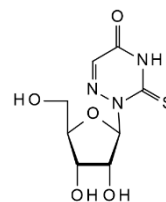
## 6-Aza-2-thiouridine

- 2-Thio-6-azauridine

[27089-56-1] C<sub>8</sub>H<sub>11</sub>N<sub>3</sub>O<sub>3</sub>S 261.26

NA08057

50mg	\$60.00
100mg	\$100.00
250mg	\$180.00



## 6-Azathymine

[932-53-6] C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O<sub>2</sub> 127.1

NA30768

2g	\$64.00
5g	\$130.00
10g	\$230.00

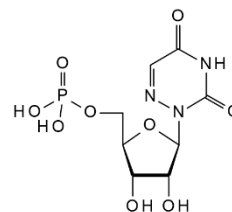


## 6-Azauridine-5'-monophosphate

[2018-19-1] C<sub>8</sub>H<sub>12</sub>N<sub>3</sub>O<sub>9</sub>P 325.17

NA08373

10mg	\$70.00
25mg	\$135.00
50mg	\$225.00



**(-)-6-Azauridine 2',3',5'-triacetate**

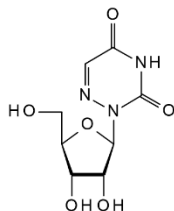
see 2',3',5'-Tri-O-acetyl-6-azauridine, NT32421 on page 369

**5-Azauridine**

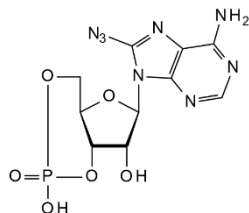
NA145615	10mg	\$50.00
	25mg	\$112.50
	50mg	\$210.00

**6-Azauridine**[54-25-1] C<sub>8</sub>H<sub>11</sub>N<sub>3</sub>O<sub>6</sub> 245.19

NA02765	500mg	\$50.00
	1g	\$89.30
	2g	\$157.50

**8-Azidoadenosine 3',5'-cyclic monophosphate free acid**[31966-52-6] C<sub>10</sub>H<sub>11</sub>N<sub>8</sub>O<sub>6</sub>P 370.22

NA09241	1mg	\$105.00
	2mg	\$157.50
	5mg	\$262.50

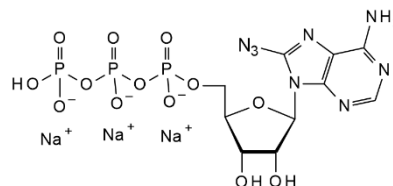
**8-Azidoadenosine 5'-monophosphate sodium salt**[60731-47-7] C<sub>10</sub>H<sub>12</sub>N<sub>8</sub>O<sub>7</sub>P 388.23

NA71640

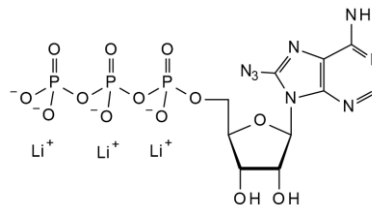
Price On Application

**8-Azidoadenosine 5'-triphosphate sodium salt - 10mM aqueous solution**[53696-59-6] C<sub>10</sub>H<sub>12</sub>N<sub>8</sub>O<sub>13</sub>P<sub>3</sub>·Na<sub>3</sub> 614.14

NA04422	1mg	\$165.00
	2mg	\$300.00
	5mg	\$550.00

**8-Azidoadenosine 5'-triphosphate tetralithium salt**C<sub>10</sub>H<sub>15</sub>N<sub>8</sub>O<sub>13</sub>P<sub>3</sub> 548.19

NA10278	1mg	\$199.50
	2.5mg	\$367.50
	5 mg	\$656.30



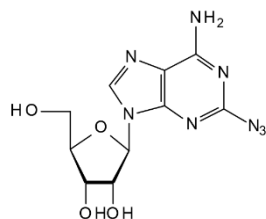
## Azidoadenosine

## 2-Azidoadenosine

[59587-07-4] C<sub>10</sub>H<sub>12</sub>H<sub>8</sub>O<sub>4</sub> 308.25

NA07332

5mg	\$75.00
10mg	\$135.00
25mg	\$300.00

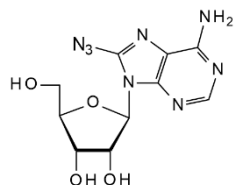


## 8-Azidoadenosine

[4372-67-2] C<sub>10</sub>H<sub>12</sub>N<sub>8</sub>O<sub>4</sub> 308.25

NA06674

25mg	\$81.25
50mg	\$130.00
100mg	\$200.00



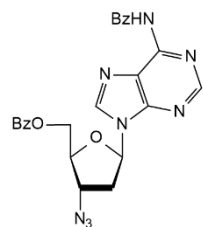
Refs: Holmes RE, Robins RK, J. Am. Chem. Soc. 1965; Jarvis et.al, J. Biol. Chem, 1986, 261, p11077; Viswanadhan et.al, Biochem. Biophys. Acta, 1990, 1039, p356

## 3'-Azido-N6-benzoyl-5'-O-benzoyl-2',3'-dideoxyadenosine

C<sub>24</sub>H<sub>20</sub>N<sub>6</sub>O<sub>4</sub> 484.47

NA08672

Price On Application

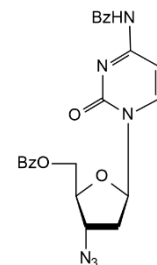


## 3'-Azido-N4-benzoyl-5'-O-benzoyl-2',3'-dideoxycytidine

C<sub>23</sub>H<sub>20</sub>N<sub>6</sub>O<sub>5</sub> 460.44

NA08673

Price On Application

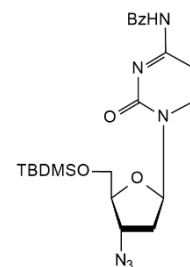


## 3'-Azido-N4-benzoyl-5'-O-tert-butylidimethylsilyl-2',3'-dideoxycytidine

C<sub>22</sub>H<sub>30</sub>N<sub>6</sub>O<sub>4</sub>Si 470.61

NA08674

Price On Application

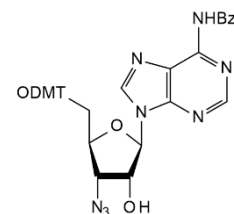


## 3'-Azido-N6-benzoyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-adenosine

C<sub>39</sub>H<sub>34</sub>N<sub>6</sub>O<sub>6</sub> 698.73

NA06023

Price On Application



**2'-Azido-N6-benzoyl-2'-deoxy-5'-O-DMT-adenosine**

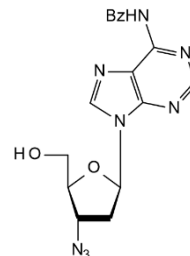
NA145603

2mg	\$50.00
5mg	\$110.00
10mg	\$180.00

**3'-Azido-N6-benzoyl-2',3'-dideoxyadenosine**C<sub>17</sub>H<sub>16</sub>N<sub>6</sub>O<sub>3</sub> 380.36

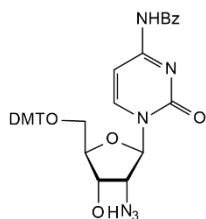
NA08675

10mg	\$105.00
25mg	\$203.50
50mg	\$315.00

**2'-Azido-N4-benzoyl-2'-deoxy-5'-O-DMT-cytidine**C<sub>37</sub>H<sub>34</sub>N<sub>6</sub>O<sub>7</sub> 674.7

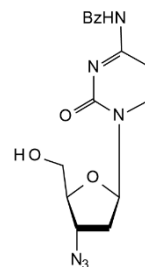
NA11064

Price On Application

**3'-Azido-N4-benzoyl-2',3'-dideoxycytidine**C<sub>16</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub> 356.34

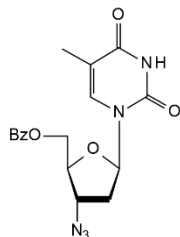
NA08655

25mg	\$157.50
50mg	\$262.50
100mg	\$420.00

**3'-Azido-5'-O-benzoyl-3'-deoxythymidine**C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 371.35

NA08656

25mg	\$105.00
50mg	\$168.00
100mg	\$315.00

**2'-Azido-N4-benzoyl-2',3'-dideoxy-5'-O-DMT-cytidine**[170236-33-6] C<sub>37</sub>H<sub>34</sub>N<sub>6</sub>O<sub>6</sub> 658.7

NA146469

Price On Application

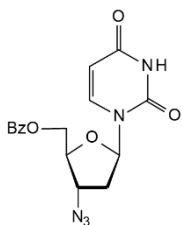


**Azidobenzoyl****3'-Azido-N4-benzoyl-2',3'-dideoxy-5'-O-DMT-cytidine**

NA145619	10mg	\$50.00
	25mg	\$112.50
	50mg	\$205.00

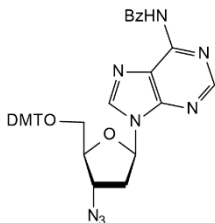
**3'-Azido-5'-O-benzoyl-2',3'-dideoxyuridine**C<sub>16</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 357.32

NA08207	10mg	\$105.00
	25mg	\$203.50
	50mg	\$315.00

**3'-Azido-N6-benzoyl-5'-O-DMT-2',3'-dideoxyadenosine**C<sub>38</sub>H<sub>34</sub>N<sub>8</sub>O<sub>5</sub> 682.73

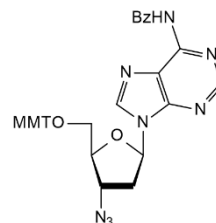
NA08676

Price On Application

**3'-Azido-N6-benzoyl-5'-O-MMT-2',3'-dideoxyadenosine**C<sub>37</sub>H<sub>32</sub>N<sub>8</sub>O<sub>4</sub> 652.72

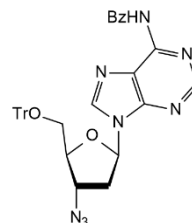
NA08677

100mg	\$3950.00
250mg	\$5125.00
500mg	\$6150.00

**3'-Azido-N4-benzoyl-5'-O-trityl-2',3'-dideoxyadenosine**C<sub>38</sub>H<sub>30</sub>N<sub>8</sub>O<sub>3</sub> 622.68

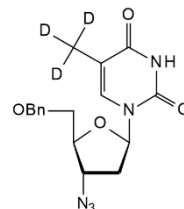
NA08678

5mg	\$94.50
10mg	\$157.50
25mg	\$262.50

**3'-Azido-5'-O-benzyl-3'-deoxy-D3-thymidine**C<sub>17</sub>H<sub>16</sub>N<sub>5</sub>O<sub>4</sub>D<sub>3</sub> 360.38

NA09238

Price On Application

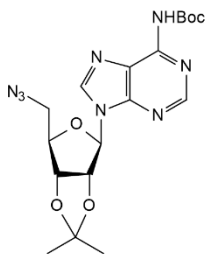


**5'-Azido-N6-Boc-5'-deoxy-2',3'-O-isopropylideneadenosine**[873556-44-6] C<sub>18</sub>H<sub>24</sub>N<sub>6</sub>O<sub>5</sub> 432.43

NA46263

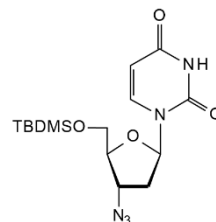
1g

\$4500.00

**3'-Azido-5'-O-tert-butylidimethylsilyl-2',3'-dideoxyuridine**C<sub>15</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>Si 367.48

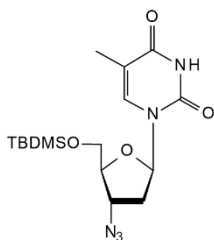
NA08208

Price On Application

**3'-Azido-5'-O-tert-butylidimethylsilyl-3'-deoxythymidine**C<sub>16</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub>Si 381.51

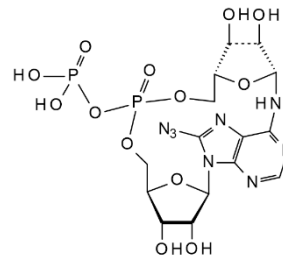
NA08679

25mg	\$87.00
50mg	\$157.50
100mg	\$263.00

**8-Azidocyclic adenosine diphosphate ribose**[150424-94-5] C<sub>15</sub>H<sub>20</sub>N<sub>6</sub>O<sub>13</sub>P<sub>2</sub> 582.31

NA06324

500ug	\$840.00
1mg	\$1260.00
2mg	\$2100.00

**3'-Azido-5'-O-tert-butylidimethylsilyl-2',3'-dideoxy-N2-isobutrylguanosine**

NA145611

5mg	\$50.00
10mg	\$80.00
25mg	\$185.00

**3'-Azido-ddATP.Li**

see 3'-Azido-2',3'-dideoxyadenosine-5'-triphosphate lithium salt - 100 mM aqueous solution, NA71659 on page 89

**3'-Azido-ddCTP.Li**

see 3'-Azido-2',3'-dideoxycytidine-5'-triphosphate lithium salt - 10 mM aqueous solution, NA71660 on page 89

**3'-Azido-ddGTP.Li**

see 3'-Azido-2',3'-dideoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution, NA71661 on page 90

**3'-Azido-ddTTP.Li**

see 3'-Azido-2',3'-dideoxythymidine-5'-triphosphate lithium salt - 100 mM aqueous solution, NA71662 on page 91

**AzidoddUTPLi****3'-Azido-ddUTP.Li**

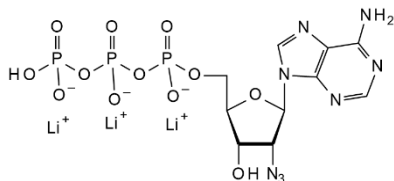
see 3'-Azido-2',3'-dideoxyuridine-5'-triphosphate lithium salt - 100 mM aqueous solution, NA71663 on page 91

**2'-Azido-2'-deoxyadenosine-5'-triphosphate lithium salt**

$C_{10}H_{15}N_5O_{12}P_3$  532.19 (free acid)

NA09428

1ug \$126.00  
2ug \$230.00  
5ug \$472.50

**3'-Azido-2'-deoxyadenosine**

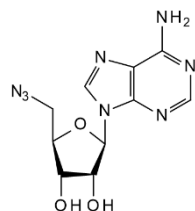
see 3'-Azido-2',3'-dideoxyadenosine, NA06398 on page 89

**5'-Azido-5'-deoxyadenosine**

[737-76-8]  $C_{10}H_{12}N_5O_3$  292.25

NA46264

500mg \$1900.00  
1g \$3000.00

**8-Azido-2'-deoxyadenosine**

[131265-35-5]  $C_{10}H_{12}N_5O_3$  292.25

NA44903

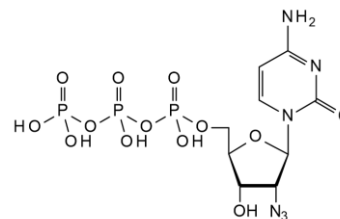
2mg \$60.00  
5mg \$100.00  
10mg \$190.00

**2'-Azido-2'-deoxycytidine-5'-triphosphate**

$C_9H_{15}N_6O_{13}P_3$  508.17

NA09429

1ug \$126.00  
5ug \$472.50  
10ug \$735.00

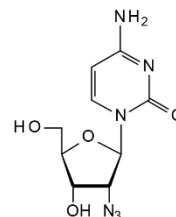
**2'-Azido-2'-deoxycytidine**

• 2'-Azido-2'-deoxycytidine

[51034-68-5]  $C_9H_{12}N_6O_4$  268.2

NA05412

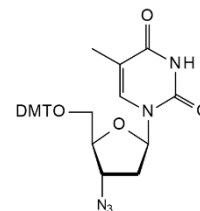
50mg \$90.00  
100mg \$160.00  
250mg \$295.00

**3'-Azido-2'-deoxy-5'-O-DMT-thymidine**

$C_{31}H_{31}N_5O_6$  569.61

NA08705

100mg \$50.00  
250mg \$100.00  
500mg \$165.00

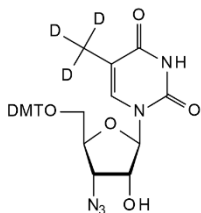




**3'-Azido-3'-deoxy-5'-O-DMT-D3-thymidine**C<sub>31</sub>H<sub>28</sub>N<sub>5</sub>O<sub>7</sub>D<sub>3</sub> 588.62

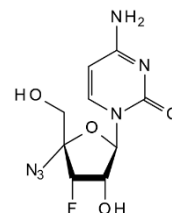
NA09239

Price On Application

**4'-C-Azido-3'-deoxy-3'-fluorocytidine**[1145869-46-0] C<sub>9</sub>H<sub>11</sub>FN<sub>5</sub>O<sub>4</sub> 286.22

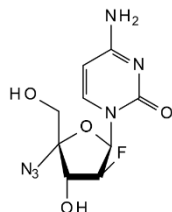
NA32210

250mg	\$2000.00
500mg	\$3000.00
1g	\$4000.00

**4'-C-Azido-2'-deoxy-2'-fluoro-b-D-arabinocytidine**[1011529-10-4] C<sub>9</sub>H<sub>11</sub>FN<sub>5</sub>O<sub>4</sub> 286.22

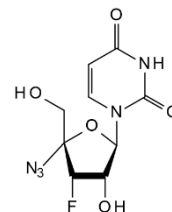
NA32212

1mg	\$225.00
2mg	\$350.00
5mg	\$625.00

**4'-C-Azido-3'-deoxy-3'-fluorouridine**[1365258-17-8] C<sub>9</sub>H<sub>10</sub>FN<sub>5</sub>O<sub>5</sub> 287.2

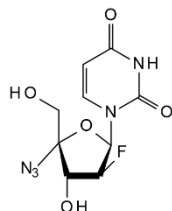
NA32211

1g \$9000.00

**4'-C-Azido-2'-deoxy-2'-fluoro-b-D-arabinouridine**[173379-73-2] C<sub>9</sub>H<sub>10</sub>FN<sub>5</sub>O<sub>5</sub> 287.2

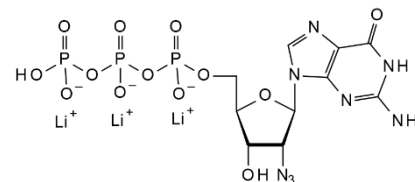
NA32213

10mg \$800.00

**2'-Azido-2'-deoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution**C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 548.19 (free acid)

NA09430

500ug	\$120.00
1mg	\$220.50
2mg	\$409.50



## Azidodeoxygu

## 2'-Azido-2'-deoxyguanosine

[60921-30-4] C<sub>10</sub>H<sub>12</sub>N<sub>6</sub>O<sub>4</sub> 308.25

NA02579

10mg	\$619.50
25mg	\$1045.00
50mg	\$1732.50

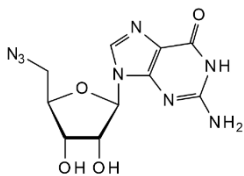


## 5'-Azido-5'-deoxyguanosine

[42204-44-4] C<sub>10</sub>H<sub>12</sub>N<sub>6</sub>O<sub>4</sub> 308.25

NA16030

1mg	\$125.00
2mg	\$230.00
5mg	\$425.00

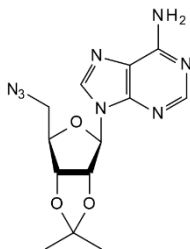


## 5'-Azido-5'-deoxy-2',3'-O-isopropylideneadenosine

[34245-48-2] C<sub>13</sub>H<sub>16</sub>NaO<sub>3</sub> 332.32

NA46265

1g \$2500.00



## 5'-Azido-5'-deoxy-2'-O-methyluridine

NA137608

Price On Application

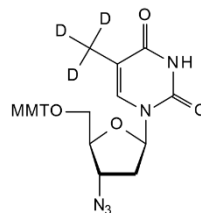


## 3'-Azido-3'-deoxy-5'-O-MMT-D3-thymidine

C<sub>30</sub>H<sub>26</sub>N<sub>5</sub>O<sub>5</sub>D<sub>3</sub> 542.61

NA09240

Price On Application



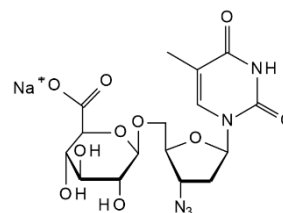
## 3'-Azido-3'-deoxythymidine-b-D-glucuronide sodium salt

• AZT Glucuronide

[133525-01-6] C<sub>16</sub>H<sub>20</sub>N<sub>5</sub>NaO<sub>10</sub> 465.35

NA06316

2mg	\$95.00
5mg	\$135.00
10mg	\$200.00



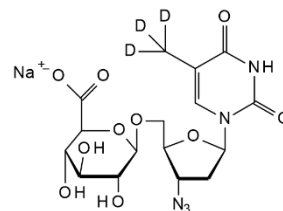
## 3'-Azido-3'-deoxythymidine-methyl-D3-b-D-glucuronide sodium salt

• AZT-methyl-D3 glucuronide

C<sub>16</sub>H<sub>17</sub>D<sub>3</sub>N<sub>5</sub>NaO<sub>10</sub> 468.36

NA04586

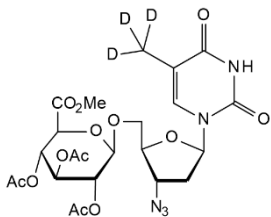
1mg	\$425.00
2mg	\$750.00
5mg	\$1625.00



**3'-Azido-3'-deoxythymidine-methyl-D3-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester**C<sub>23</sub>H<sub>26</sub>D<sub>3</sub>N<sub>5</sub>O<sub>13</sub> 586.52

NA04579

1mg	\$288.80
2mg	\$535.50
5mg	\$1181.30

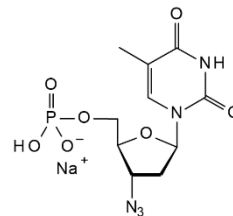
**3'-Azido-3'-deoxythymidine 5'-monophosphate sodium salt**

- Zidovudine 5'-monophosphate sodium salt
- AzTMP

[29706-85-2] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>NaO<sub>7</sub>P 369.23

NA06326

10mg	\$110.00
25mg	\$200.00
50mg	\$370.00

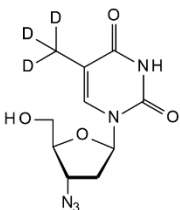
**3'-Azido-3'-deoxythymidine methyl-D3**

• AZT-D3

C<sub>10</sub>H<sub>10</sub>D<sub>3</sub>N<sub>5</sub>O<sub>4</sub> 270.26

NA04603

1mg	\$210.00
2mg	\$378.00
5mg	\$840.00

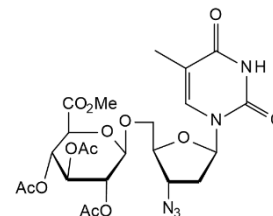


Refs: Mitsuya H, et al, Nature 325, p773, 1987

**3'-Azido-3'-deoxythymidine 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester**C<sub>23</sub>H<sub>29</sub>N<sub>5</sub>O<sub>13</sub> 583.5

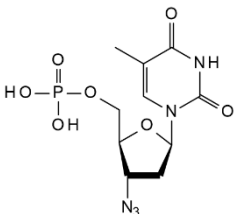
NA04601

5mg	\$68.30
10mg	\$99.80
25mg	\$184.00

**3'-Azido-3'-deoxythymidine-5'-monophosphate lithium salt - 100 mM aqueous solution**[29706-85-2] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>7</sub>P·xLi 347.22 (free acid basis)

NA32046

Price On Application

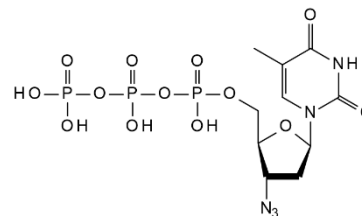
**3'-Azido-3'-deoxythymidine-5'-triphosphate lithium salt - 100mM aqueous solution**

• AzTTP

[92586-35-1] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·xLi 507.18 (free acid basis)

NA32049

500ug	\$150.00
1mg	\$250.00
2mg	\$450.00



## Azidodeoxyth

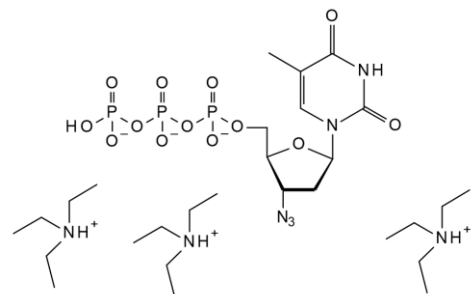
**3'-Azido-3'-deoxythymidine 5'-triphosphate triethylammonium salt**

• Zidovudine 5'-triphosphate triethylammonium salt

[127753-52-0] C<sub>22</sub>H<sub>46</sub>N<sub>7</sub>O<sub>13</sub>P<sub>3</sub> 709.52

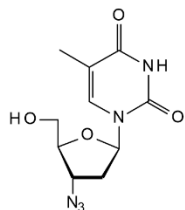
NA15338

1mg	\$441.00
2mg	\$798.00
5mg	\$1680.00

**3'-Azido-3'-deoxythymidine**• AZT  
• Zidovudine  
• Azitidine[30516-87-1][73971-82-1] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA05636

10g	\$60.00
25g	\$95.00
50g	\$150.00

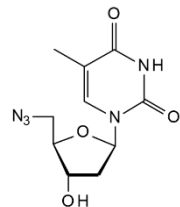


Refs: Mitsuya H, et al, Nature 325, p773, 1987

**5'-Azido-5'-deoxythymidine**[19316-85-9] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

NA06452

10mg	\$65.00
25mg	\$110.00
50mg	\$175.00

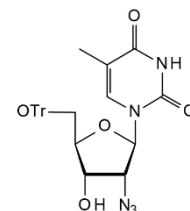
**3'-Azido-3'-deoxy-5'-O-tritylthymidine**

• Zidovudine Impurity 2

[29706-84-1] C<sub>29</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub> 509.56

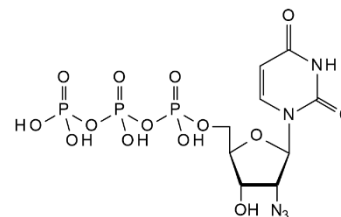
NA10412

1g	\$100.00
2g	\$170.00
5g	\$330.00

**2'-Azido-2'-deoxyuridine 5'-triphosphate**C<sub>9</sub>H<sub>14</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub> 509.15

NA09431

1ug	\$126.00
5ug	\$472.50
10ug	\$735.00

**2'-Azido-2'-deoxy-D-uridine**

see 2'-Azido-2'-deoxyuridine, NA06303 on page 88

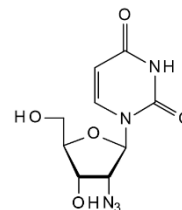
**2'-Azido-2'-deoxyuridine**

• 2'-Azido-2'-deoxy-D-uridine

[26929-65-7] C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O<sub>5</sub> 269.21

NA06303

25mg	\$50.00
50mg	\$90.00
100mg	\$160.00



Refs: Van Calenbergh S, Verlinde CLMJ, Soenens J, et al, J. Med. Chem. 1995, Vol38, p3838-3849

**3'-Azido-3'-deoxy-L-uridine**C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O<sub>5</sub> 269.21

NA139066

Price On Application

**3'-Azido-3'-deoxyuridine**[70580-88-0] C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O<sub>5</sub> 269.21

NA139017

1mg	\$180.00
2mg	\$300.00
5mg	\$600.00

**5-Azido-2'-deoxyuridine**

NA32296

Price On Application

**3'-Azido-2',3'-dideoxyadenosine-5'-triphosphate lithium salt - 100 mM aqueous solution**

• 3'-Azido-ddATP.Li

C<sub>10</sub>H<sub>15</sub>N<sub>6</sub>O<sub>11</sub>P<sub>3</sub>·xLi 516.19 (free acid basis)

NA71659

500ug	\$175.00
1mg	\$325.00
2mg	\$550.00

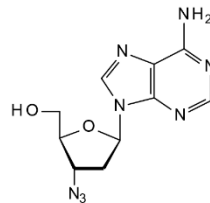
**3'-Azido-2',3'-dideoxyadenosine**

- 9-(3-Azido-2,3-dideoxy-b-D-erythro-pentofuranosyl)adenine
- 3'-Azido-2'-deoxyadenosine

[66323-44-2] C<sub>10</sub>H<sub>12</sub>N<sub>6</sub>O<sub>2</sub> 276.26

NA06398

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



Refs: Herdewijn P, Pauwels R, Baba M, J. Med. Chem. 1987, Vol30, p3131-2137

**3'-Azido-2',3'-dideoxycytidine-5'-triphosphate lithium salt - 10 mM aqueous solution**

• 3'-Azido-ddCTP.Li

C<sub>9</sub>H<sub>15</sub>O<sub>12</sub>N<sub>6</sub>P<sub>3</sub>·xLi 492.17 (free acid basis)

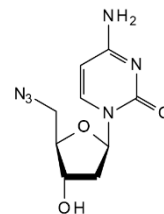
NA71660

500ug	\$175.00
1mg	\$325.00
2mg	\$550.00

**5'-Azido-2',5'-dideoxycytidine**[4803-88-7] C<sub>9</sub>H<sub>12</sub>N<sub>6</sub>O<sub>3</sub> 252.23

NA45440

25mg	\$175.00
50mg	\$275.00
100mg	\$450.00



## Azidodideoxy

## 3'-Azido-2',3'-dideoxy-5'-O-DMT-5-methylcytidine N4-succinate

NA145617	10mg	\$50.00
	25mg	\$112.50
	50mg	\$205.00



## 3'-Azido-2',3'-dideoxy-5'-O-DMT-5-methylcytidine

NA145616	25mg	\$50.00
	50mg	\$90.00
	100mg	\$175.00



## 9-(3-Azido-2,3-dideoxy-b-D-erythro-pentofuranosyl)adenine

see 3'-Azido-2',3'-dideoxyadenosine, NA06398 on page 89

## 9-(3-Azido-2,3-dideoxy-b-D-erythro-pentofuranosyl)guanine

see 3'-Azido-2',3'-dideoxyguanosine, NA06550 on page 90

## 5'-Azido-2',5'-dideoxy-2'-fluorouridine

NA137610

Price On Application



## 3'-Azido-2',3'-dideoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution

• 3'-Azido-ddGTP.Li

$C_{10}H_{15}NaO_{12}P_3 \cdot xLi$  532.19 (free acid basis)

NA71661	500ug	\$175.00
	1mg	\$325.00
	2mg	\$550.00



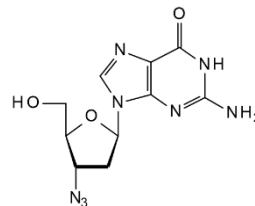
## 3'-Azido-2',3'-dideoxyguanosine

• 9-(3-Azido-2,3-dideoxy-b-D-erythro-pentofuranosyl)guanine

[66323-46-4]  $C_{10}H_{12}N_6O_3$  292.25

NA06550

1mg	\$89.30
2mg	\$157.50
5mg	\$315.00



Refs: Perdewijn P, Balzarini J, Baba M, Pauwels R, Van Aershot A, Janssen G, De Clercq E, J. Med. Chem, 1988, 31, p2040

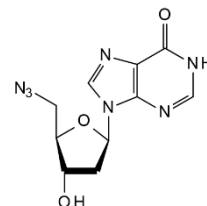


## 5'-Azido-2',5'-dideoxyinosine

[496809-83-7]  $C_{10}H_{11}N_7O_3$  277.24

NA45439

5mg	\$125.00
10mg	\$190.00
25mg	\$350.00



## 3'-Azido-2',3'-dideoxy-N2-isobutrylguanosine

NA145610

10mg	\$50.00
25mg	\$112.50
50mg	\$205.00



**3'-Azido-2',3'-dideoxythymidine-5'-triphosphate lithium salt - 100 mM aqueous solution**

• 3'-Azido-ddTTP.Li

C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·xLi 507.18 (free acid basis)

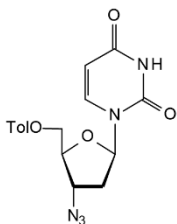
NA71662

500ug	\$175.00
1mg	\$325.00
2mg	\$550.00

**3'-Azido-2',3'-dideoxy-5'-O-p-toluoyluridine**C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 371.35

NA08211

Price On Application

**3'-Azido-2',3'-dideoxyuridine-5'-triphosphate lithium salt - 100 mM aqueous solution**

• 3'-Azido-ddUTP.Li

C<sub>9</sub>H<sub>14</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·xLi 493.15 (free acid basis)

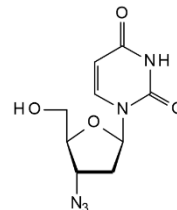
NA71663

500ug	\$175.00
1mg	\$325.00
2mg	\$550.00

**3'-Azido-2',3'-dideoxyuridine**[84472-85-5] C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O<sub>4</sub> 253.21

NA05737

10mg	\$160.00
25mg	\$300.00
50mg	\$475.00



Refs: Boudinot FD, Schinazi RF, Gallo JM, McClure HM, Anderson DC, Doshi KJ, Kambampathi PC, Chu CK, AIDS Res Hum Retroviruses. 1990, 2, p219

**3'-O-Azidomethyl 2'-deoxyadenosine 5'-O-triphosphate sodium salt**

NA46068

Price On Application

**3'-O-Azidomethyl 2'-deoxycytidine 5'-O-triphosphate sodium salt**

NA46069

Price On Application

**3'-O-Azidomethyl 2'-deoxyguanosine 5'-O-triphosphate sodium salt**

NA46070

Price On Application



**Azidomethylid****3'-O-Azidomethyl 2'-deoxythymidine 5'-O-triphosphate sodium salt**

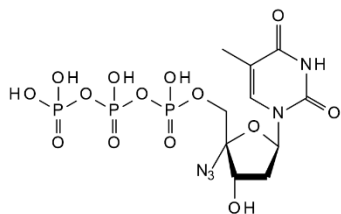
NA45920

Price On Application

**4'-Azidothymidine 5-triphosphate**[140158-13-0] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub> 523.18

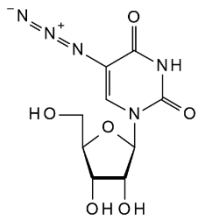
NA13340

Price On Application

**5-Azidouridine**[1261272-24-5][1355028-82-8] C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O<sub>6</sub> 285.21

NA16510

5mg	\$94.50
10mg	\$157.50
25mg	\$315.00

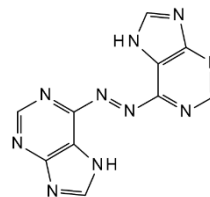
**Azithidine**

see 3'-Azido-3'-deoxythymidine, NA05636 on page 88

**6,6'-Azopurine**[26227-04-3] C<sub>10</sub>H<sub>6</sub>N<sub>10</sub> 266.22

NA16207

Price On Application

**AZT Glucuronide**

see 3'-Azido-3'-deoxythymidine-b-D-glucuronide sodium salt, NA06316 on page 86

**AZT-methyl-D3 glucuronide**

see 3'-Azido-3'-deoxythymidine-methyl-D3-b-D-glucuronide sodium salt, NA04586 on page 86

**AzTMP**

see 3'-Azido-3'-deoxythymidine 5'-monophosphate sodium salt, NA06326 on page 87

**AzTTP**

see 3'-Azido-3'-deoxythymidine-5'-triphosphate lithium salt - 100mM aqueous solution, NA32049 on page 87

**AZT**

see 3'-Azido-3'-deoxythymidine, NA05636 on page 88

**AZT-D3**

see 3'-Azido-3'-deoxythymidine methyl-D3, NA04603 on page 87

**Baraclude**

see Entecavir hydrate, NE10532 on page 267



**gamma-(BBT)-ATP**

• gamma-[2'(2-benzothiazoyl)-6'-hydroxybenzothiazole]-adenosine-5'-triphosphate sodium salt

$C_{24}H_{22}N_7O_{13}P_3S_2 \cdot xNa$  773.52 (free acid basis)

NB30742

1mg

\$204.80

**gamma-(BBT)-GTP**

• gamma-[2'(2-benzothiazoyl)-6'-hydroxybenzothiazole]-guanosine-5'-triphosphate sodium salt

$C_{24}H_{22}N_7O_{14}P_3S_2 \cdot xNa$  789.52 (free acid basis)

NB30743

1mg

\$204.80

**(-)-BCH-189**

see *Lamivudine*, NL06295 on page 302

**(+)-BCH 189**

see *ent-Lamivudine*, NE22686 on page 268

**gamma-[2'(2-benzothiazoyl)-6'-hydroxybenzothiazole]-adenosine-5'-triphosphate sodium salt**

see *gamma-(BBT)-ATP*, NB30742 on page 93

**gamma-[2'(2-benzothiazoyl)-6'-hydroxybenzothiazole]-guanosine-5'-triphosphate sodium salt**

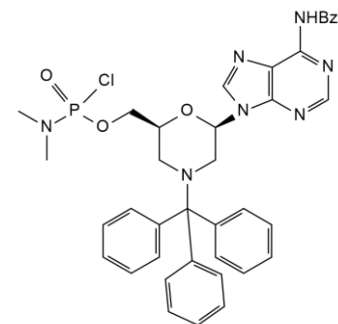
see *gamma-(BBT)-GTP*, NB30743 on page 93

**[(2S,6R)-6-(N6-Benzoyladenin-9-yl)-4-tritylmorpholin-2-yl]methyl dimethyl-phosphoramidochloridate**

[956139-18-7]  $C_{38}H_{37}ClN_7O_4P$  722.17

NB58201

Price On Application

**N6-Benzoyl-L-adenosine**

[868663-26-7]  $C_{17}H_{17}N_5O_5$  371.35

NB09418

10g

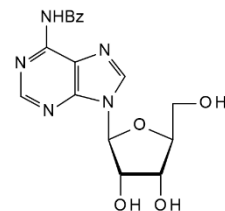
\$2625.00

25g

\$4725.00

50g

\$6300.00

**N6-Benzoyladenosine**

[4546-55-8]  $C_{17}H_{17}N_5O_5$  371.35

NB06291

25g

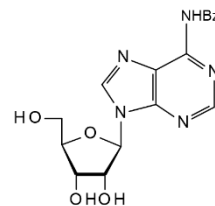
\$60.00

50g

\$100.00

100g

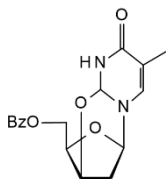
\$150.00



**Benzoylanhyd****5'-O-Benzoyl-2,3'-anhydrothymidine**[70838-44-7] C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub> 330.34

NB03505

25mg	\$65.00
50mg	\$80.00
100mg	\$120.00

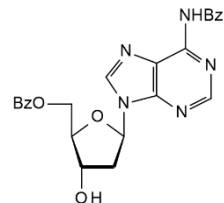


Refs: Czerniecki S, et.al, Nucleosides &amp; Nucleotides, 1995, 14, p1227

**N6-Benzoyl-5'-O-benzoyl-2'-deoxyadenosine**C<sub>24</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 459.47

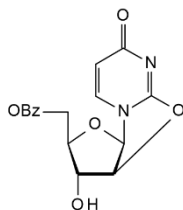
NB08668

Price On Application

**5'-O-Benzoyl-2,2'-anhydrouridine**C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 330.29

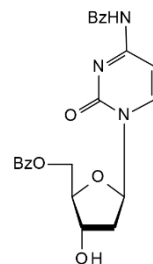
NB08212

Price On Application

**N4-Benzoyl-5'-O-benzoyl-2'-deoxycytidine**C<sub>23</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub> 435.44

NB08667

Price On Application

**N6-Benzoyl-ara-adenosine**see 9-(*b*-D-Arabinofuranosyl)-N6-benzoyladenine, NA08318 on page 73**2'(3')-O-(4-Benzoyl)benzoyladenosine-5'-triphosphate triethylammonium salt**

• BzATP triethylammonium salt

[81790-82-1][112898-15-4] C<sub>24</sub>H<sub>24</sub>N<sub>5</sub>O<sub>15</sub>P<sub>3</sub>·xNH<sub>3</sub> 715.39 (free acid basis)

NB29594	1mg	\$57.80
	2mg	\$73.50
	5mg	\$131.30

**N6-Benzoyl-2'-O-tert-butylidimethylsilyladenosine**

• 2'-TBDMS-Bz-rA

[69504-07-0] C<sub>23</sub>H<sub>31</sub>N<sub>5</sub>O<sub>5</sub>Si 485.61

NT57542

1g	\$195.00
2g	\$350.00
5g	\$625.00



**N4-Benzoyl-2'-O-tert-butylidimethylsilylcytidine**

• 2'-TBDMS-Bz-rC

[185398-21-4] C<sub>22</sub>H<sub>31</sub>N<sub>3</sub>O<sub>6</sub>Si 461.58

NT57545

Price On Application

**N6-Benzoyl-3'-O-tert-butylidimethylsilyl-2'-deoxyadenosine**

NB146140

500mg	\$900.00
1g	\$1300.00
2g	\$2000.00

**N6-Benzoyl-5'-O-tert-butylidimethylsilyl-2'-deoxyadenosine**

[51549-39-4]

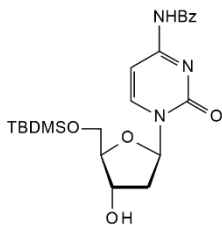
NB63417

50g	\$700.00
100g	\$1170.00
250g	\$2600.00

**N4-Benzoyl-5'-O-tert-butylidimethylsilyl-2'-deoxycytidine**[51549-36-1] C<sub>22</sub>H<sub>31</sub>N<sub>3</sub>O<sub>5</sub>Si 445.6

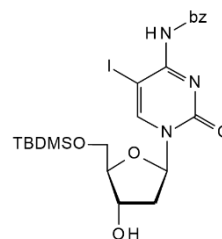
NB08718

500mg	\$95.00
1g	\$131.30
2g	\$210.00

**N4-Benzoyl-5'-O-tert-butylidimethylsilyl-2'-deoxy-5-iodocytidine**C<sub>22</sub>H<sub>30</sub>I<sub>N<sub>3</sub>O<sub>5</sub>Si</sub> 571.48

NB09206

500mg	\$175.00
1g	\$295.00
2g	\$500.00

**N6-Benzoyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-adenosine**[81265-93-2] C<sub>44</sub>H<sub>49</sub>N<sub>5</sub>O<sub>7</sub>Si 787.97

NB15297

1g	\$60.00
2g	\$90.00
5g	\$150.00

**N6-Benzoyl-3'-O-tert-butylidimethylsilyl-5'-O-DMT-adenosine**

• N6-Bz-3'-TBDMS-5'-DMT rA

[81256-88-4] C<sub>44</sub>H<sub>49</sub>N<sub>5</sub>O<sub>7</sub>Si 787.97

NB15524

50mg	\$50.00
100mg	\$86.00
250mg	\$170.00



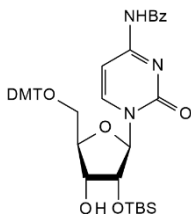
**Benzoylbutyl****N4-Benzoyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine**

• 5'-O-(4,4'-Dimethoxytrityl)-2'-O-(tertbutyldimethylsilyl)-N-benzoyl-Cytidine

[81256-87-3] C<sub>43</sub>H<sub>49</sub>N<sub>3</sub>O<sub>6</sub>Si 763.95

NB15302

100mg	\$55.00
250mg	\$80.00
500mg	\$125.00

**N4-Benzoyl-3'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine**

• 5'-DMT-3'-TBDMS-Bz-rC

C<sub>43</sub>H<sub>49</sub>N<sub>3</sub>O<sub>6</sub>Si 763.95

NB33745

Price On Application

**N6-Benzoyl-5'-chloro-5'-deoxy-2',3'-O-isopropylideneadenosine**

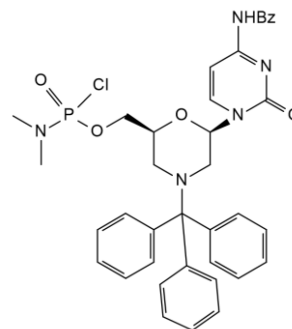
NB46326

250mg	\$650.00
500mg	\$950.00
1g	\$1700.00

**[(2S,6R)-6-(N4-Benzoylcydin-1-yl)-4-tritylmorpholin-2-yl]methyl dimethylphosphoramidochloridate**[956139-21-2] C<sub>37</sub>H<sub>37</sub>ClN<sub>5</sub>O<sub>5</sub>P 698.15

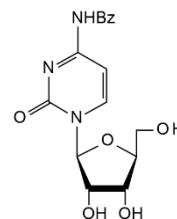
NB58202

Price On Application

**N4-Benzoyl-L-cytidine**[1018812-31-1] C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub> 347.32

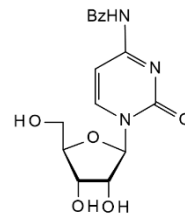
NB09417

100mg	\$85.00
250mg	\$150.00
500mg	\$250.00

**N4-Benzoylcytidine**[13089-48-0] C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub> 347.32

NB01918

10g	\$45.00
25g	\$85.00
50g	\$150.00



Refs: Gladkaya VA, Levitskaya Z, Shalaim AS, et al, Chem. Nat. Compd. 1990, 25, 4, p488

**N6-Benzoyl-7-deaza-2'-deoxyadenosine**

[95261-09-9]

NB74991

Price On Application

**N6-Benzoyl-7-deaza-2'-deoxy-5'-O-DMT-7-iodoadenosine**

NB137598

Price On Application

**N6-Benzoyl-7-deaza-2'-7-iodoadenosine**

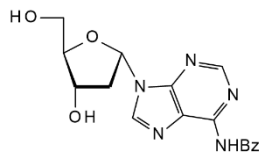
NB137597

Price On Application

**N6-Benzoyl-2'-deoxy-a-adenosine**C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 355.36

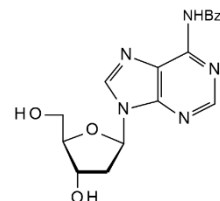
NB08526

25mg	\$210.00
50mg	\$315.00
100mg	\$473.00

**N6-Benzoyl-2'-deoxyadenosine**[4546-72-9][305808-19-9] C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 355.35

NB06336

5g	\$55.00
10g	\$100.00
25g	\$200.00

**N6-Benzoyl-3'-deoxyadenosine**[76902-49-3] C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 355.35

NB31303

25mg	\$80.00
50mg	\$131.50
100mg	\$231.00

**N6-Benzoyl-5'-O-2'-deoxyadenosine**C<sub>26</sub>H<sub>31</sub>N<sub>5</sub>O<sub>4</sub> 597.66

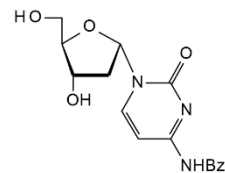
NB57521

Price On Application

**N4-Benzoyl-2'-deoxy-a-cytidine**C<sub>16</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 331.33

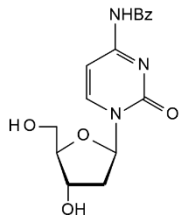
NB08374

50mg	\$210.00
100mg	\$315.00
250mg	\$577.50



**Benzoyldeoxy****N4-Benzoyl-2'-deoxycytidine**[4836-13-9] C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 331.33

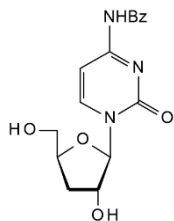
NB02991	5g	\$63.00
	10g	\$99.80
	25g	\$173.50

**Refs:**

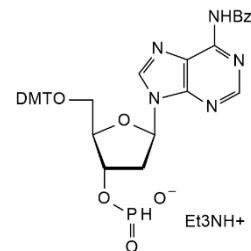
Koga M, Wilk A, Moore MF, Scremin CL, Zhou L, Beaucauge SL, J. Org. Chem. 1995, 60, p1520

**N4-Benzoyl-3'-deoxycytidine**[161110-00-5] C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 331.32

NB02825	5mg	\$84.00
	10mg	\$147.00
	25mg	\$252.00

**5'-Benzoyl-3'-deoxy-2',3'-didehydrothymidine**see *Benzoyl stavudine*, NB15927 on page 112**N-Benzoyl-2'-deoxy-5'-dimethoxytrityl-adenosine-3'-[[B-thiobenzoyl-ethyl)-(1-pyrrolidinyl)]-thiophosphoramidite**see *N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine 3'-thiophosphoramidite*, NB46054 on page 99**N-Benzoyl-2'-deoxy-5'-dimethoxytrityl-cytidine-3'-[[B-thiobenzoyl-ethyl)-(1-pyrrolidinyl)]-thiophosphoramidite**see *N4-Benzoyl-2'-deoxy-5'-O-DMT-cytidine 5'-thiophosphoramidite*, NB46055 on page 101**N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine 3'-phosphonate triethylammonium salt**C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>8</sub>P·C<sub>6</sub>H<sub>16</sub>N 822.89

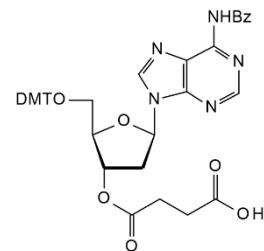
NB10416	250mg	\$105.00
	500mg	\$185.00
	1g	\$315.00

**N6-Benzoyl-2'-deoxy-5'-O-DMT adenosine-3'-Q Linker CPG 1000 Å**

NB11617	250mg	\$60.00
	500mg	\$100.00
	1g	\$157.50

**N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine 3'-O-succinate triethylammonium salt**[74405-42-8] C<sub>42</sub>H<sub>39</sub>N<sub>5</sub>O<sub>9</sub>·C<sub>6</sub>H<sub>15</sub>N 858.98

NB10413	1g	\$85.00
	2g	\$166.00
	3g	\$243.00



**N6-Benzoyl-3'-deoxy-5'-O-DMT-adenosine 2'-O-succinoyl-long chain alkylamino-CPG**

• 3'-dA-CPG

NB39290

Price On Application

**N5-Benzoyl-2'-deoxy-5'-O-DMT-adenosine 3'-succinyl CPG 500 Å**

NB11627

500mg	\$75.00
1g	\$126.00
2g	\$180.00

**N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine 3'-succinyl CPG 1400 Å**

NB11607

1g	\$126.00
5g	\$367.50
10g	\$630.00

**N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine 3'-succinyl CPG 2000 Å**

NB11616

250mg	\$60.00
500mg	\$100.00
1g	\$157.50

**N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine 3'-thiophosphoramidite**

• N-Benzoyl-2'-deoxy-5'-dimethoxytrityl-adenosine-3'-[(B-thiobenzoyl-ethyl)-(1-pyrroldinyl)]-thiophosphoramidite

C<sub>51</sub>H<sub>51</sub>N<sub>6</sub>O<sub>7</sub>PS<sub>2</sub> 955.09

NB46054

250mg

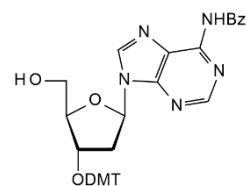
\$475.00

**N6-Benzoyl-2'-deoxy-3'-O-DMT-adenosine**

[140712-79-4]

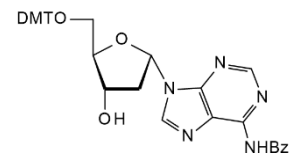
NB06925

500mg	\$450.00
1g	\$755.00
2g	\$780.00

**N6-Benzoyl-2'-deoxy-5'-O-DMT-a-adenosine**C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>6</sub> 657.73

NB08529

10mg	\$131.30
25mg	\$262.50
50mg	\$420.00



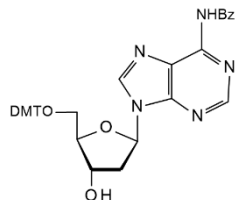
## Benzoyldeoxy

## N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine

- 5'-O-DMT-N6-benzoyl-2'-deoxy-D-adenosine
- N6-Benzoyl-5'-O-DMT-2'-deoxy-D-adenosine

[64325-78-6] C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>6</sub> 657.71

NB02601	5g	\$70.00
	10g	\$110.00
	25g	\$225.00



## N6-Benzoyl-3'-deoxy-5'-O-DMT-adenosine

[84138-86-3] C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>6</sub> 657.71

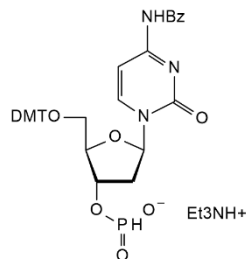
NB31304	50mg	\$131.50
	100mg	\$231.00
	250mg	\$500.00



## N4-Benzoyl-2'-deoxy-5'-O-DMT-cytidine 3'-phosphonate triethylammonium salt

C<sub>37</sub>H<sub>35</sub>N<sub>3</sub>O<sub>5</sub>P·C<sub>6</sub>H<sub>15</sub>N 798.86

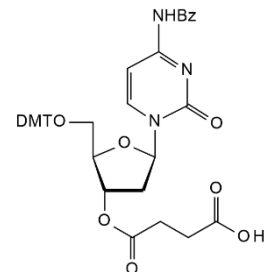
NB10415	250mg	\$105.00
	500mg	\$185.00
	1g	\$315.00



## N4-Benzoyl-2'-deoxy-5'-O-DMT-cytidine 3'-O-succinate triethylamine salt

C<sub>41</sub>H<sub>39</sub>N<sub>3</sub>O<sub>10</sub>·C<sub>6</sub>H<sub>15</sub>N 834.95

NB10414	250mg	\$50.00
	500mg	\$85.00
	1g	\$150.00



## N4-Benzoyl-2'-deoxy-5'-O-DMT-cytidine 3'-succinyl CPG 1000 Å

NB11645	1g	\$84.00
	5g	\$367.50
	10g	\$630.00



## N4-Benzoyl-2'-deoxy-5'-O-DMT-cytidine 3'-succinyl CPG 1400 Å

NB11619	250mg	\$100.00
	500mg	\$175.00
	1g	\$262.50



## N4-Benzoyl-2'-deoxy-5'-O-DMT-cytidine 3'-succinyl CPG 500 Å

NB11613	500mg	\$85.00
	1g	\$126.00
	2g	\$200.00





**N4-Benzoyl-2'-deoxy-5'-O-DMT-cytidine 5'-thiophosphoramidite**

• N-Benzoyl-2'-deoxy-5'-dimethoxytrityl-cytidine-3'-[(B-thiobenzoyl-ethyl)-(1-pyrrolidinyl)]-thiophosphoramidite

$C_{50}H_{51}N_4O_8PS_2$  931.07

NB46055

250mg

\$475.00

**N4-Benzoyl-2'-deoxy-5'-O-DMT-cytidine**

[67219-55-0]  $C_{37}H_{35}N_3O_7$  633.69

NB02600

5g

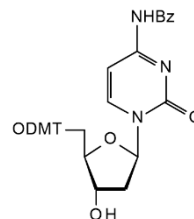
\$50.00

10g

\$80.00

25g

\$150.00

**N4-Benzoyl-2'-deoxy-3'-O-DMT-cytidine**

NB06922

25mg

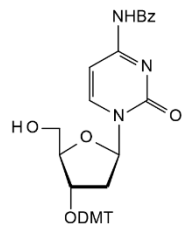
\$50.00

50mg

\$80.00

100mg

\$140.00

**N4-Benzoyl-3'-deoxy-5'-O-DMT-cytidine**

[86234-45-9]  $C_{37}H_{35}N_3O_7$  633.69

NB02459

10mg

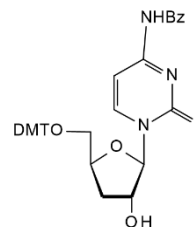
\$157.50

25mg

\$262.50

50mg

\$420.00

**N4-Benzoyl-2'-deoxy-5'-O-DMT-a-cytidine**

$C_{37}H_{35}N_3O_7$  633.71

NB08528

5mg

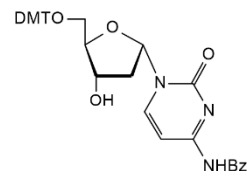
\$75.00

10mg

\$125.00

25mg

\$210.00

**N2-Benzoyl-9-(2'-deoxy-5'-O-DMT-2'-deoxy-b-D-ribofuranosyl)purine**

$C_{38}H_{35}N_5O_6$  657.71

NB08322

50mg

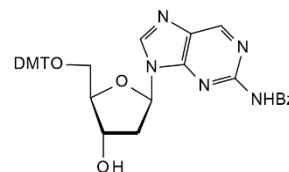
\$157.50

100mg

\$263.00

250mg

\$420.00



## Benzoyldeoxy

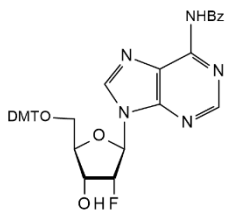
## N6-Benzoyl-2'-deoxy-5'-O-DMT-2'-fluoroadenosine

• DMT-2'-F-Bz-dA

[136834-21-4] C<sub>38</sub>H<sub>34</sub>FN<sub>5</sub>O<sub>6</sub> 675.72

NB08366

250mg	\$75.00
500mg	\$125.00
1g	\$220.00



## N6-Benzoyl-3'-deoxy-5'-O-DMT-3'-fluoroadenosine

NB63548

Price On Application

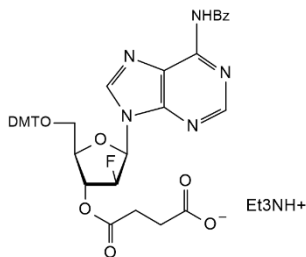


## N6-Benzoyl-9-(2'-deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)adenine 3'-O-succinate triethylammonium salt

C<sub>42</sub>H<sub>38</sub>FN<sub>5</sub>O<sub>9</sub>·C<sub>6</sub>H<sub>16</sub>N 878

NB08474

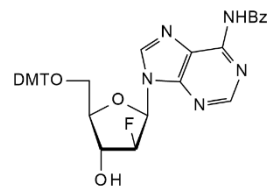
5mg	\$63.00
10mg	\$99.80
25mg	\$157.50



## N6-Benzoyl-9-(2'-deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)adenine

NB08473

5mg	\$94.50
10mg	\$136.50
25mg	\$210.00

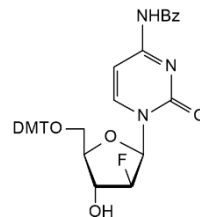


## N4-Benzoyl-1-(2'-deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)cytosine

C<sub>37</sub>H<sub>34</sub>FN<sub>3</sub>O<sub>7</sub> 651.7

NB08469

10mg	\$63.00
25mg	\$94.50
50mg	\$157.50

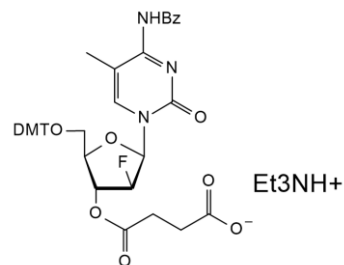


## N4-Benzoyl-1-(2'-deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)-5-methylcytosine-3'-O-succinate triethylammonium salt

C<sub>42</sub>H<sub>40</sub>FN<sub>3</sub>O<sub>10</sub>·C<sub>6</sub>H<sub>16</sub>N 868

NB08467

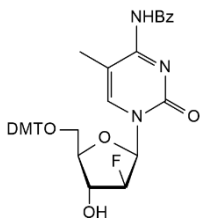
10mg	\$94.50
25mg	\$157.50
50mg	\$262.50



**N4-Benzoyl-1-(2'-deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)-5-methylcytosine**C<sub>38</sub>H<sub>36</sub>FN<sub>3</sub>O<sub>7</sub> 665.72

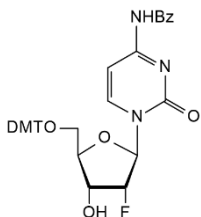
NB08466

10mg	\$94.50
25mg	\$157.50
50mg	\$262.50

**N4-Benzoyl-2'-deoxy-5'-O-DMT-2'-fluorocytidine**C<sub>37</sub>H<sub>34</sub>FN<sub>3</sub>O<sub>7</sub> 651.7

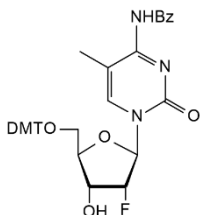
NB08367

250mg	\$50.00
500mg	\$95.00
1g	\$180.00

**N4-Benzoyl-2'-deoxy-5'-O-DMT-2'-fluoro-5-methylcytidine**C<sub>38</sub>H<sub>36</sub>FN<sub>3</sub>O<sub>7</sub> 665.72

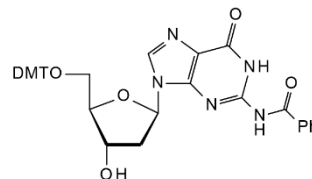
NB08515

25mg	\$90.00
50mg	\$165.00
100mg	\$295.00

**N2-Benzoyl-2'-deoxy-5'-O-DMT-guanosine**[109464-23-5] C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>7</sub> 673.71

NB01948

10g \$3000.00

**N4-Benzoyl-2'-deoxy-5'-O-DMT-3'-O-(methanesulfonyl)cytidine**

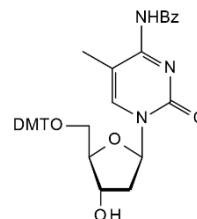
NB145739

50mg	\$50.00
100mg	\$460.00
250mg	\$1025.00

**N4-Benzoyl-2'-deoxy-5'-O-DMT-5-methylcytidine**[104522-82-2] C<sub>38</sub>H<sub>37</sub>N<sub>3</sub>O<sub>7</sub> 647.72

NB03006

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

**N4-Benzoyl-2'-deoxy-5'-O-DMT-5-(octa-1,7-diyndyl)cytidine**

NB145745

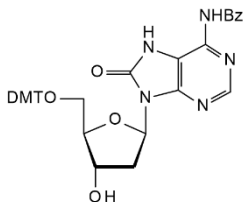
100mg	\$50.00
250mg	\$115.00
500mg	\$210.00



**Benzoyldeoxy****N6-Benzoyl-2'-deoxy-5'-O-DMT-8-oxo-adenosine**C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>7</sub> 673.71

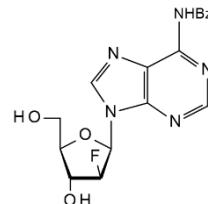
NB10390

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00

**N6-Benzoyl-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)adenine**C<sub>17</sub>H<sub>16</sub>FN<sub>5</sub>O<sub>4</sub> 373.35

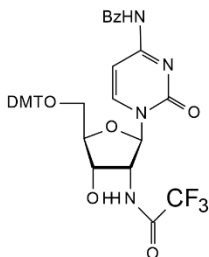
NB08472

5mg	\$47.30
10mg	\$89.30
25mg	\$136.50

**N4-Benzoyl-2'-deoxy-5'-O-DMT-2'-trifluoroacetamidocytidine**C<sub>39</sub>H<sub>35</sub>F<sub>3</sub>N<sub>4</sub>O<sub>8</sub> 744.71

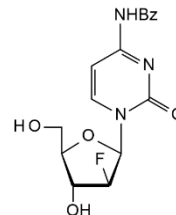
NB08250

Price On Application

**N4-Benzoyl-1-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)cytosine**C<sub>16</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>5</sub> 349.32

NB08465

10mg	\$60.00
25mg	\$95.00
50mg	\$160.00

**N6-Benzoyl-2'-deoxy-2'-fluoroadenosine**[136834-20-3] C<sub>17</sub>H<sub>16</sub>FN<sub>5</sub>O<sub>4</sub> 373.34

NB46150

250mg	\$95.00
500mg	\$150.00
1g	\$250.00

**N4-Benzoyl-2'-deoxy-2'-fluorocytidine**C<sub>16</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>5</sub> 349.31

NB57534

Price On Application

**N6-Benzoyl-3'-deoxy-3'-fluoroadenosine**

[129054-67-7]

NB61549

50mg	\$1250.00
100mg	\$2075.00
250mg	\$3250.00

**(2'R)-N-Benzoyl-2'-deoxy-2'-fluoro-2'-methylcytidine 3',5'-d**[817204-32-3] C<sub>31</sub>H<sub>26</sub>FN<sub>3</sub>O<sub>7</sub> 571.55

NB98842

Price On Application



**N6-Benzoyl-9-(3'-O-Deoxy-3'-fluoro-3'-D-xylofuranosyl)adenine**

NB137584

Price On Application

**N4-Benzoyl-1-(3'-Deoxy-3'-fluoro-b-D-xylofuranosyl)cytosine**

NB137582

Price On Application

**5'-O-Benzoyl-2'-deoxyinosine**

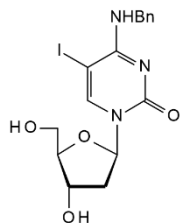
NB145906

25mg	\$50.00
50mg	\$80.00
100mg	\$130.00

**N4-Benzoyl-2'-deoxy-5-iodocytidine**[158042-39-8] C<sub>16</sub>H<sub>18</sub>IN<sub>3</sub>O<sub>4</sub> 443.24

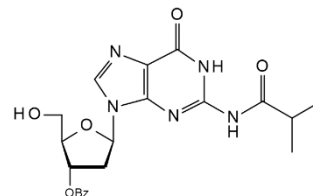
NB09266

1g	\$325.00
2g	\$450.00
5g	\$750.00

**3'-O-Benzoyl-2'-deoxy-N2-isobutyrylguanosine**[63660-23-1] C<sub>21</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 441.44

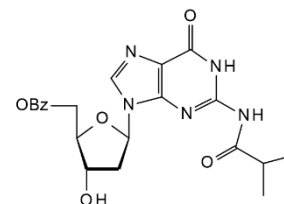
NB08023

50mg	\$85.00
100mg	\$125.00
250mg	\$225.00

**5'-O-Benzoyl-2'-deoxy-N2-isobutyrylguanosine**C<sub>21</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 441.45

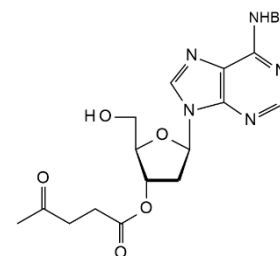
NB06917

25mg	\$95.00
50mg	\$150.00

**N6-Benzoyl-2'-deoxy-3'-O-levulinoyladenine**C<sub>22</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 453.46

NB06923

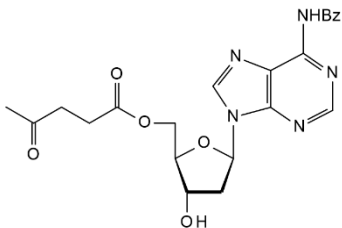
Price On Application



**Benzoyldeoxy****N6-Benzoyl-2'-deoxy-5'-O-levulinoyladenine**C<sub>22</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 453.46

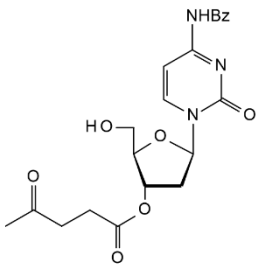
NB06924

Price On Application

**N4-Benzoyl-2'-deoxy-3'-O-levulinoylcytidine**C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>7</sub> 429.43

NB06920

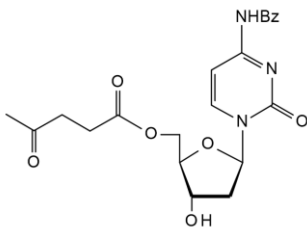
Price On Application

**N4-Benzoyl-2'-deoxy-5'-O-levulinoylcytidine**C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>7</sub> 429.43

NB06921

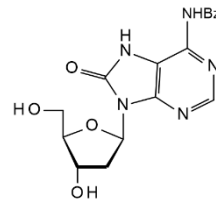
1g

\$60.00

**N6-Benzoyl-2'-deoxy-8-oxoadenosine**[142948-08-1] C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 371.35

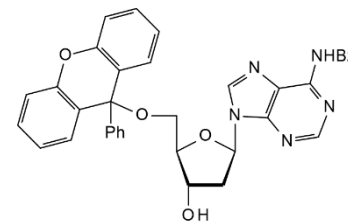
NB08306

25mg	\$100.00
50mg	\$168.00
100mg	\$310.00

**N6-Benzoyl-2'-deoxy-5'-O-pixyladenosine**C<sub>36</sub>H<sub>29</sub>N<sub>5</sub>O<sub>5</sub> 611.66

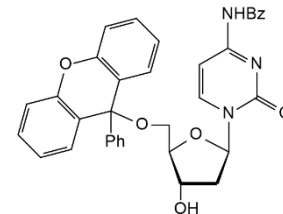
NB08553

25mg	\$84.00
50mg	\$157.50
100mg	\$1575.00

**N4-Benzoyl-2'-deoxy-5'-O-pixylcytidine**C<sub>35</sub>H<sub>29</sub>N<sub>3</sub>O<sub>6</sub> 587.64

NB08554

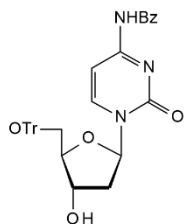
Price On Application



**N4-Benzoyl-2'-deoxy-5'-O-tritylcytidine**C<sub>35</sub>H<sub>31</sub>N<sub>5</sub>O<sub>5</sub> 573.65

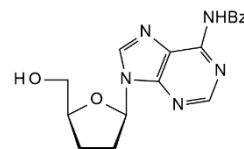
NB08967

Price On Application

**N6-Benzoyl-2',3'-dideoxyadenosine**C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>3</sub> 339.36

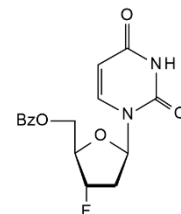
NB08369

50mg	\$210.00
100mg	\$394.00
250mg	\$787.50

**5'-O-Benzoyl-2',3'-dideoxy-3'-fluorouridine**C<sub>16</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>5</sub> 334.35

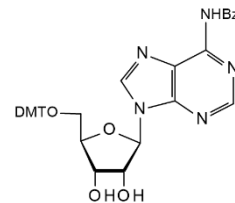
NB08204

Price On Application

**N6-Benzoyl-5'-O-DMT-adenosine**[81246-82-4] C<sub>38</sub>H<sub>35</sub>N<sub>5</sub>O<sub>7</sub> 673.73

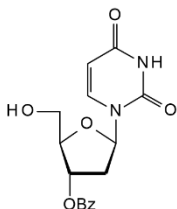
NB07167

1g	\$65.00
2g	\$110.00
5g	\$175.00

**3'-O-Benzoyl-2'-deoxyuridine**

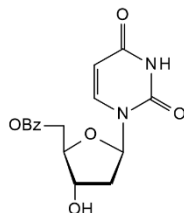
NB08368

500mg	\$95.00
1g	\$168.00
2g	\$315.00

**5'-O-Benzoyl-2'-deoxyuridine**C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 332.32

NB09433

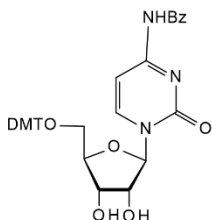
Price On Application



**BenzoylDMTcy****N4-Benzoyl-5'-O-DMT-cytidine**[81246-76-6] C<sub>37</sub>H<sub>35</sub>N<sub>3</sub>O<sub>8</sub> 649.69

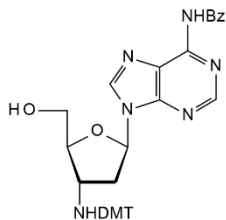
NB04589

500mg	\$95.00
1g	\$157.50
2g	\$262.50

**N6-Benzoyl-5'-O-DMT-2'-deoxy-D-adenosine**see *N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine*, NB02601 on page 100**N6-Benzoyl-3'-N-DMT-2',3'-dideoxyadenosine**C<sub>38</sub>H<sub>36</sub>N<sub>6</sub>O<sub>5</sub> 656.75

NB09434

Price On Application

**N4-Benzoyl-5'-O-DMT-2'-O-(2-methoxyethyl)cytidine**

• 5'-O-DMT-2'-MOE-C(Bz)

[251647-49-1] C<sub>40</sub>H<sub>41</sub>N<sub>5</sub>O<sub>9</sub> 707.77

NB36301

500mg	\$175.00
1g	\$235.00
2g	\$450.00

**N4-Benzoyl-5'-O-DMT-2'-O-(2-Methoxyethyl)-5-methylcytidine**

• DMT-2'-O-MOE-C(Bz)

[182496-01-1] C<sub>41</sub>H<sub>43</sub>N<sub>5</sub>O<sub>9</sub> 721.79

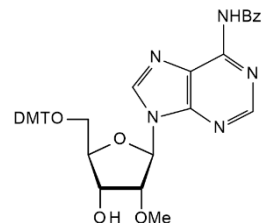
NB36300

500mg	\$225.00
1g	\$350.00
2g	\$625.00

**N6-Benzoyl-5'-O-DMT-2'-O-methyladenosine**[110764-72-2] C<sub>39</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub> 687.76

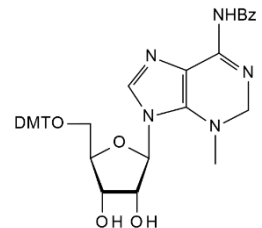
NB08555

250mg	\$50.00
500mg	\$85.00
1g	\$150.00

**N6-Benzoyl-5'-O-DMT-N3-methyladenosine**C<sub>39</sub>H<sub>39</sub>N<sub>5</sub>O<sub>7</sub> 689.77

NB08557

Price On Application

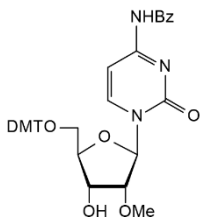




**N4-Benzoyl-5'-O-DMT-2'-O-methylcytidine**[110764-74-4] C<sub>38</sub>H<sub>37</sub>N<sub>3</sub>O<sub>8</sub> 663.72

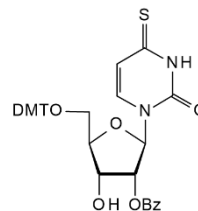
NB08370

500mg	\$125.00
1g	\$190.00
2g	\$300.00

**2'-O-Benzoyl-5'-O-DMT-4-thiouridine**C<sub>37</sub>H<sub>34</sub>N<sub>2</sub>O<sub>6</sub>S 666.76

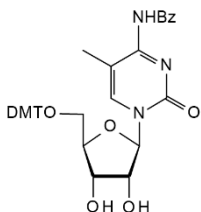
NB09435

50mg	\$157.50
100mg	\$294.00
250mg	\$577.50

**N4-Benzoyl-5'-O-DMT-5-methylcytidine**C<sub>38</sub>H<sub>37</sub>N<sub>3</sub>O<sub>8</sub> 663.73

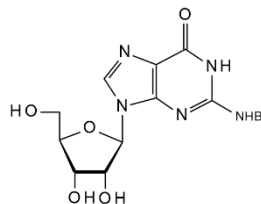
NB09436

100mg	\$50.00
250mg	\$95.00
500mg	\$175.00

**N2-Benzoylguanosine**[3676-72-0] C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>6</sub> 387.35

NB06331

250mg	\$67.50
500mg	\$105.00
1g	\$189.00



Refs: McLaughlin LW, et al,

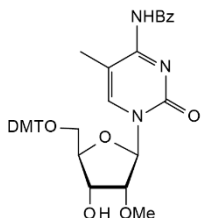
**N4-Benzoyl-5'-O-DMT-2'-O-methyl-5-methylcytidine**

• N4-Bz-5-Me-DMT-2'-O-Me-C

C<sub>39</sub>H<sub>39</sub>N<sub>3</sub>O<sub>8</sub> 677.74

NB09205

250mg	\$87.50
500mg	\$150.00
1g	\$250.00

**N6-Benzoyl-8-hydroxy-2'-O-methyladenosine**

NB145742

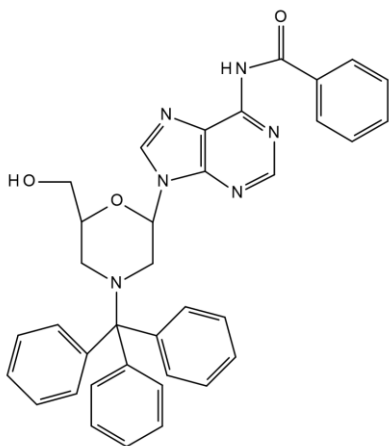
Price On Application

**N-Benzoyl-5'-O-DMTR-2'-O-(2-methoxyethyl)-adenosine**see *N-Benzoyl-5'-O-(bis(4-methoxyphenyl)phenylmethyl)-2'-O-(2-methoxyethyl)adenosine*, NB16316 on page 111

## Benzoylhydro

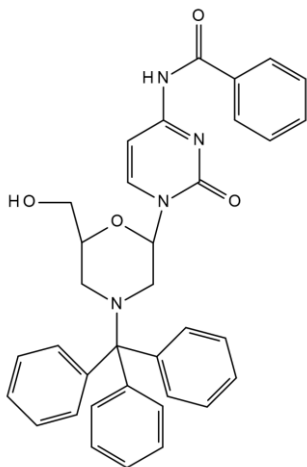
## N6-Benzoyl-7'-hydroxymorpholino adenosine monomer

[956139-16-5]  $C_{36}H_{32}N_6O_3$  596.68  
 NB138535 2g \$1500.00



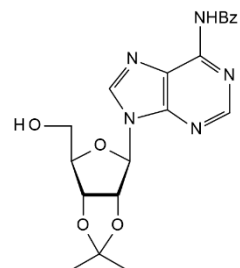
## N4-Benzoyl-7'-hydroxymorpholino cytidine monomer

[125515-31-3]  $C_{35}H_{32}N_4O_4$  572.65  
 NB138534 2g \$1300.00



## N6-Benzoyl-2',3'-isopropylideneadenosine

$C_{20}H_{21}N_5O_5$  411.41  
 NB08544 1g \$80.00  
 2g \$150.00  
 5g \$325.00



## 5-O-Benzoyl-1,2-O-isopropylidene-3-O-methyl-α-D-xylofuranose

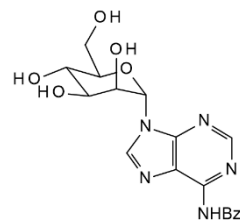
NB137592

Price On Application



## N6-Benzoyl-9-(α-D-mannopyranosyl)adenine

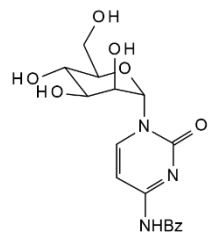
$C_{18}H_{19}N_5O_6$  401.37  
 NB09534 25g \$3019.00  
 50g \$5250.00  
 100g \$9135.00



**N4-Benzoyl-1-( $\alpha$ -D-mannopyranosyl)cytosine**C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>7</sub> 377.35

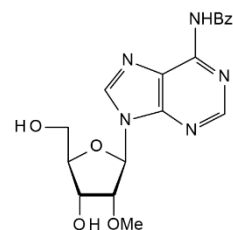
NB09533

25g	\$3019.00
50g	\$5250.00
100g	\$9135.00

**N6-Benzoyl-2'-O-methyladenosine**[85079-00-1] C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 385.37

NB57530

1g	\$160.00
2g	\$290.00
5g	\$575.00

**N-Benzoyl-5'-O-(bis(4-methoxyphenyl)phenylmethyl)-2'-O-(2-methoxyethyl)adenosine**

• N-Benzoyl-5'-O-DMTR-2'-O-(2-methoxyethyl)-adenosine

[251647-48-0] C<sub>41</sub>H<sub>41</sub>N<sub>5</sub>O<sub>8</sub> 731.79

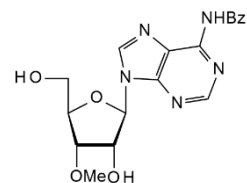
NB16316

500mg	\$425.00
1g	\$650.00
2g	\$1100.00

**N6-Benzoyl-3'-O-methyladenosine**C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 385.37

NB08332

50mg	\$110.50
100mg	\$200.00
250mg	\$455.00

**N6-Benzoyl-2'-C-methyladenosine**

NB137591

Price On Application

**N4-Benzoyl-2'-C-methylcytidine**

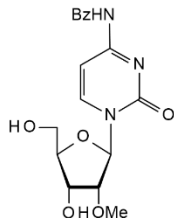
NB137590

Price On Application

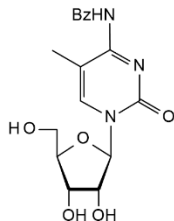


**Benzoylmethy****N4-Benzoyl-2'-O-methylcytidine**[52571-45-6] C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>O<sub>6</sub> 361.35

NB06418	1g	\$85.00
	2g	\$150.00
	5g	\$250.00

**N4-Benzoyl-5-methylcytidine**C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>O<sub>6</sub> 361.35

NB08333	250mg	\$120.00
	500mg	\$210.00
	1g	\$315.00

**N6-Benzoyl-9-(3'-O-methyl-b-D-xylofuranosyl)adenine**

NB137578

Price On Application

**N4-Benzoyl-1-(3-O-methyl-b-D-xylofuranosyl)cytosine**

NB137576

Price On Application

**N6-Benzoyl-7'-OH-N-trityl morpholino adenosine**

[956139-16-5]

NB138671	5g	\$3250.00
	10g	\$5200.00

**N4-Benzoyl-7'-OH-N-trityl morpholino cytosine**

[125515-31-3]

NB138670	5g	\$2500.00
	10g	\$3950.00

**3-Benzoylpyridine**

• Phenyl 3-pyridyl ketone

[5424-19-1] C<sub>12</sub>H<sub>9</sub>NO 183.21

NB70237	10g	\$50.00
	25g	\$72.50
	50g	\$130.00

**Benzoyl stavudine**

• 5'-Benzoyl-3'-deoxy-2',3'-didehydrothymidine

[122567-97-9] C<sub>17</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub> 328.32

NB15927	100mg	\$1250.00
	250mg	\$1875.00
	500mg	\$2500.00

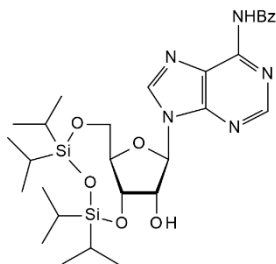


**N6-Benzoyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)adenosine**

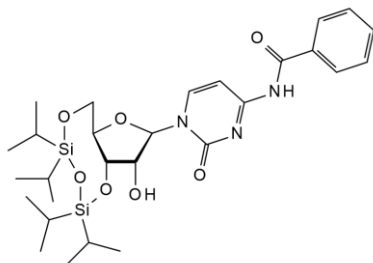
- N6-Benzoyl-3',5'-O-TIPPS-adenosine
- 3',5'-O-TIPPS-N6-benzoyl-adenosine

[79154-57-7] C<sub>29</sub>H<sub>43</sub>N<sub>5</sub>O<sub>6</sub>Si<sub>2</sub> 613.87

NB09330	1g	\$65.00
	2g	\$110.00
	5g	\$195.00

**N4-Benzoyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)cytidine**[69304-43-4] C<sub>28</sub>H<sub>43</sub>N<sub>3</sub>O<sub>7</sub>Si<sub>2</sub> 589.83

NB12322	1g	\$78.00
	2g	\$125.00
	5g	\$250.00

**N4-Benzoyl-1-(b-L-threonyl)cytosine**

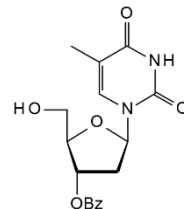
NB137588

Price On Application

**3'-O-Benzoylthymidine**[17331-53-2] C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub> 346.34

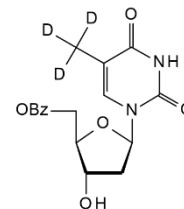
NB08509

500mg	\$95.00
1g	\$165.00
2g	\$315.00

**5'-O-Benzoyl-D3-thymidine**C<sub>17</sub>H<sub>15</sub>N<sub>2</sub>O<sub>6</sub>D<sub>3</sub> 349.36

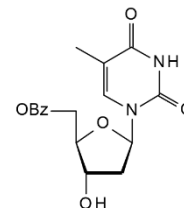
NB08970

Price On Application

**5'-O-Benzoylthymidine**[65475-51-6] C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub> 346.34

NB08969

Price On Application

**N6-Benzoyl-3',5'-O-TIPPS-adenosine**

see N6-Benzoyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)adenosine, NB09330 on page 113

**Benzyltrity****N6-Benzoyl-5'-O-trityl-adenosine**C<sub>36</sub>H<sub>31</sub>N<sub>5</sub>O<sub>5</sub> 613.66

NB57523

Price On Application

**N4-Benzoyl-5'-O-Trityl-cytidine**C<sub>35</sub>H<sub>31</sub>N<sub>5</sub>O<sub>6</sub> 589.64

NB57524

Price On Application

**N6-Benzyladenosine 5'-O-diphosphate sodium salt**

• 6-Bn-ADP

[40811-89-0] C<sub>17</sub>H<sub>21</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub> 517.32

NB45915

1mg	\$225.00
2mg	\$290.00
5mg	\$675.00

**N6-Benzyladenosine 5'-monophosphate sodium salt**

• 6-Benzylamino-9-b-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate

[13484-66-7] C<sub>17</sub>H<sub>18</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>7</sub>·H<sub>2</sub>O 499.32

NB30216

1mg	\$295.00
2mg	\$420.00
5mg	\$975.00

**N6-Benzyladenosine 5'-O-triphosphate sodium salt**[40922-97-2] C<sub>17</sub>H<sub>22</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 597.3

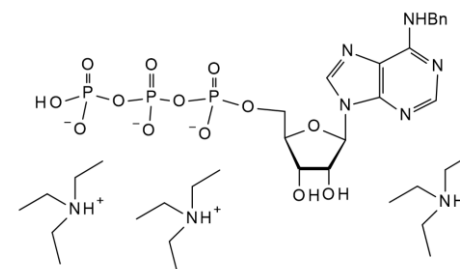
NB45917

1mg	\$325.00
2mg	\$430.00
5mg	\$975.00

**N6-Benzyladenosine triphosphate triethylammonium salt**[40922-97-2] C<sub>19</sub>H<sub>26</sub>N<sub>5</sub>O<sub>11</sub>P<sub>3</sub>·C<sub>18</sub>H<sub>48</sub>N<sub>3</sub> 899.95

NB04595

Price On Application

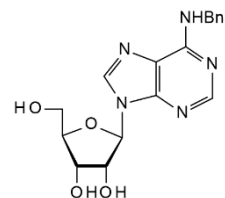
**N6-Benzyladenosine**

• 6-Benzylaminopurine riboside

[4294-16-0] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>4</sub> 357.36

NB06325

250mg	\$50.00
500mg	\$90.00
1g	\$130.00



Refs: Strnad M, J. Plant Growth Reg. 1996, 15, 4, p179-188



B

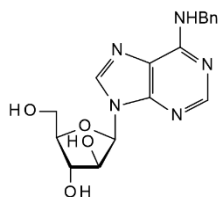
**6-Benzylamino-9-(b-D-arabinofuranosyl)purine**

• 9-(b-D-Arabinofuranosyl)-6-benzylaminopurine

C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>4</sub> 357.37

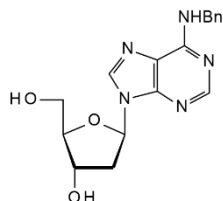
NB06159

100mg	\$105.00
500mg	\$265.00
1g	\$420.00

**6-Benzylamino-9-(2'-deoxy-b-D-ribofuranosyl)purine**C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>3</sub> 341.36

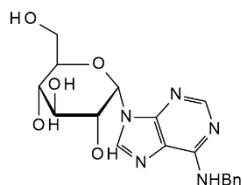
NB10030

100mg	\$126.00
250mg	\$210.00
500mg	\$315.00

**6-Benzylamino-9-(2'-deoxy-b-D-ribofuranosyl)purine**see *N6-Benzyl-2-deoxyadenosine*, NB05230 on page 116**6-Benzylamino-9-(a-D-glucopyranosyl)purine**[4294-17-1] C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 387.4

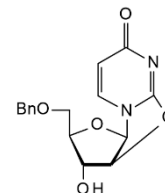
NB04599

5mg	\$157.50
10mg	\$252.00
25mg	\$577.50

**6-Benzylaminopurine riboside**see *N6-Benzyladenosine*, NB06325 on page 114**6-Benzylamino-9-b-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate**see *N6-Benzyladenosine-5'-monophosphate sodium salt*, NB30216 on page 114**5'-O-Benzyl-2,2'-anhydrouridine**C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub> 316.31

NB08298

Price On Application

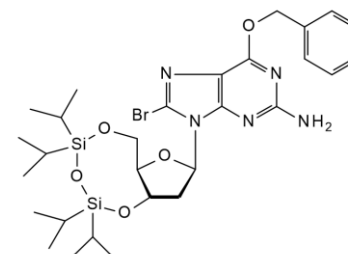
**O6-Benzyl-8-bromo-3',5'-O(1,1,3,3-tetrakis(isopropyl)-1,3-disiloxanediyl)2'-deoxyguanine**

• 8-Bromo-2'-deoxy-6-O-(phenylmethyl)-3',5'-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediyl]guanosine

[328394-26-9] C<sub>29</sub>H<sub>44</sub>BrN<sub>5</sub>O<sub>5</sub>Si<sub>2</sub> 678.77

NB18375

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

**N2-Benzyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-guanosine 3'-CE phosphoramidite**

[778611-78-2]

NB139126

Price On Application

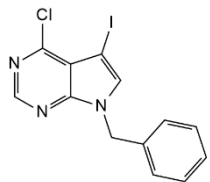


**Benzylchloro****7-Benzyl-4-chloro-5-iodo-7H-pyrrolo[2,3-d]pyrimidine**

[1244855-59-1]

NB44294

500mg	\$75.00
1g	\$119.70
2g	\$191.40

**7-Benzyl-4-chloro-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidine**

[192869-80-0] 259.73

NB57451

Price On Application

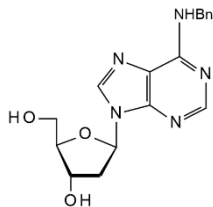
**N6-Benzyl-2-deoxyadenosine**

- 9-(2-Deoxy-b-D-ribofuranosyl)-6-benzylaminopurine
- 6-Benzylamino-9-(2'-deoxy-b-D-ribofuranosyl)purine

C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>3</sub> 341.36

NB05230

100mg	\$116.00
250mg	\$210.00
500mg	\$370.00

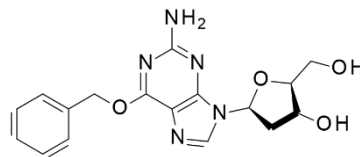
**6-O-Benzyl-2'-deoxyguanosine**

- 2'-Deoxy-6-O-(phenylmethyl)guanosine

[129732-90-7] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>4</sub> 357.36

NB16627

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

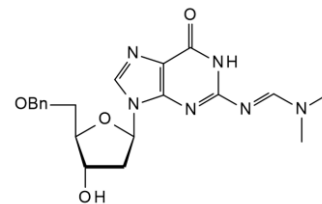


Refs: Kokkinakis, D, et al, Clin. Cancer Res, 9, 3801 (2003)

**5'-O-Benzyl-N2-DMF-2'-deoxyguanosine**C<sub>20</sub>H<sub>24</sub>N<sub>6</sub>O<sub>4</sub> 412.44

NB10283

Price On Application

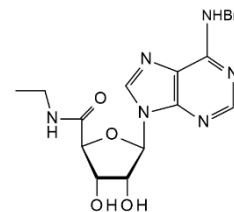
**N6-Benzyl-5'-ethylcarboxamidoadenosine**

- N6-Benzyl-NECA
- 1-Deoxy-N-ethyl-1-[6-[(phenylmethyl)amino]-9H-purin-9-yl]-b-D-ribofuranuronamide

[152918-32-6] C<sub>19</sub>H<sub>22</sub>N<sub>6</sub>O<sub>4</sub> 398.42

NB06327

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



Refs: Gallo-Rodriguez, et al, J. Med. Chem. 1994, 37, p636



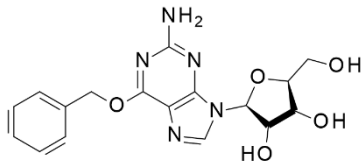
**O6-Benzyl guanosine**

- O6-Benzylguanosine
- 2-Amino-6-(benzyloxy)-9-β-D-ribofuranosyl-purine
- 6-O-(Phenylmethyl)guanosine

[4552-61-8] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 373.36

NB16621

10mg	\$139.80
25mg	\$254.50
50mg	\$462.00

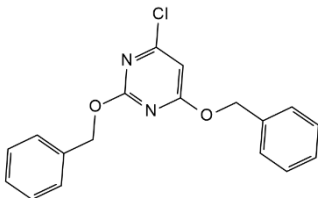


Refs: Hebert, M, et al, J. Biol. Chem, 273, 5557 (1998)

**O6-Benzylguanosine**see *O6-Benzyl guanosine*, NB16621 on page 117**6-Benzyl-4-hydroxy-2-mercaptopyrimidine**see *6-Benzyl-2-thiouracil*, NB67066 on page 118**N6-Benzyl-NECA**see *N6-Benzyl-5'-ethylcarboxamidoadenosine*, NB06327 on page 116**2,4-bis(Benzyloxy)-6-chloropyrimidine**

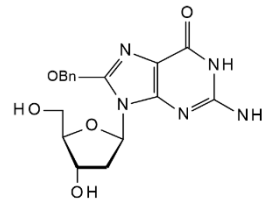
NB44331

Price On Application

**8-Benzyloxy-2'-deoxyguanosine**[96964-90-8] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 373.36

NB06296

5mg	\$90.00
10mg	\$150.00
25mg	\$300.00

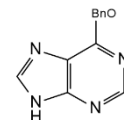


Refs: Torres MC, Varaprasad CV, Johnson F, et al, Carcinogenesis 1999, 20, 1, p167

**6-Benzylxypurine**[57500-07-9] C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>O 226.23

NB11740

Price On Application

**4-(1-Benzylpiperidin-4-Ylamino)-2-(Methylthio)Pyrimidine-5-Carboxylic Acid**[1033194-54-5] C<sub>19</sub>H<sub>22</sub>N<sub>4</sub>O<sub>2</sub>S 358.46

NB57391

25mg	\$93.00
50mg	\$186.00
100mg	\$298.00

**2-Benzylthio-6-chloropurine**[51998-91-5] C<sub>15</sub>H<sub>9</sub>ClN<sub>4</sub>S 416.24

NB29023

Price On Application



**Benzylthiour****6-Benzyl-2-thiouracil**

• 6-Benzyl-4-hydroxy-2-mercaptopyrimidine

[6336-50-1] C<sub>11</sub>H<sub>10</sub>N<sub>2</sub>OS 218.279

NB67066	250mg	\$57.50
	500mg	\$90.00
	1g	\$144.00

**Biotin-5-cytidine-5'-triphosphate lithium salt - 1 mM aqueous solution**

• Biotin-5-CTP

C<sub>22</sub>H<sub>35</sub>N<sub>6</sub>O<sub>16</sub>P<sub>3</sub>S·xLi 764.53 (free acid basis)

NB32057	250ug	\$375.00
	500ug	\$625.00
	750ug	\$787.50

**Biotin-16-AA-CTP**see *Biotin-16-cytidine-5'-triphosphate lithium salt - 1 mM aqueous solution, NB32055 on page 118***Biotin-11-CTP.Li**see *Biotin-11-cytidine-5'-triphosphate lithium salt - 1 mM aqueous solution, NB32056 on page 118***Biotin-5-CTP**see *Biotin-5-cytidine-5'-triphosphate lithium salt - 1 mM aqueous solution, NB32057 on page 118***Biotin-11-cytidine-5'-triphosphate lithium salt - 1mM aqueous solution**

• Biotin-11-CTP.Li

C<sub>28</sub>H<sub>46</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S·xLi 877.69 (free acid basis)

NB32056	800ug	\$800.00
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**Biotin-16-cytidine-5'-triphosphate lithium salt - 1 mM aqueous solution**

• Biotin-16-AA-CTP

C<sub>32</sub>H<sub>52</sub>N<sub>8</sub>O<sub>18</sub>P<sub>3</sub>S 961.79

NB32055	1mg	\$795.00
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**Biotin-18-cytidine-5'-triphosphate triethylammonium salt - 5mM aqueous solution**C<sub>34</sub>H<sub>55</sub>N<sub>8</sub>O<sub>18</sub>P<sub>3</sub>S 988.83

NB46238	250ug	\$375.00
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**Biotin-11-dCTP**see *Biotin-11-deoxycytidine-5'-triphosphate, lithium salt - 1 mM aqueous solution, NB32062 on page 118***Biotin-16-dCTP**see *Biotin-16-deoxycytidine-5'-triphosphate, lithium salt - 1 mM aqueous solution, NB32061 on page 119***Biotin-5-dCTP**see *Biotin-5-deoxycytidine-5'-triphosphate, lithium salt - 1 mM aqueous solution, NB32078 on page 119***Biotin-11-deoxycytidine-5'-triphosphate, lithium salt - 1 mM aqueous solution**

• Biotin-11-dCTP

C<sub>28</sub>H<sub>46</sub>N<sub>7</sub>O<sub>16</sub>P<sub>3</sub>S 861.69

NB32062	800ug	\$720.00
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**Biotin-16-deoxycytidine-5'-triphosphate, lithium salt - 1 mM aqueous solution**

## • Biotin-16-dCTP

C<sub>32</sub>H<sub>53</sub>N<sub>6</sub>O<sub>17</sub>P<sub>3</sub>S 946.79

NB32061 1mg \$750.00

**Biotin-5-deoxycytidine-5'-triphosphate, lithium salt - 1 mM aqueous solution**

## • Biotin-5-dCTP

C<sub>22</sub>H<sub>35</sub>N<sub>6</sub>O<sub>15</sub>P<sub>3</sub>S 748.53

NB32078 800ug \$880.00

**Biotin-16-deoxyuridine-5'-triphosphate, lithium salt - 1 mM aqueous solution**

## • Biotin-16-dUTP

C<sub>32</sub>H<sub>52</sub>N<sub>7</sub>O<sub>18</sub>P<sub>3</sub>S·xLi 947.78 (free acid basis)

NB32058 1mg \$625.00

**Biotin-5-deoxyuridine-5'-triphosphate, lithium salt - 1 mM aqueous solution**

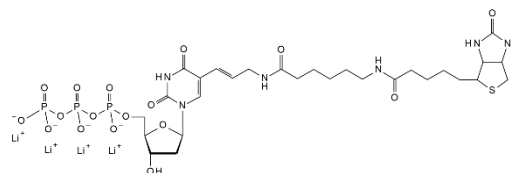
## • Biotin-5-dUTP

C<sub>22</sub>H<sub>34</sub>N<sub>6</sub>O<sub>16</sub>P<sub>3</sub>S·xLi 749.52 (free acid basis)

NB32060 Price On Application

**Biotin-11-2-deoxyuridine-5-triphosphate tetralithium salt**C<sub>24</sub>H<sub>41</sub>N<sub>6</sub>O<sub>17</sub>P<sub>3</sub>S·4Li 886.41

NB09511 1mg \$3150.00

**Biotin-11-deoxyuridine-5'-triphosphate, triethylammonium salt - 1 mM aqueous solution**

## • Biotin-11-dUTP

C<sub>34</sub>H<sub>56</sub>N<sub>7</sub>O<sub>18</sub>P<sub>3</sub>S 975.83NB32059 1mg \$350.00  
2mg \$690.00  
5mg \$1650.00**Biotin-11-dUTP**see *Biotin-11-deoxyuridine-5'-triphosphate, triethylammonium salt - 1 mM aqueous solution, NB32059* on page 119**Biotin-16-dUTP**see *Biotin-16-deoxyuridine-5'-triphosphate, lithium salt - 1 mM aqueous solution, NB32058* on page 119**Biotin-5-dUTP**see *Biotin-5-deoxyuridine-5'-triphosphate, lithium salt - 1 mM aqueous solution, NB32060* on page 119**Biotin-11-uridine-5'-triphosphate, lithium salt - 1 mM aqueous solution**

## • Biotin-11-UTP

C<sub>29</sub>H<sub>45</sub>N<sub>6</sub>O<sub>16</sub>P<sub>3</sub>S·xLi 878.67 (free acid basis)

NB32053 Price On Application



**Biotinuridin****Biotin-16-uridine-5'-triphosphate, lithium salt - 1 mM aqueous solution**

## • Biotin-16-UTP

C<sub>32</sub>H<sub>52</sub>N<sub>7</sub>O<sub>19</sub>P<sub>3</sub>S·xLi 963.78 (free acid basis)

Price On Application

NB32052

**Biotin-5-uridine-5'-triphosphate, lithium salt - 1 mM aqueous solution**

## • Biotin-5-UTP

C<sub>22</sub>H<sub>34</sub>N<sub>5</sub>O<sub>17</sub>P<sub>3</sub>S·xLi 765.52 (free acid basis)

Price On Application

NB32054

**Biotin-18-uridine-5'-triphosphate triethylammonium salt - 5mM aqueous solution**

## • Biotin-18-UTP

C<sub>33</sub>H<sub>53</sub>N<sub>7</sub>O<sub>19</sub>P<sub>3</sub>S 976.8

Price On Application

NB46239

**Biotin-11-UTP**see *Biotin-11-uridine-5'-triphosphate, lithium salt - 1 mM aqueous solution, NB32053 on page 119***Biotin-16-UTP**see *Biotin-16-uridine-5'-triphosphate, lithium salt - 1 mM aqueous solution, NB32052 on page 120***Biotin-18-UTP**see *Biotin-18-uridine-5'-triphosphate triethylammonium salt - 5mM aqueous solution, NB46239 on page 120***Biotin-5-UTP**see *Biotin-5-uridine-5'-triphosphate, lithium salt - 1 mM aqueous solution, NB32054 on page 120***12-N-biotinyl(aminododecanoyl) Coenzyme A ammonium salt**see *Biotinyl coenzyme A, NB63246 on page 120***Biotinyl coenzyme A**

## • 12-N-biotinyl(aminododecanoyl) Coenzyme A ammonium salt

C<sub>43</sub>H<sub>82</sub>N<sub>13</sub>O<sub>19</sub>P<sub>3</sub>S<sub>2</sub> 1242.24

NB63246

1mg	\$495.00
2mg	\$970.00
5mg	\$1875.00

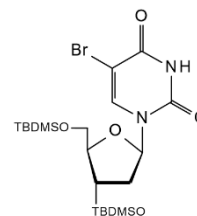
**8-(4-Biphenylamino)-2'-deoxyguanosine**see *N-(2'-Deoxyguanosin-8-yl)-4-amino(biphenyl), ND11672 on page 207***2,4-Bis(benzyloxy)-5-bromopyrimidine**see *5-Bromo-2,4-di(benzyloxy)pyrimidine, NB57419 on page 126***3',5'-Bis-O-(tert-butylidimethylsilyl)-5-bromo-2'-deoxyuridine**

## • 5-Bromo-2'-deoxy-3',5'-bis-O-[(1,1-dimethylethyl)dimethylsilyl]-uridine

[154925-95-8] C<sub>21</sub>H<sub>39</sub>BrN<sub>2</sub>O<sub>5</sub>Si<sub>2</sub> 535.62

NB16512

50mg	\$125.00
100mg	\$227.00
250mg	\$412.50



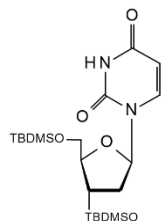
**3',5'-Bis-O-(tert-butyl dimethylsilyl)-2'-deoxyuridine**

• 2'-Deoxy-3',5'-bis-O-[(1,1-dimethylethyl)dimethylsilyl]uridine

[64911-18-8] C<sub>21</sub>H<sub>40</sub>N<sub>2</sub>O<sub>5</sub>Si<sub>2</sub> 456.72

NB18821

25mg	\$124.00
50mg	\$226.00
100mg	\$410.00



Refs: Zhang, W, et al. Chem. Res. Toxicol, 8, 148 (1995)

**1-[3,5-Bis-O-(4-chlorobenzoyl)-2-deoxy-a-D-erythro-pentofuranosyl]-5-fluoro-2,4(1H,3H)-pyrimidinedione**

see 3',5'-Di-O-p-chlorobenzoyl-2'-deoxy a-5-fluorouridine, ND22464 on page 236

**7-[3,5-Bis-O-[(2,4-dichlorophenyl)methyl]-2-C-methyl-b-D-ribofuranosyl]-4-chloro-5-iodo-7H-pyrrolo[2,3-d]pyrimidine**

[847551-25-1]

NB14088

Price On Application

**7-[3,5-Bis-O-[(2,4-dichlorophenyl)methyl]-2-C-methyl-beta-D-ribofuranosyl]-4-chloro-5-methyl-7H-pyrrolo[2,3-d]pyrimidine**

[443642-54-4]

NB14091

Price On Application

**7-[5-O-[Bis(4-methoxyphenyl)phenylmethyl]-2-deoxy-.beta.-D-erythro-pentofuranosyl]-1H-pyrrolo[2,3-d]pyrimidine-2,4(3H,7H)-dione**

see 7-Deaza-2'-deoxy-5'-O-DMT-xanthosine, ND10364 on page 165

**5'-O-[Bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-N-[2-[4-(1-methylethyl)phenoxy]acetyl]guanosine**

see 2'-Deoxy-5'-O-DMT-N2-(4-isopropylphenoxyacetyl)guanosine, ND156947 on page 187

**5'-O-[Bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-N-(2-phenoxyacetyl)adenosine**

see 2'-Deoxy-5'-O-DMT-N6-phenoxyacetyladenosine, ND08050 on page 188

**5'-O-[Bis(4-methoxyphenyl)phenylmethyl]-2'-O-(2-methoxyethyl)-N-(2-methyl-1-oxopropyl)guanosine**

see 5'-O-DMT-N2-isobutyryl-2'-O-(2-methoxyethyl)guanosine, ND31620 on page 259

**2',3'-Bis-S-(9-phenyl-9H-xanthen-9-yl)-2',3'-dithio-uridine**

see 2',3'-Di(9-phenylxanthen-9-yl)dithiouridine, ND16531 on page 253

**6-Bn-ADP**

see N6-Benzyladenosine 5'-O-diphosphate sodium salt, NB45915 on page 114

**N-Boc-5'-chloro-5'-deoxy-2,3-O-isopropylideneadenosine**

NB46266

Price On Application

**3-N-Boc-5'-O-dimethoxytrityl-3'-fluorothymidine**

[138685-99-1]

NB14259

Price On Application

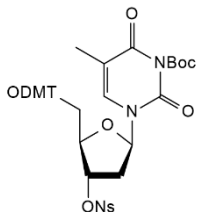


**BocDMTnosylt****3-N-Boc-5'-O-DMT-3'-O-nosylthymidine**

• 1-(2-Deoxy-3-O-(4-nitrobenzenesulfonyl)-5-O-DMT-b-D-ribofuranosyl)-3-(tert-butylloxycarbonyl)thymine

[444717-23-1] C<sub>42</sub>H<sub>43</sub>N<sub>5</sub>O<sub>13</sub>S 829.87

NB09438	100mg	\$1050.00
	250mg	\$1812.50
	500mg	\$3250.00



Refs: Mosdzianowski C, et.al, Eur. J. Med, 2001, 28, p1228

**BODIPY FL ATP-gamma-S thioester**

see Adenosine 5'-O-(3-thiotriphosphate), BODIPY FL thioester sodium salt - 5mM buffered aqueous solution, NA58152 on page 26

**Br-cADP-ribose**

see 8-Bromocyclic adenosine diphosphate ribose sodium salt, NB05042 on page 123

**5Br-dUDP**

see 5-Bromo-2'-deoxyuridine 5'-diphosphate sodium salt - 10mM aqueous solution, NB31485 on page 125

**5-BrdUMP . 2Na**

see 5-Bromo-2'-deoxyuridine-5'-monophosphate sodium salt, NB09916 on page 125

**5Br-dUTP**

see 5-Bromo-2'-deoxyuridine-5'-triphosphate sodium salt, NB31486 on page 125

**8-Br-5'-GMP**

see 8-Bromoguanosine-5'-monophosphate, NB71641 on page 127

**Brivudine**

see 5-(E)-(2-Bromovinyl)-2'-deoxyuridine, NB03851 on page 129

**8-Bromoadenine-9-b-D-ribofuranoside**

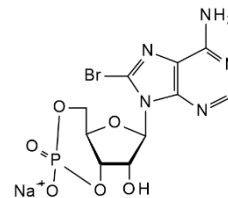
see 8-Bromoadenosine, NB03414 on page 123

**8-Bromoadenosine 3',5'-cyclic monophosphate sodium salt**

[76939-46-3] C<sub>10</sub>H<sub>10</sub>BrN<sub>5</sub>O<sub>8</sub>P·Na 430.08

NB07971

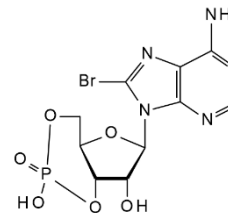
10mg	\$75.00
25mg	\$162.50
50mg	\$275.00

**8-Bromoadenosine 3',5'-cyclic monophosphate**

[23583-48-4] C<sub>10</sub>H<sub>11</sub>BrN<sub>5</sub>O<sub>8</sub>P 408.11

NB07972

50mg	\$90.00
100mg	\$150.00
250mg	\$250.00

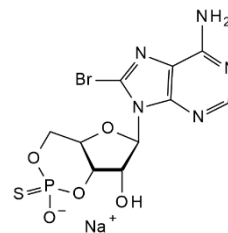
**8-Bromoadenosine 3',5'-cyclic monophosphorothioate, Rp-isomer sodium salt**

• Rp-8-Br-cAMPS

[129735-00-8] C<sub>10</sub>H<sub>10</sub>BrN<sub>5</sub>O<sub>5</sub>PS·Na 446.15

NB13568

1mg	\$250.00
2mg	\$390.00
5mg	\$900.00



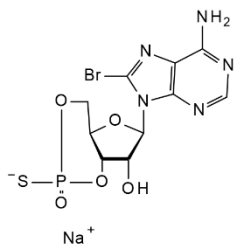
**8-Bromoadenosine 3',5'-cyclic monophosphorothioate, Sp-isomer sodium salt**

• Sp-8-Br-cAMP

[127634-20-2] C<sub>10</sub>H<sub>10</sub>BrN<sub>5</sub>O<sub>9</sub>PS-Na 446.51

NB08953

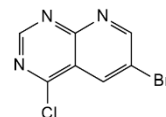
1mg	\$260.00
2mg	\$420.00
5mg	\$750.00

**6-Bromo-4-chloropyrido[2,3-d]pyrimidine**

[1215787-31-7]

NB44335

Price On Application

**5-Bromo-2-cyano-3-nitropyridine**

• 5-Bromo-3-nitropyridine-2-carbonitrile

[573675-25-9] C<sub>6</sub>H<sub>2</sub>BrN<sub>3</sub>O<sub>2</sub> 228

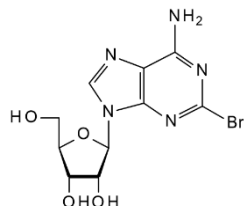
NB67409

25g	\$50.00
50g	\$95.00
100g	\$180.00

**2-Bromoadenosine**[146-76-9] C<sub>10</sub>H<sub>12</sub>BrN<sub>5</sub>O<sub>4</sub> 346.14

NB08372

2mg	\$160.00
5mg	\$300.00
10mg	\$450.00

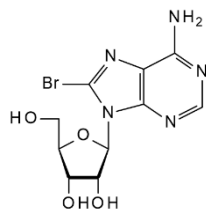
**8-Bromoadenosine**

- 6-Amino-8-bromopurine riboside
- 8-Bromoadenine-9-b-D-ribofuranoside

[2946-39-6] C<sub>10</sub>H<sub>12</sub>BrN<sub>5</sub>O<sub>4</sub> 346.14

NB03414

1g	\$47.30
2g	\$73.50
5g	\$157.50



Refs: Ikehara M, Uesugi S, Chem. Pharm. Bull. 1969

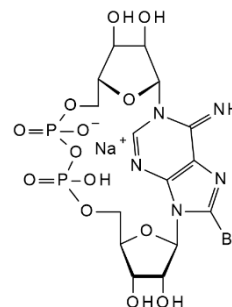
**8-Bromocyclic adenosine diphosphate ribose sodium salt**

• Br-cADP-ribose

[151898-26-9] C<sub>15</sub>H<sub>19</sub>BrN<sub>5</sub>NaO<sub>13</sub>P<sub>2</sub> 642.19

NB05042

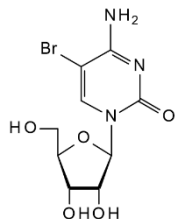
300ug	\$207.00
600ug	\$318.00
900ug	\$378.00



**Bromocytidin****5-Bromocytidine**[3066-86-2] C<sub>9</sub>H<sub>12</sub>BrN<sub>3</sub>O<sub>5</sub> 322.11

NB06281

500mg	\$80.00
1g	\$105.00
2g	\$178.50

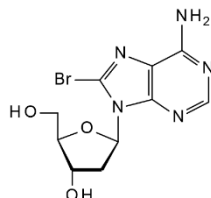


Refs: Ferrer E, Wiersma M, Kazimierczak B, Bioconjugate Chem. 1997, Vol8, No5, p757-761

**8-Bromo-2'-deoxyadenosine**[14985-44-5] C<sub>10</sub>H<sub>12</sub>BrN<sub>5</sub>O<sub>3</sub> 330.14

NB05283

250mg	\$50.00
500mg	\$90.00
1g	\$155.00

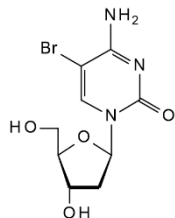


Refs: Guy AC, Duplaa AM, Harel P, et al, Helv. Chim. Acta 1988, Vol71, Issue 6, p1566-1572

**5-Bromo-2'-deoxycytidine**[1022-79-3] C<sub>9</sub>H<sub>12</sub>BrN<sub>3</sub>O<sub>4</sub> 306.11

NB06450

500mg	\$55.00
1g	\$90.00
2g	\$150.00



Refs: Sanders PG, Wilkie NM, Davison AJ, J. Gen. Virol. 1982, Vol63, p277-295

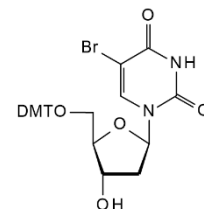
**5-Bromo-2'-deoxy-3',5'-bis-O-[(1,1-dimethylethyl)dimethylsilyl]-uridine**

see 3',5'-Bis-O-(tert-butyl)dimethylsilyl)-5-bromo-2'-deoxyuridine, NB16512 on page 120

**5-Bromo-2'-deoxy-5'-O-DMT-uridine**C<sub>30</sub>H<sub>29</sub>BrN<sub>2</sub>O<sub>7</sub> 609.48

NB08371

250mg	\$92.50
500mg	\$160.00
1g	\$294.00

**5-Bromo-2'-deoxy-2'-fluorouridine**

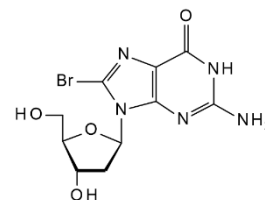
NB15625

Price On Application

**8-Bromo-2'-deoxyguanosine**[13389-03-2] C<sub>10</sub>H<sub>12</sub>BrN<sub>5</sub>O<sub>4</sub> 346.14

NB05782

500mg	\$75.00
1g	\$135.00
2g	\$250.00



Refs: Esposito et al, Org. Biomol. Chem, 2004, 2, p313; Lin J, Med. Chem, 1985, 28, p1194

**2'-Bromo-2'-deoxy-3'-O-methanesulfonyluridine**

NB15687

25mg	\$367.50
50mg	\$630.00
100mg	\$1050.00





**2-Bromo-2'-deoxy-5-methyluridine-3,5-diacetate**

NB02564

Price On Application

**8-Bromo-2'-deoxy-6-O-(phenylmethyl)-3',5'-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediyl]guanosine**see *O6-Benzyl-8-bromo-3',5'-O(1,1,3,3-tetrakis(isopropyl)-1,3-disiloxanediyl)2'-deoxyguanine*, NB18375 on page 115**5-Bromo-2'-deoxy-4-thiouridine**

[676556-11-9]

NB63589

Price On Application

**5-Bromo-deoxyuridine CPG**

NB11641

10mg	\$50.00
25mg	\$75.00
50mg	\$100.00

**5-Bromo-2'-deoxyuridine 5'-diphosphate sodium salt - 10mM aqueous solution**

• 5Br-dUDP

C<sub>8</sub>H<sub>13</sub>N<sub>2</sub>O<sub>11</sub>P<sub>2</sub>B 397.96

NB31485

0.7mg \$595.00

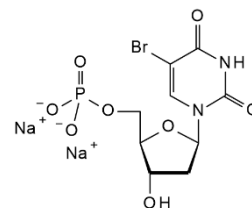
**5-Bromo-2'-deoxyuridine-5'-monophosphate sodium salt**

• 5-BrdUMP. 2Na

[51432-32-7] C<sub>9</sub>H<sub>12</sub>BrN<sub>2</sub>O<sub>8</sub>PNa<sub>2</sub> 433.06

NB09916

50mg	\$50.00
100mg	\$80.00
250mg	\$150.00

**5-Bromo-2'-deoxyuridine-5'-triphosphate sodium salt**

• 5Br-dUTP

C<sub>9</sub>H<sub>14</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub>Br 547.04

NB31486

5mg \$600.00

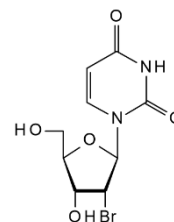
**2'-Bromo-2'-deoxyuridine**

• 2'-Bromo-D-uridine

[4753-02-0][72218-68-9] C<sub>9</sub>H<sub>11</sub>BrN<sub>2</sub>O<sub>5</sub> 307.1

NB02946

100mg	\$58.00
200mg	\$74.00
500mg	\$160.00



Refs: Robins MJ, Jones RA, Mengel R, J. Am. Chem. Soc. 1976, p8213

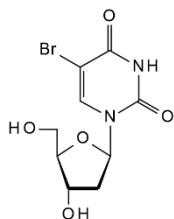


**Bromodeoxyur****5-Bromo-2'-deoxyuridine**

• 2'-Deoxy-5-bromouridine

[59-14-3] C<sub>9</sub>H<sub>11</sub>BrN<sub>2</sub>O<sub>5</sub> 307.1

NB06315	5g	\$95.00
	10g	\$170.00
	25g	\$315.00



Refs: Bonhoeffer S, Mohri H, Ho D, et al, J. Immunology 2000, 164, 10, p5049-5054; Boccadoro M, et al, Tumor 1986, 72, p135

**5-Bromo-2,4-di(benzyloxy)pyrimidine**

• 2,4-Bis(benzyloxy)-5-bromopyrimidine

[41244-53-5] C<sub>18</sub>H<sub>15</sub>BrN<sub>2</sub>O<sub>2</sub> 371.23

NB57419	250mg	\$85.00
	500mg	\$135.00
	1g	\$334.70

**4-Bromo-3,5-dichloropyridine**[343781-45-3] C<sub>5</sub>H<sub>2</sub>BrCl<sub>2</sub>N 226.89

NB67655	10g	\$52.80
	25g	\$122.50
	50g	\$196.00

**5-Bromo-2',3'-dideoxyuridine**

[28616-93-5]

NB02934

Price On Application

**5-Bromo-2-fluoronicotinic acid**

• 5-Bromo-2-fluoropyridine-3-carboxylic acid

[29241-66-5] C<sub>6</sub>H<sub>3</sub>BrFNO<sub>2</sub> 220

NB67359	2g	\$40.00
	5g	\$60.00
	10g	\$100.00

**5-Bromo-2-fluoropyridine-3-carboxylic acid**

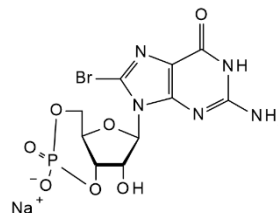
see 5-Bromo-2-fluoronicotinic acid, NB67359 on page 126

**8-Bromo-GTP**

see 8-Bromoguanosine-5'-triphosphate sodium salt - 10 mM aqueous solution, NB143914 on page 127

**8-Bromoguanosine 3',5'-cyclic monophosphate sodium salt**[51116-01-9] C<sub>10</sub>H<sub>10</sub>BrN<sub>5</sub>NaO<sub>7</sub>P 446.08

NB07973	5mg	\$89.30
	10mg	\$157.50
	25mg	\$262.50

**8-Bromoguanosine hydrate**[332359-99-6] C<sub>10</sub>H<sub>12</sub>BrN<sub>5</sub>O<sub>5</sub>·xH<sub>2</sub>O 362.14 (anhydrous basis)

NB28930	2g	\$37.80
	5g	\$78.80
	10g	\$126.00



**8-Bromoguanosine-5'-monophosphate**

• 8-Br-5'-GMP

[21870-09-7] C<sub>10</sub>H<sub>13</sub>BrN<sub>5</sub>O<sub>8</sub>P 442.12

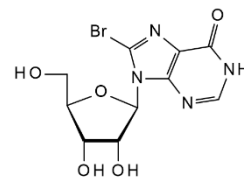
NB71641

Price On Application

**8-Bromoinosine**[55627-73-1] C<sub>10</sub>H<sub>11</sub>BrN<sub>4</sub>O<sub>5</sub> 347.13

NB08274

100mg	\$63.00
250mg	\$105.00
500mg	\$160.00

**8-Bromoguanosine-5'-triphosphate sodium salt - 10 mM aqueous solution**

• 8-Bromo-GTP

[23197-98-0] C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub>Br·xNa 602.08 (free acid basis)  
1.5mg

NB143914

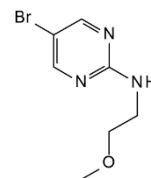
\$525.00

**5-Bromo-2-(2-methoxyethylamino)pyrimidine**

[886365-79-3]

NB44319

Price On Application

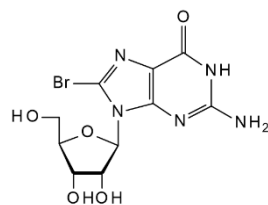
**8-Bromoguanosine**

• 2-Amino-8-bromo-6-hydroxypurine riboside

[4016-63-1] C<sub>10</sub>H<sub>12</sub>BrN<sub>5</sub>O<sub>5</sub> 362.14

NB06311

1g	\$50.00
2g	\$74.00
5g	\$100.00



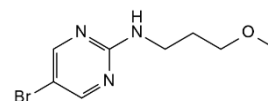
Refs: Scott JE, Zhang Pu, Hovatta O, Reproductive BioMedicine Online Vol8, No3, 03/2004, p319-324

**5-Bromo-2-(3-methoxypropylamino)pyrimidine**

[1189482-51-6]

NB44334

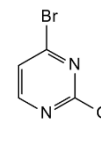
Price On Application

**4-Bromo-2-methoxypyrimidine**

[959240-72-3]

NB44324

Price On Application



**Bromomethyla****8-Bromo-2'-O-methyladenosine**

NB145743

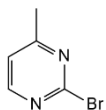
25mg	\$50.00
50mg	\$85.00
100mg	\$150.00

**2-Bromo-4-methylpyrimidine**

[130645-48-6]

NB44336

Price On Application

**5-Bromo-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine**

[443642-47-5]

NB14095

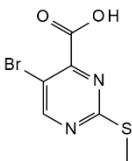
Price On Application

**5-Bromo-2-methylsulfanyl-pyrimidine-4-carboxylic acid**

[50593-92-5]

NB44268

5g	\$129.70
10g	\$207.50
25g	\$332.00

**5-Bromo-3-nitropyridine-2-carbonitrile**

see 5-Bromo-2-cyano-3-nitropyridine, NB67409 on page 123

**4-(4-Bromophenyl)pyrimidin-2-amine**

see 2-Amino-4-(4-bromophenyl)pyrimidine, NA57404 on page 39

**4-(4-Bromophenyl)pyrimidine-2-thiol**[832741-25-0] C<sub>10</sub>H<sub>7</sub>BrN<sub>2</sub>S 267.15

NB57410

250mg	\$95.00
500mg	\$150.00
1g	\$372.00

**5-Bromo-2,4-(1H,3H)-pyrimidinedione**

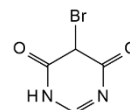
see 5-Bromouridine, NB03843 on page 129

**5-Bromopyrimidine-4,6(1H,5H)-dione**

[52176-13-3]

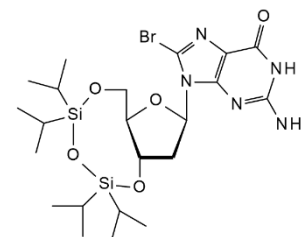
NB44313

Price On Application

**8-Bromo-9-[3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)-2'-deoxy-b-D-ribofuranosyl]guanine**C<sub>22</sub>H<sub>38</sub>BrN<sub>5</sub>O<sub>5</sub>Si<sub>2</sub> 588.64

NB04668

5mg	\$99.80
10mg	\$157.50
25mg	\$262.50

**5-Bromo-2',3',5'-tri-O-acetyluridine**

see 2',3',5'-Tri-O-acetyl-5-bromouridine, NT15543 on page 370

**2'-Bromo-D-uridine**

see 2'-Bromo-2'-deoxyuridine, NB02946 on page 125

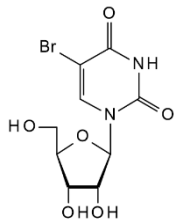
**5-Bromouridine**

• 5-Bromo-2,4-(1H,3H)-pyrimidinedione

[957-75-5] C<sub>8</sub>H<sub>11</sub>BrN<sub>2</sub>O<sub>6</sub> 323.1

NB03843

1g	\$45.00
2g	\$70.00
5g	\$115.00



Refs: Haschemeyer AEV, Sobell HM, Acta Crystallogr. 1965, 18, p525-532

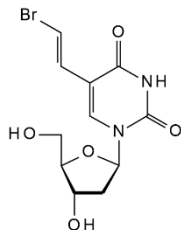
**5-(E)-(2-Bromovinyl)-2'-deoxyuridine**

• Brivudine

[69304-47-8] C<sub>11</sub>H<sub>13</sub>BrN<sub>2</sub>O<sub>5</sub> 333.14

NB03851

250mg	\$50.00
500mg	\$65.00
1g	\$90.00

**Bucladesine calcium salt**

see N6,2'-O-Dibutyryladenine 3',5'-cyclic monophosphate calcium salt, NC11728 on page 235

**Bucladesine Na**

see N6,2'-O-Dibutyryladenine 3',5'-cyclic monophosphate sodium salt, ND07996 on page 235

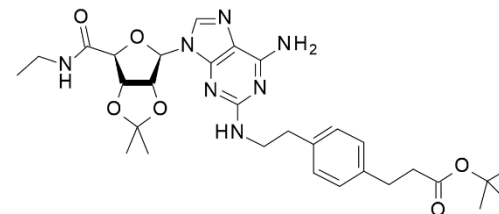
**2-[[4-[2-(tert-Butoxycarbonyl)ethyl]phenylethyl]amino]2',3'-O-isopropylideneadenosine-5'-N-ethylcarboxamide**

• 4-[2-[[6-Amino-9-[N-ethyl-2,3-O-(1-methylethylidene)-b-D-ribofuranuronamidosyl]-9H-purin-2-yl]amino]ethyl]benzenepropanoic acid 1,1-dimethylethyl ester

[120225-76-5] C<sub>30</sub>H<sub>41</sub>N<sub>7</sub>O<sub>6</sub> 595.69

NB16642

5mg	\$70.00
10mg	\$127.20
25mg	\$231.50

**2'-O-tert-Butyldimethylsilyladenine**

[69504-13-8]

NB15545

Price On Application

**3'-O-tert-Butyldimethylsilyladenine**

[69504-14-9]

NB15546

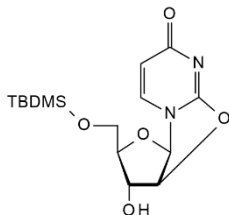
Price On Application



**Butyldimethyl****5'-O-tert-Butyldimethylsilyl-2,2'-anhydrouridine**C<sub>15</sub>H<sub>24</sub>N<sub>2</sub>O<sub>5</sub>Si 340.45

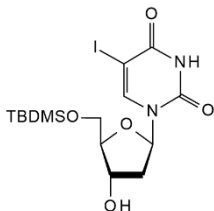
NB08205

Price On Application

**5'-O-tert-Butyldimethylsilyl-2'-deoxy-5-iodouridine**C<sub>15</sub>H<sub>25</sub>I<sub>2</sub>N<sub>2</sub>O<sub>5</sub>Si 468.37

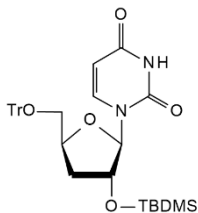
NB08643

500mg	\$95.00
1g	\$170.70
2g	\$325.50

**2'-O-tert-Butyldimethylsilyl-3'-deoxy-5'-O-trityluridine**C<sub>34</sub>H<sub>40</sub>N<sub>2</sub>O<sub>5</sub>Si 584.78

NB07424

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



Refs: Lin TS, et.al, J. Med. Chem, 1991,34, p693

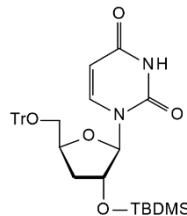
**2'-O-(tert-Butyldimethylsilyl)-3'-deoxy-5'-O-trityluridine**

• 3'-Deoxy-2'-O-[(1,1-dimethylethyl)dimethylsilyl]-5'-O-(triphenylmethyl)uridine

[130860-12-7] C<sub>34</sub>H<sub>40</sub>N<sub>2</sub>O<sub>5</sub>Si 584.78

NB16513

25mg	\$140.00
50mg	\$254.50
100mg	\$462.00

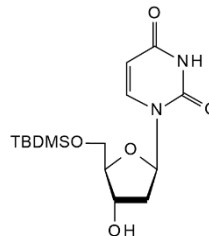


Refs: Lin, T-S, et al, J. Med. Chem, 34, 693 (1991)

**5'-O-tert-Butyldimethylsilyl-2'-deoxyuridine**C<sub>15</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub>Si 342.47

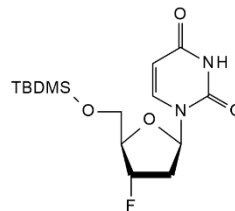
NB08646

Price On Application

**5'-O-tert-Butyldimethylsilyl-2',3'-dideoxy-3'-fluorouridine**C<sub>15</sub>H<sub>25</sub>FN<sub>2</sub>O<sub>4</sub>Si 344.45

NB08272

Price On Application



**2'-O-tert-Butyldimethylsilyl-5'-O-DMT-adenosine**

[81794-13-0]

NB15553	1g	\$385.00
	2g	\$750.00
	5g	\$1475.00

**3'-O-tert-Butyldimethylsilyl-5'-O-DMT-adenosine**

[81794-12-9]

NB15555	1g	\$645.00
	2g	\$1150.00
	5g	\$2250.00

**2'-O-tert-Butyldimethylsilyl-5'-O-DMT-N2-isobutyrylguanosine**

see 5'-O-(4,4'-Dimethoxytrityl)-2'-O-(tertbutyldimethylsilyl)-N-isobutyryl-Guanosine, ND57513 on page 250

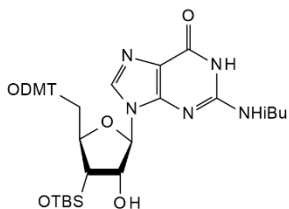
**3'-O-tert-Butyldimethylsilyl-5'-O-DMT-N2-isobutyrylguanosine**

• 5'-DMT-3'-TBDMS-ibu-rG

C<sub>41</sub>H<sub>51</sub>N<sub>5</sub>O<sub>8</sub>Si 769.96

NB33744

Price On Application

**2'-O-tert-Butyldimethylsilyl-5'-O-DMT-N6-(2-Isopentenyl)adenosine 3'-CE phosphoramidite**

NB139127

250mg	\$950.00
500mg	\$1500.00
1g	\$1950.00

**2'-O-tert-Butyldimethylsilyl-5'-O-DMT-C2-methyladenosine 3'-CE phosphoramidite**[1028723-99-0] C<sub>47</sub>H<sub>64</sub>N<sub>7</sub>O<sub>7</sub>Si 867.14

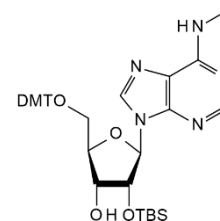
NB139123

250mg	\$950.00
500mg	\$1500.00
1g	\$1950.00

**2'-tert-Butyldimethylsilyl-5'-DMT-N6-methyladenosine**C<sub>38</sub>H<sub>47</sub>N<sub>5</sub>O<sub>6</sub>Si 697.9

ND57512

Price On Application

**2'-O-tert-Butyldimethylsilyl-5'-O-DMT-1-methylguanosine 3'-CE phosphoramidite**[1356084-46-2] C<sub>47</sub>H<sub>64</sub>N<sub>7</sub>O<sub>8</sub>PSi 914.11

NB139125

250mg	\$950.00
500mg	\$1500.00
1g	\$1950.00



**Butyldimethyl****2'-O-tert-Butyldimethylsilyl-5'-O-DMT-N2-methylguanosine 3'-CE phosphoramidite**

NB139128	250mg	\$950.00
	500mg	\$1500.00
	1g	\$1950.00

**2'-O-tert-Butyldimethylsilyl-5'-O-DMT-3-methyluridine 3'-CE phosphoramidite**[179762-50-6] C<sub>46</sub>H<sub>63</sub>N<sub>4</sub>O<sub>9</sub>PSi 875.07

NB139124	250mg	\$950.00
	500mg	\$1500.00
	1g	\$1950.00

**2'-O-tert-Butyldimethylsilyl-5'-O-DMT-uridine**[81246-80-2] C<sub>36</sub>H<sub>44</sub>N<sub>2</sub>O<sub>8</sub>Si 660.83

NB15303	1g	\$75.00
	2g	\$130.00
	5g	\$225.00

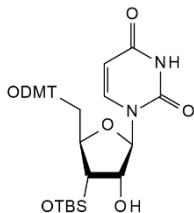
**3'-O-tert-Butyldimethylsilyl-5'-O-DMT-uridine**

• 5'-O-(4,4'-Dimethoxytrityl)-3'-O-tert-butyldimethylsilyl uridine

[81246-81-3] C<sub>36</sub>H<sub>44</sub>N<sub>2</sub>O<sub>8</sub>Si 660.83

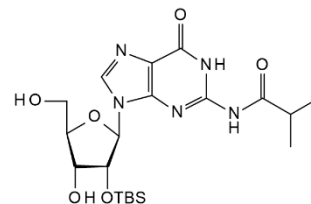
NB33743

Price On Application

**2'-O-tert-Butyldimethylsilyl-N2-isobutrylguanosine**[182007-86-9] C<sub>20</sub>H<sub>33</sub>N<sub>5</sub>O<sub>6</sub>Si 467.59

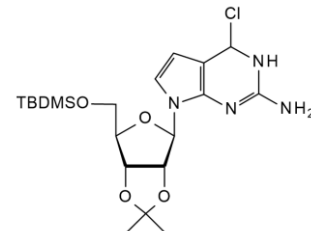
NB57544

1g	\$60.00
2g	\$104.00
5g	\$225.00

**9-(5'-O-t-Butyldimethylsilyl-2',3'-O-isopropylidene-b-D-ribofuranosyl)-6-chloro-7-deazaguanine**[115479-40-8] C<sub>20</sub>H<sub>33</sub>ClN<sub>4</sub>O<sub>4</sub>Si 457.04

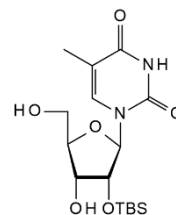
NB10265

2mg	\$84.00
5mg	\$157.50
10mg	\$210.00

**2'-O-tert-Butyldimethylsilyl-5-methyluridine**[922508-26-7] C<sub>18</sub>H<sub>28</sub>N<sub>2</sub>O<sub>6</sub>Si 372.49

NT57546

Price On Application





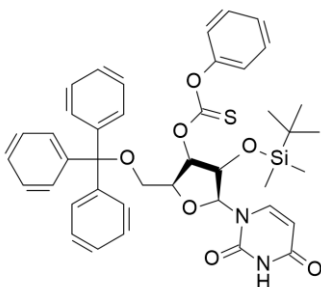
**2'-O-(tert-Butyldimethylsilyl)-3'-O-(phenoxythioncarbonyl)-5'-O-trityluridine**

• 2'-O-[(1,1-Dimethylethyl)dimethylsilyl]-5'-O-(triphenylmethyl)uridine 3'-O-phenyl carbonothioate

[130860-11-6] C<sub>41</sub>H<sub>44</sub>N<sub>2</sub>O<sub>7</sub>SSi 736.95

NB16514

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



Refs: Lin, T-S, et al, J. Med. Chem. 34, 693 (1991)

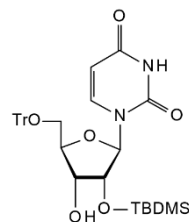
**2'-O-tert-Butyldimethylsilyl-5'-O-trityluridine**

• 2'-O-[(1,1-Dimethylethyl)dimethylsilyl]-5'-O-(triphenylmethyl)uridine

[117136-35-3] C<sub>34</sub>H<sub>40</sub>N<sub>2</sub>O<sub>6</sub>Si 600.78

NB16515

50mg	\$110.50
100mg	\$201.00
250mg	\$365.00



Refs: Lin, T-S, et al, J. Med. Chem. 34, 693 (1991)

**2'-O-tert-Butyldimethylsilyluridine**[54925-71-2] C<sub>15</sub>H<sub>26</sub>N<sub>2</sub>O<sub>6</sub>Si 358.46

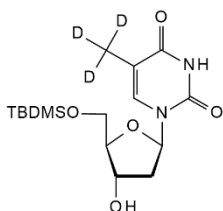
NB46819

1g	\$1000.00
2g	\$1600.00
5g	\$2500.00

**5'-O-tert-Butyldimethylsilyl-D3-thymidine**C<sub>16</sub>H<sub>25</sub>N<sub>2</sub>O<sub>5</sub>SiD<sub>3</sub> 359.52

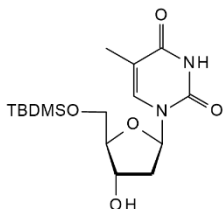
NB08944

Price On Application

**5'-O-tert-Butyldimethylsilylthymidine**[40733-28-6] C<sub>16</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub>Si 356.5

NB08945

1g	\$125.00
2g	\$195.00
5g	\$275.00

**5'-O-tert-Butyldimethylsilyluridine**

NB09608

Price On Application

**9-(5'-tert-Butyldiphenylsilyl-2'-deoxy-D-xylofuranosyl)guanine**

NB145599

Price On Application



**Butyldipheny****3'-O-tert-Butyldiphenylsilyl-2'-O-methyluridine**

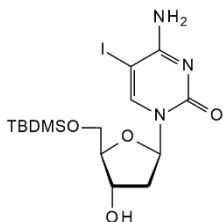
NB64783

Price On Application

**5'-O-tert-Butylmethylsilyl-2'-deoxy-5-iodocytidine**[666848-11-9] C<sub>15</sub>H<sub>26</sub>IN<sub>3</sub>O<sub>4</sub>Si 467.38

NB08949

Price On Application

**2-tert-Butylpyrimidine-5-carbaldehyde**[104461-06-5] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O 164.2

NB57438

50mg	\$65.00
100mg	\$104.00
250mg	\$127.50

**2-(Butylthio)pyrimidine-5-carbaldehyde**[915920-13-7] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>OS 196.27

NB57433

1g	\$81.40
2g	\$130.10
5g	\$323.00

**BzATP triethylammonium salt**

see 2'-(3'-O-(4-Benzoyl)benzoyl)adenosine-5'-triphosphate triethylammonium salt, NB29594 on page 94

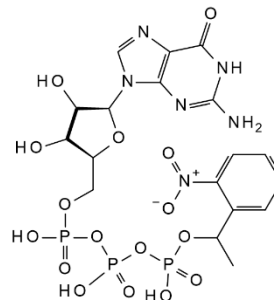
**N4-Bz-5-Me-DMT-2'-O-Me-C**see *N4-Benzoyl-5'-O-DMT-2'-O-methyl-5-methylcytidine*, NB09205 on page 109**N6-Bz-3'-TBDMS-5'-DMT rA**see *N6-Benzoyl-3'-O-tert-butyltrimethylsilyl-5'-O-DMT-adenosine*, NB15524 on page 95**Caged GTP**

- Guanosine 5'-triphosphate P<sub>3</sub>-[1-(2-nitrophenyl)ethyl]ester
- Guanosine 5'-(tetrahydrogen triphosphate) P<sup>+</sup>-[1-(2-nitrophenyl)ethyl]ester

[124830-99-5] C<sub>18</sub>H<sub>23</sub>N<sub>6</sub>O<sub>16</sub>P<sub>3</sub> 672.33

NC19632

1mg	\$1102.50
2mg	\$1974.00
5mg	\$3570.00



Refs: John, J, et al, J. Biol. Chem, 264, 13086

**Calcium dibutryladenosine cyclophosphate**see *N6,2'-O-Dibutryladenosine 3',5'-cyclic monophosphate calcium salt*, NC11728 on page 235**Calcium 5'-guanylate**see *Guanosine 5'-monophosphate calcium salt*, NG40772 on page 284**cAMP sodium salt**see *Adenosine 3',5'-cyclic monophosphate sodium salt*, NA08992 on page 21**cAMPS. TEA, Sp-isomer**see *Adenosine 3',5'-cyclic monophosphorothioate Sp-isomer triethylammonium salt*, NA08995 on page 22**cAMP TEA, Rp isomer**see *Adenosine 3',5'-cyclic monophosphothioate Rp-isomer triethylammonium salt*, NA08993 on page 22**cAMP**see *Adenosine 3',5'-cyclic monophosphate*, NA08991 on page 22

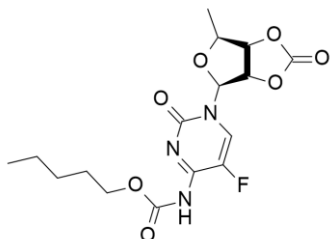
**Capecitabine 2',3'-cyclic carbonate**

• 5'-Deoxy-5-fluoro-N-[(pentyloxy)carbonyl]cytidine cyclic 2',3'-carbonate

[921769-65-5] C<sub>18</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>7</sub> 385.34

NC16644

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

**Capecitabine**

see 5'-Deoxy-5-fluoro-N4-(pentyloxycarbonyl)cytidine, ND09160 on page 201

**Capectabine**

see 2',3'-Di-O-acetyl-5'-deoxy-5-fluorocytidine, ND05721 on page 227

**Capryl coenzyme A**

see Decanoyl coenzyme A, free acid, ND47196 on page 170

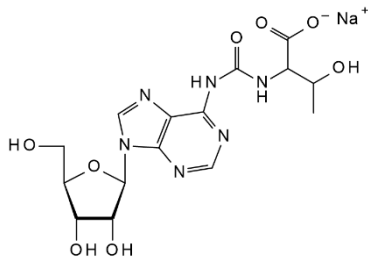
**Caprylyl coenzyme A**

see Octanoyl coenzyme A, NO47202 on page 337

**N6-Carbamoylthreonyl-adenosine sodium salt**[24719-82-2] C<sub>15</sub>H<sub>19</sub>N<sub>5</sub>O<sub>8</sub>·Na 434.34

NC06332

1mg	\$105.00
2mg	\$190.00
5mg	\$367.50



Refs: Morin et.al, RNA, 1998, 4, p24

**N2-Carbamoylthreonyl-2'-deoxyguanosine**

NC63100

Price On Application

**N2-Carbamoylthreonyl-2'-deoxyguanosine**

NC63104

Price On Application

**N2-Carbamoylthreonylguanosine sodium salt**

NC63113

Price On Application

**Carbocyclic adenosine**

- 9-(2,3-Dihydroxy-4-[hydroxymethyl]cyclopentyl)adenine
- Aristeromycin

[19186-33-5] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>3</sub> 265.27

NC29204

Price On Application

**Carbocyclic cytidine**

see Carbodine, NC15795 on page 136

**Carbocyclic****Carbocyclic 2'-deoxyguanosine 5'-triphosphate**[118905-01-4] C<sub>11</sub>H<sub>16</sub>N<sub>5</sub>O<sub>8</sub>P 345.25

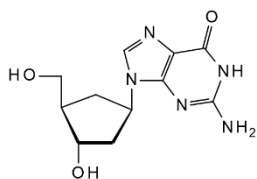
NC29202

Price On Application

**Carbocyclic 2'-deoxyguanosine**C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>3</sub> 265.27

NC29203

Price On Application

**Carbocyclic inosine**

- Coaristeromycin
- 9-[(1R,2S,3R,4R)-2,3-Dihydroxy-4-(hydroxymethyl)cyclopentyl]-3H-purin-6-one

[16975-94-3] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub> 266.25

NC29205

Price On Application

**Carbodine**

- 4-amino-1-[(1R,2S,3R,4R)-2,3-dihydroxy-4-(hydroxymethyl)cyclopentyl]pyrimidin-2-one
- Carbocyclic cytidine

[71184-20-8] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 241.24

NC15795

Price On Application

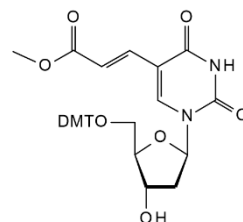


Refs: Bioorganic & Medicinal Chemistry Letters  
Volume 20, Issue 8, 15 April 2010, Pages 2601-2604.

**E-5-(2-Carbomethoxyvinyl)-2'-deoxy-5'-O-DMT-uridine**[869355-22-6] C<sub>34</sub>H<sub>34</sub>N<sub>2</sub>O<sub>9</sub> 614.66

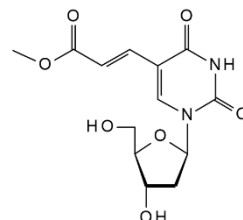
NC08240

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

**E-5-(2-Carbomethoxyvinyl)-2'-deoxyuridine**[86163-17-9] C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>7</sub> 312.28

NC08275

250mg	\$70.00
500mg	\$100.00
1g	\$173.30

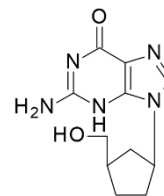
**Carbovir**

- rel-2-Amino-1,9-dihydro-9-[(1R,4S)-4-(hydroxymethyl)-2-cyclopenten-1-yl]-6H-purin-6-one

[118353-05-2] C<sub>11</sub>H<sub>13</sub>N<sub>5</sub>O<sub>2</sub> 247.25

NC16517

0.5mg	\$175.00
1mg	\$250.00
2mg	\$450.00



Refs: Suo, Z. et al, J. Biol. Chem, 273, 27250 (1998); Ray, A. et al, Antimicrob. Agents Chemother, 48, 1089 (2004); Lynx, M. et al, Biochem. Pharmacol, 71, 1342 (2006)

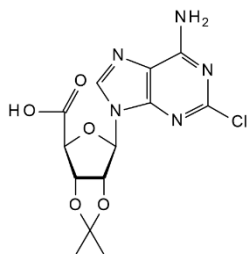
**5'-Carboxy-2-chloro-2'-3'-O-isopropylideneadenosine**

• 2-Chloroadenosine-5'-carboxy-2',3'-acetonide

[72209-20-2] C<sub>13</sub>H<sub>14</sub>ClN<sub>5</sub>O<sub>5</sub> 355.74

NC06333

25mg	\$75.00
50mg	\$118.50
100mg	\$205.00

**5-Carboxy-2'-deoxyuridine**

• Trifluridine Related Compound A

[14599-46-3] C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>7</sub> 272.21

NC58344

1mg	\$195.00
2mg	\$370.00
5mg	\$750.00

**2-p-(2-Carboxyethyl)phenethylamino-5'-N-ethylcarboxamidoadenosine hydrochloride hydrate**

• CGS 21680 A Hydrochloride hydrate

[124182-57-6] C<sub>23</sub>H<sub>30</sub>ClN<sub>7</sub>O<sub>6</sub>·xH<sub>2</sub>O 535.98 (anhydrous basis)

NC10755

25mg	\$300.00
50mg	\$410.00
100mg	\$625.00

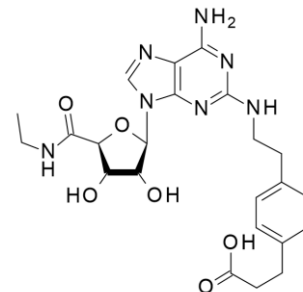
**2-p-(2-Carboxyethyl)phenethylamino-5'-N-ethylcarboxamidoadenosine hydrochloride**

- CGS 21680 hydrochloride
- 4-[2-[[6-Amino-9-(N-ethyl-b-D-ribofuranuronamidoyl)-9H-purin-2-yl]amino]ethyl]benzenepropanoic acid hydrochloride

[124431-80-7] C<sub>23</sub>H<sub>30</sub>ClN<sub>7</sub>O<sub>6</sub> 535.98

NC16650

1mg	\$65.00
2mg	\$95.00
5mg	\$125.00



ClH



Refs: Baggolini, M, et al, J. Clin. Invest, 84, 1045 (1989); Kainoh, M, et al, Biochem. Pharmacol, 39, 477 (1990); Bouma, M, et al, J. Immunol, 153, 4159 (1994); Ollivier, V, et al, J. Biol. Chem, 271, 20828 (1996)

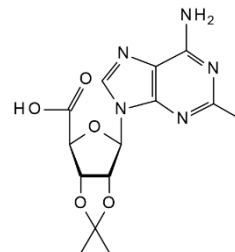
**5'-Carboxy-2-iodo-2',3'-O-isopropylideneadenosine**

- 2-Iodoadenosine 5'-carboxy-2',3'-acetonide
- 2-Iodo-9-(2,3-O-isopropylidene-b-D-ribofuranosyl uronic acid)adenine

[141018-26-0] C<sub>13</sub>H<sub>14</sub>I<sub>2</sub>N<sub>5</sub>O<sub>5</sub> 447.19

NC05725

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



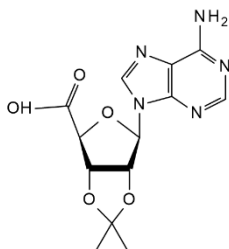
**Carboxyisopr****5'-Carboxy-2',3'-O-isopropylideneadenosine**

• 2',3'-Isopropylideneadenosine-5'-carboxylic acid

[811431-33-1][19234-66-3] C<sub>13</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 321.3

NC07451

50mg	\$75.00
100mg	\$125.00
250mg	\$225.00

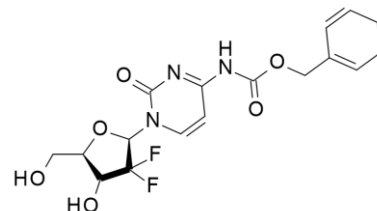
**N-Cbz gemcitabine**

- 2'-Deoxy-2',2'-difluoro-N-[(phenylmethoxy)carbonyl]-cytidine
- [1-(2-Deoxy-2,2-difluoro-b-D-erythro-pentofuranosyl)-1,2-dihydro-2-oxo-4-pyrimidinyl]-carbamic acid phenylmethyl ester

[138685-83-3] C<sub>17</sub>H<sub>17</sub>F<sub>2</sub>N<sub>3</sub>O<sub>6</sub> 397.33

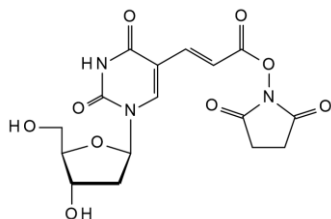
NC16645

5mg	\$174.90
10mg	\$318.00
25mg	\$578.50

**3-Carboxy-1-b-D-ribofuranosylpyridinium salt**see *Nicotinic acid riboside*, NN16815 on page 335**E-5-(2-Carboxyvinyl)-2'-deoxyuridine hydroxysuccinimide ester**[869355-24-8] C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>9</sub> 395.32

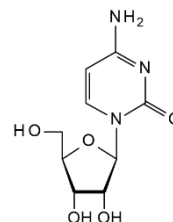
NC10421

100mg	\$132.00
200mg	\$190.00
500mg	\$315.00

**1'-13CCytidine**[201996-57-8] <sup>13</sup>CC<sub>8</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 244.21

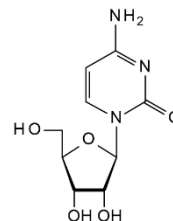
NC34301

25mg	\$194.50
50mg	\$304.50
100mg	\$494.00

**2'-13CCytidine**[478511-19-2] <sup>13</sup>CC<sub>8</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 244.21

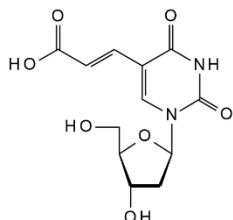
NC34302

50mg	\$350.00
100mg	\$570.00

**E-5-(2-Carboxyvinyl)-2'-deoxyuridine**[74131-06-9] C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>7</sub> 298.25

NC08239

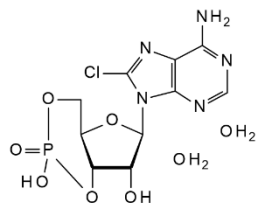
100mg	\$90.00
250mg	\$157.50
500mg	\$265.00

**CDP-choline sodium salt**see *Citicoline sodium salt*, NC05679 on page 153

**CDP-ethanolamine disodium salt**see *Cytidine 5'-diphosphate ethanolamine disodium salt, NC28916 on page 160***c-GpAp sodium salt**see *3',3'-Cyclic GAMP, NC137624 on page 157***CGS 21680 A Hydrochloride hydrate**see *2-p-(2-Carboxyethyl)phenethylamino-5'-N-ethylcarboxamidoadenosine hydrochloride hydrate, NC10755 on page 137***CGS 21680 hydrochloride**see *2-p-(2-Carboxyethyl)phenethylamino-5'-N-ethylcarboxamidoadenosine hydrochloride, NC16650 on page 137***2-Chloroadenosine-2',3'-acetonide**see *2-Chloro-2',3'-O-isopropylideneadenosine, NC06329 on page 148***2-Chloroadenosine-5'-carboxy-2',3'-acetonide**see *5'-Carboxy-2-chloro-2',3'-O-isopropylideneadenosine, NC06333 on page 137***8-Chloroadenosine 3',5'-cyclic monophosphate dihydrate**[41941-56-4]  $C_{10}H_{11}ClN_5O_6P \cdot 2H_2O$  399.69

NC10381

5mg	\$325.00
10mg	\$600.00
25mg	\$1400.00

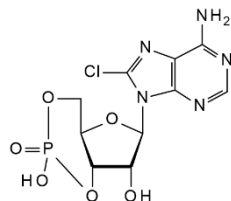
**8-Chloroadenosine 3',5'-cyclic monophosphate**

• 8-Cl-cAMP

[41941-56-4]  $C_{10}H_{11}ClN_5O_6P$  363.65

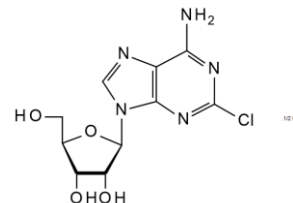
NC10380

1mg	\$78.80
2mg	\$126.00
4mg	\$210.00

**2-Chloroadenosine hemihydrate**[81012-94-4]  $C_{10}H_{12}ClN_5O_4 \cdot \frac{1}{2}H_2O$  310.69

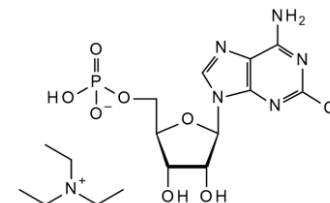
NC04681

2g	\$42.00
5g	\$78.80
10g	\$105.00

**2-Chloroadenosine 5'-monophosphate triethylamine salt**[21466-01-3]  $C_{10}H_{13}ClN_5O_7P \cdot C_{12}H_{30}N_2$  584.05

NC10383

2mg	\$117.60
5mg	\$262.50
10mg	\$472.50

**8-Chloroadenosine-5'-monophosphate**

• 8-Cl-5'-AMP

[37676-40-7]  $C_{10}H_{13}ClN_5O_7P$  381.67

NC71639

Price On Application

**2-Chloro-adenosine 2',3',5'-triacetate**see *2',3',5'-Tri-O-acetyl-2-chloroadenosine, NT20146 on page 370*

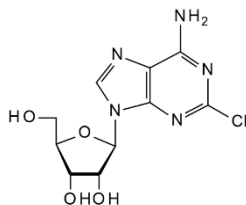
**Chloroadenos****2-Chloroadenosine**

• 6-Amino-2-chloropurine riboside

[146-77-0] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>4</sub> 301.69

NC06293

1g	\$52.50
2g	\$73.50
5g	\$140.00

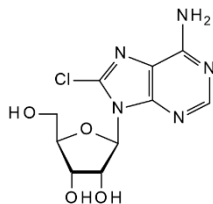


Refs: Yavuz O, Tuerkoezkan N, Bilgihan A, et al, Free Radical Biol. Med. 1997, 22, p337; Evans, et al, Neurosci. Lett. 1987, 83, p287; Szondy Z, Biochem. J. 1994, 304, p877

**8-Chloroadenosine**[34408-14-5] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>4</sub> 301.69

NC03343

1mg	\$89.30
2mg	\$157.50
5mg	\$262.50



Refs: Chen LS, Sheppard TL, Nucleosides Nucleotides And Nucleic Acids 2002, Vol21, Pt8/9, p599-617; Choo-Chung et.al, Cancer Invest, 1989, 7, p161

**2-Chloro-6-amino-purine-2'-fluoro-2'-deoxy arabinoside**

see 6-Amino-2-chloro-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine, NA07154 on page 40

**4-Chloro-5-aminopyrimidine**

• 4-Chloropyrimidin-5-amine

[54660-78-5] C<sub>4</sub>H<sub>4</sub>ClN<sub>3</sub> 129.55

NC57423

500mg	\$80.00
1g	\$217.90
2g	\$429.00

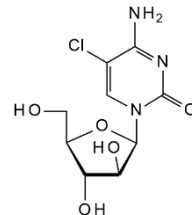
**2-Chloro-6-amino-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**

see 6-Amino-2-chloro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine, NA05212 on page 43

**5-Chloro-1-(b-D-arabinofuranosyl)cytidine**[17676-65-2] C<sub>9</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>5</sub> 277.66

NC07979

25mg	\$375.00
50mg	\$550.00
100mg	\$900.00

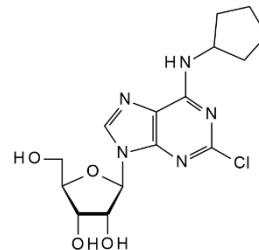
**2-Chloro-4-cyanopyrimidine**

see 2-Chloro-4-pyrimidinecarbonitrile, NC57397 on page 152

**2-Chloro-N6-cyclopentyladenosine hemihydrate**[37739-05-2] C<sub>15</sub>H<sub>20</sub>ClN<sub>5</sub>O<sub>4</sub>·½H<sub>2</sub>O 378.81

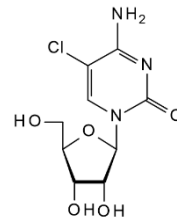
NC07978

2mg	\$70.00
5mg	\$150.00
10mg	\$250.00

**5-Chlorocytidine**[25130-29-4] C<sub>9</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>5</sub> 277.66

NC03341

10mg	\$50.00
25mg	\$100.00
50mg	\$160.00



Refs: Fukuhara TK, Visser DW, J. Am. Chem. Soc. 1955, p2393; Badouard et.al, J. Chromatogr. 2005, 827, p26

C



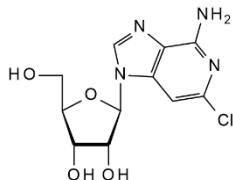
**2-Chloro-3-deazaadenosine**

• 4-Amino-6-chloro-1-b-D-ribofuranosylimidazo[4,5-c]pyridine

[40656-71-1] C<sub>11</sub>H<sub>13</sub>ClN<sub>4</sub>O<sub>4</sub> 300.7

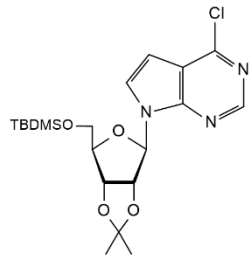
NC09808

1mg	\$75.00
2mg	\$130.00
5mg	\$250.00

**6-Chloro-7-deaza-9-(5'-O-tert-butylidimethylsilyl-2',3'-O-isopropylidene-b-D-ribofuranosyl)purine**[115479-39-5] C<sub>20</sub>H<sub>30</sub>ClN<sub>5</sub>O<sub>4</sub>Si 440.02

NC06335

50mg	\$115.50
100mg	\$205.00
250mg	\$487.50

**6-Chloro-7-deazapurine-b-D-riboside**

see 6-Chloro-7-deaza-9-(b-D-ribofuranosyl)purine, NC05369 on page 141

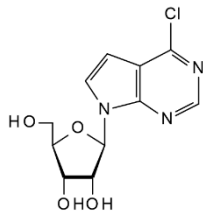
**6-Chloro-7-deaza-9-(b-D-ribofuranosyl)purine**

• 6-Chloro-7-deazapurine-b-D-riboside

[16754-80-6] C<sub>11</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>4</sub> 285.69

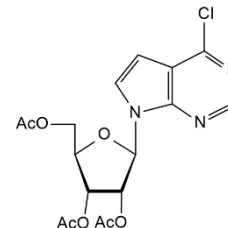
NC05369

25mg	\$85.00
50mg	\$150.00
100mg	\$260.00

**6-Chloro-7-deaza-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**[16754-79-3] C<sub>17</sub>H<sub>18</sub>ClN<sub>5</sub>O<sub>7</sub> 411.79

NC06328

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

**2-Chloro-2'-deoxyadenosine 5'-triphosphate sodium salt**

• Cladribine triphosphate sodium salt

NC76589

Price On Application

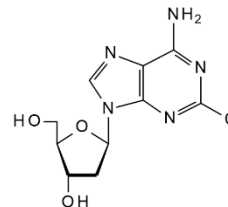
**2-Chloro-2'-deoxyadenosine**

- Cladribine
- Leustatin
- 9-(2-Deoxy-b-D-ribofuranosyl)-2-chloroadenine

[4291-63-8] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>3</sub> 285.69

NC06337

25mg	\$79.00
100mg	\$158.00
250mg	\$262.50

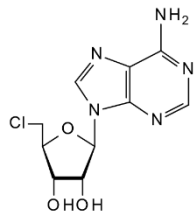


Refs: Kazimierczuk Z, Cottam HB, Revankar GR, et al. J. Am. Chem. Soc. 1984, 106, p6379; Set S, et al. J. Clin. Invest. 1985, 75, p377; Piro LD, et al. N. Engl. J. Med 1990, 322, p1117

**Chlorodeoxya****5'-Chloro-5'-deoxyadenosine**[892-48-8] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>3</sub> 285.69

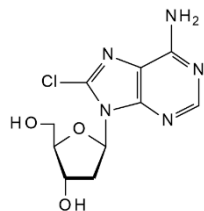
NC05644

5g	\$63.00
10g	\$105.00
25g	\$210.00

**8-Chloro-2'-deoxyadenosine**[85562-55-6] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>3</sub> 285.69

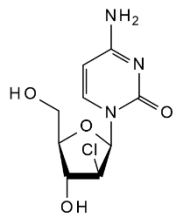
NC03342

1mg	\$120.00
5mg	\$525.00
10mg	\$900.00

**1-(2'-Chloro-2'-deoxy-b-D-arabinofuranosyl)cytosine**[58461-30-6] C<sub>9</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>4</sub> 261.66

NC29834

Price On Application

**2'-Chloro-2'-deoxycytidine**[10212-19-8] C<sub>9</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>4</sub> 261.66

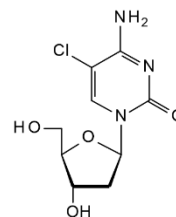
NC03763

250mg	\$1500.00
500mg	\$2000.00
1g	\$3500.00

**5-Chloro-2'-deoxycytidine**[32387-56-7] C<sub>9</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>4</sub> 261.67

NC08279

5mg	\$120.00
10mg	\$190.00
25mg	\$375.00



Refs: Hale et al, Biochem. Pharmacol, 2002, 64, p1493

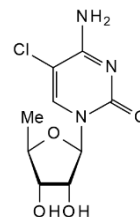
**5-Chloro-5'-deoxycytidine**

• 5'-Deoxy-5-chloro-D-cytidine

C<sub>9</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>4</sub> 261.67

NC06308

50mg	\$100.00
100mg	\$189.00
250mg	\$420.00



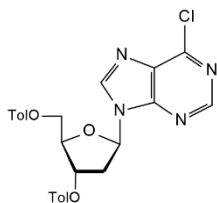
Refs: Cohen HM, Griffiths AD, Tawfik DS, et al, Org. Biomolec. Chem. 2005



**6-Chloro-9-(2'-deoxy-3',5'-di-O-toluoyl-b-ribofuranosyl)purine**[91713-46-1] C<sub>28</sub>H<sub>23</sub>ClN<sub>4</sub>O<sub>5</sub> 506.95

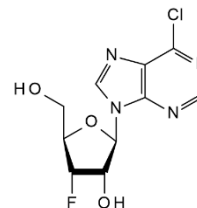
NC06411

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

**6-Chloro-3'-deoxy-3'-fluorinosine**C<sub>10</sub>H<sub>10</sub>ClFN<sub>4</sub>O<sub>3</sub> 288.66

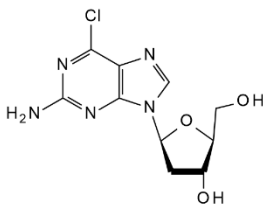
NC15615

Price On Application

**6-Chloro-9-(2-deoxy-b-L-erythro-pentofuranosyl)-9H-purin-2-amine**[141771-78-0] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>3</sub> 285.69

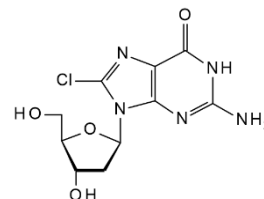
NC02987

Price On Application

**8-Chloro-2'-deoxyguanosine**[437715-62-3] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>4</sub> 301.69

NC06596

1mg	\$183.80
2mg	\$294.00
5mg	\$577.50



Refs: Masuda et.al, J. Biol. Chem, 2001, 276, p40486

**2-Chloro-2'-deoxy-2'-fluoroadenosine**

[156357-18-5]

NC76633

Price On Application

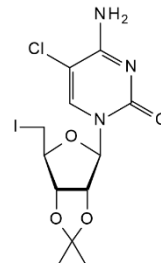
**6-Chloro-6-deoxyinosine**

see 6-Chloro-9-(b-D-ribofuranosyl)purine, NC06562 on page 153

**5-Chloro-5'-deoxy-5'-iodo-2',3'-O-isopropylidencytidine**C<sub>12</sub>H<sub>15</sub>ClIIN<sub>3</sub>O<sub>4</sub> 427.63

NC04650

50mg	\$94.50
100mg	\$168.00
250mg	\$315.00



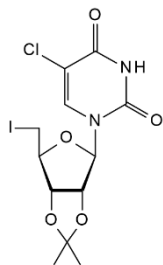
## Chlorodeoxyi

## 5-Chloro-5'-deoxy-5'-iodo-2',3'-O-isopropylideneuridine

[61787-10-8] C<sub>12</sub>H<sub>14</sub>ClIN<sub>2</sub>O<sub>5</sub> 428.61

NC02619

50mg	\$147.00
100mg	\$263.00
250mg	\$420.00



## 5-Chloro-5'-deoxy-5'-iodo-2',3'-O-(1-methylethylidene)uridine

see 5'-Deoxy-5'-iodo-2',3'-O-isopropylidene-5-chlorouridine, ND16525 on page 209

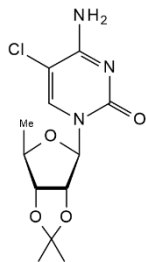
## 5-Chloro-5'-deoxy-2',3'-O-isopropylidencytidine

• 2',3'-O-Isopropylidene-5-chlorocytidine

C<sub>12</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>4</sub> 301.73

NC04653

50mg	\$105.00
100mg	\$189.00
250mg	\$382.50



## 6-Chloro-7-[2-deoxy-3,5-bis-O-(4-methylbenzoyl)-b-D-erythro-pentofuranosyl]-7H-purine

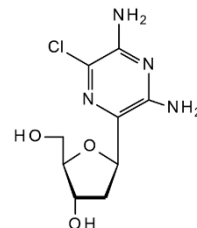
see 3,5-Di-O-toluoyl 6-chloropurine-7-b-D-deoxyribose, ND16703 on page 254

## 2-Chloro-6-(2'-deoxy-b-D-ribofuranosyl)-3,5-diaminopyrazine

[173256-61-6] C<sub>9</sub>H<sub>13</sub>ClN<sub>4</sub>O<sub>3</sub> 260.68

NC06415

1mg	\$52.50
2mg	\$84.00
5mg	\$136.50



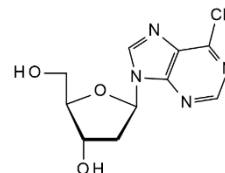
## 6-Chloro-9-(2'-deoxy-b-D-ribofuranosyl)purine

• 6-Chloropurine-2'-deoxyriboside

[4594-45-0] C<sub>10</sub>H<sub>11</sub>ClN<sub>4</sub>O<sub>3</sub> 270.68

NC06422

50mg	\$65.00
100mg	\$95.00
250mg	\$175.00



Refs: Maruenda H, Chenna A, Liem LK, Singer B, J. Org. Chem, 1998, 63, p4385

## 5-Chloro-1-(2-deoxy-b-D-threo-pentofuranosyl)-2,4(1H,3H)-pyrimidinedione

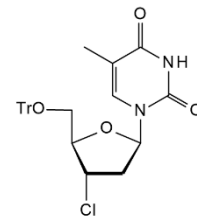
see 3'-epi-5-chloro-2'-deoxyuridine, NE16712 on page 268

## 3'-Chloro-3'-deoxy-5'-O-tritylthymidine

C<sub>29</sub>H<sub>27</sub>ClN<sub>2</sub>O<sub>4</sub> 503

NC07419

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



**2'-Chloro-2'-deoxyuridine**[4753-04-2] C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>5</sub> 262.65

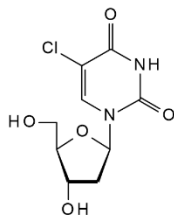
NC04257

100mg	\$95.00
250mg	\$175.00
500mg	\$250.00

**5-Chloro-2'-deoxyuridine**[50-90-8] C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>5</sub> 262.65

NC04688

50mg	\$79.00
100mg	\$126.00
250mg	\$252.50



Refs: Young DW, Morris EM, Struct. Crystallogr. Cryst. Chem. 1973, B29, p1259

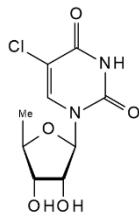
**5-Chloro-5'-deoxyuridine**

• 5'-Deoxy-5-chloro-D-uridine

C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>5</sub> 262.65

NC04680

50mg	\$131.50
100mg	\$205.00
250mg	\$420.00

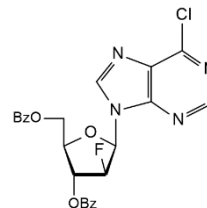


Refs: Vickers, Zhang MF, VisserJ, et al, Nucleosides Nucleotides and Nucleic Acids 2004, 23, p361

**6-Chloro-9-(3',5'-di-O-benzoyl-2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)purine**C<sub>24</sub>H<sub>18</sub>ClF<sub>2</sub>N<sub>4</sub>O<sub>5</sub> 496.89

NC08475

Price On Application

**5-Chloro-2',3'-dideoxy-3'-fluorouridine**[119644-22-3] C<sub>9</sub>H<sub>10</sub>ClF<sub>2</sub>N<sub>2</sub>O<sub>4</sub> 264.64

NC58336

50mg	\$600.00
100mg	\$1000.00
250mg	\$1750.00

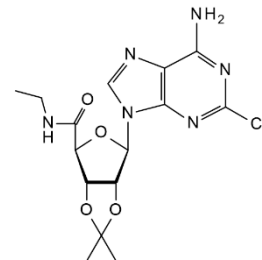
**2-Chloro-5-(ethoxycarbonyl)-4-methylpyrimidine**see *Ethyl 2-chloro-4-methylpyrimidine-5-carboxylate, NE57420 on page 271***2-Chloro-5'-N-ethylcarboxamide-2',3'-O-isopropylidene adenosine**

- 1-(6-Amino-2-chloro-9H-purin-9-yl)-1-deoxy-N-ethyl-2,3-O-(1-methylethylidene)-b-D-ribofuranuronamide
- 2-Chloro-2',3'-O-isopropylideneadenosine-5'-N-ethylcarboxamide

[120225-75-4] C<sub>15</sub>H<sub>19</sub>ClN<sub>6</sub>O<sub>4</sub> 382.8

NC16518

5mg	\$140.00
10mg	\$225.00
25mg	\$495.00



Refs: Hutchison, A.J, et al, J. Med. Chem. 33, 1919 (1990)



**ChloroFluoro****2-Chloro-4-[2-(4-Fluorophenyl)Ethyl]-6-Methylpyrimidine**[372183-70-5] C<sub>13</sub>H<sub>12</sub>ClFN<sub>2</sub> 250.7

NC57394

50mg	\$102.50
100mg	\$164.00
250mg	\$250.00

**4-Chloro-5-fluoropyrimidine**[347418-42-2] C<sub>4</sub>H<sub>2</sub>ClFN<sub>2</sub> 132.52

NC57386

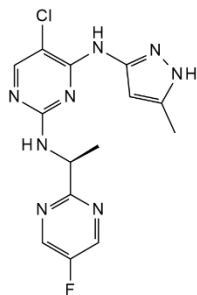
500mg	\$65.00
1g	\$95.00
2g	\$180.00

**(S)-5-chloro-N2-(1-(5-fluoropyrimidin-2-yl)ethyl)-N4-(5-methyl-1H-pyrazol-3-yl)pyrimidine-2,4-diamine**

[935666-88-9]

NC44330

5mg	\$100.00
10mg	\$150.00
25mg	\$300.00

**6-Chloroguanine riboside**

see 2-Amino-6-chloro-9-(b-D-ribofuranosyl)purine, NA04201 on page 43

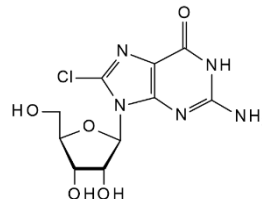
**6-Chloroguanosine**

see 2-Amino-6-chloro-9-(b-D-ribofuranosyl)purine, NA04201 on page 43

**8-Chloroguanosine**[2104-68-9] C<sub>10</sub>H<sub>12</sub>ClN<sub>5</sub>O<sub>5</sub> 317.69

NC06679

2mg	\$189.00
5mg	\$367.50
10mg	\$630.00

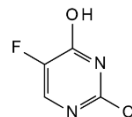


Refs: Gerster JF Hinshaw BC, Robins RK, et al, J. Org. Chem. 1968, p1070

**2-Chloro-4-hydroxy-5-fluoropyrimidine**[155-12-4] C<sub>4</sub>H<sub>2</sub>ClFN<sub>2</sub>O 148.52

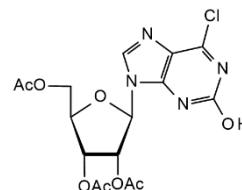
NC11515

10g	\$525.00
25g	\$1050.00
50g	\$1575.00

**6-Chloro-2-hydroxy-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**[161923-50-8] C<sub>18</sub>H<sub>17</sub>ClN<sub>4</sub>O<sub>8</sub> 428.78

NC04527

10mg	\$115.50
25mg	\$210.00
50mg	\$367.50

**Chloro-IB-MECA**

see 2-Chloro-N6-(3-iodobenzyl)-adenosine-5'-N-methyluronamide, NC30706 on page 147

**4-Chloro-6-imidazol-1-yl-pyrimidine**

[114834-02-5] 180.59

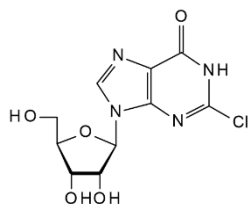
NC57449

500mg	\$65.00
1g	\$148.70
2g	\$237.90

**2-Chloroinosine**[13276-43-2] C<sub>10</sub>H<sub>11</sub>ClN<sub>4</sub>O<sub>5</sub> 302.67

NC03338

50mg	\$60.00
100mg	\$90.00
250mg	\$150.00

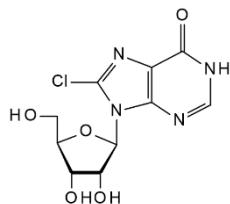


Refs: Gerster JF, Robins RK, J. Org. Chem. 1966, Vol31, p3258

**8-Chloroinosine**[116285-77-9] C<sub>10</sub>H<sub>11</sub>ClN<sub>4</sub>O<sub>5</sub> 302.67

NC03330

1mg	\$157.50
5mg	\$420.00
10mg	\$724.50



Refs: Langeveld CH, Jongenelen CAM, Heimans JJ, et al, Cancer Res. 1992, Vol52, Issue 14, p3994-3999

**2-Chloro-N6-(3-iodobenzyl)-adenosine-5'-N-methyluronamide**

• Chloro-IB-MECA

[163042-96-4] C<sub>18</sub>H<sub>18</sub>ClIN<sub>6</sub>O<sub>4</sub> 544.73

NC30706

10mg	\$50.00
25mg	\$80.00
50mg	\$120.00

**4-7H-Chloro-5-iodo-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidin-2-amine**

[847551-58-0]

NC14083

Price On Application

**5-Chloro-2-iodopyrimidine**

[874676-81-0]

NC70377

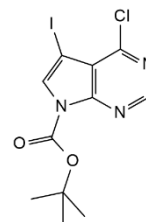
1g	\$50.00
2g	\$80.00
5g	\$125.00

**4-Chloro-5-iodo-pyrrolo[2,3-d]pyrimidine-7-carboxylic acid tert-butyl ester**

[1244855-76-2]

NC44293

250mg	\$97.50
500mg	\$155.00
1g	\$247.50

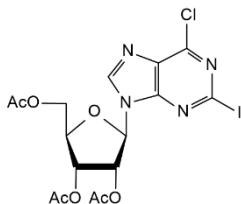
**6-Chloro-2-iodo-9-b-D-ribofuranosyl-9H-purine triacetate**

see 6-Chloro-2-iodo-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine, NC16519 on page 148

**Chloriodotr****6-Chloro-2-iodo-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**C<sub>16</sub>H<sub>16</sub>ClI<sub>2</sub>N<sub>4</sub>O<sub>7</sub> 538.68

NC07420

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

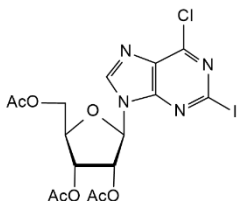
**6-Chloro-2-iodo-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**

• 6-Chloro-2-iodo-9-b-D-ribofuranosyl-9H-purine triacetate

[5987-76-8] C<sub>16</sub>H<sub>16</sub>ClI<sub>2</sub>N<sub>4</sub>O<sub>7</sub> 538.68

NC16519

50mg	\$140.00
100mg	\$255.00
250mg	\$462.50

**2-Chloroisonicotinic acid**

see 2-Chloro-4-pyridinecarboxylic acid, NC70186 on page 152

**2-Chloroisonicotinic acid**

• 2-Chloro-4-pyridinecarboxylic acid

[6313-54-8] C<sub>6</sub>H<sub>4</sub>ClNO<sub>2</sub> 157.55

NC70185

100g	\$60.00
250g	\$100.00
500g	\$180.00

**2-Chloro-2',3'-O-isopropylideneadenosine-5'-N-ethylcarboxamide**

see 2-Chloro-5'-N-ethylcarboxamide-2',3'-O-isopropylidene adenosine, NC16518 on page 145

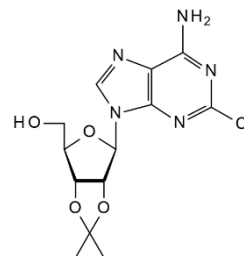
**2-Chloro-2',3'-O-isopropylideneadenosine**

• 2-Chloroadenosine-2',3'-acetone

[24639-06-3] C<sub>13</sub>H<sub>16</sub>ClN<sub>5</sub>O<sub>4</sub> 341.76

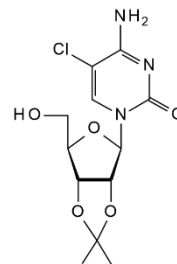
NC06329

50mg	\$132.00
100mg	\$195.00
250mg	\$375.00

**5-Chloro-2',3'-O-isopropylidene cytidine**C<sub>12</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>5</sub> 317.73

NC04761

50mg	\$89.50
100mg	\$168.00
250mg	\$250.00

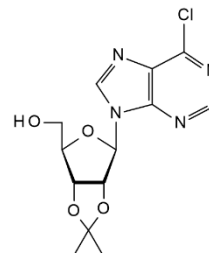
**6-Chloro-9-(2',3'-O-isopropylidene-b-D-ribofuranosyl)purine**

• 6-Chloropurine-9-(2,3-isopropylidene-b-D-ribofuranoside)

[39824-26-5] C<sub>13</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>4</sub> 326.74

NC04682

250mg	\$62.50
500mg	\$110.00
1g	\$210.00





**5-Chloro-1-(2,3-O-isopropylidene-b-D-ribofuranosyl)uracil**

see 5-Chloro-2',3'-O-isopropylideneuridine, NC04756 on page 149

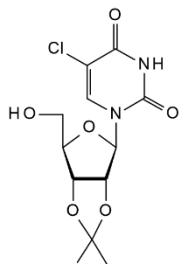
**5-Chloro-2',3'-O-isopropylideneuridine**

• 5-Chloro-1-(2,3-O-isopropylidene-b-D-ribofuranosyl)uracil

[81356-82-3] C<sub>12</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>6</sub> 318.72

NC04756

50mg	\$89.50
100mg	\$158.00
250mg	\$262.50

**2-Chloro-6-methoxypurine riboside**

see 2-Chloro-6-O-methylinosine, NC16520 on page 149

**2-Chloro-6-methoxy-9-b-D-ribofuranosyl-9H-purine**

see 2-Chloro-6-O-methylinosine, NC16520 on page 149

**4'-Chloromethyl-2'-deoxy-3',5'-di-O-isobutyryl-2'-fluorocytidine**

see ALS-8176, NA63420 on page 33

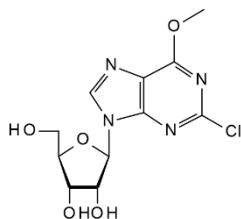
**2-Chloro-6-O-methylinosine**

- 2-Chloro-6-methoxy-9-b-D-ribofuranosyl-9H-purine
- 2-Chloro-6-methoxypurine riboside
- NSC 31144

[15465-92-6] C<sub>11</sub>H<sub>13</sub>ClN<sub>4</sub>O<sub>5</sub> 316.7

NC16520

100mg	\$140.00
250mg	\$255.00
500mg	\$465.00



Refs: Long, M, et al, Biochem. Pharmacol, 71, 1671 (2006)

**4-Chloro-5-methyl-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidine**

[443642-55-5]

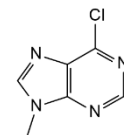
NC14090

Price On Application

**6-Chloro-9-methylpurine**[2346-74-9] C<sub>6</sub>H<sub>5</sub>ClN<sub>4</sub> 168.58

NC11301

50mg	\$115.00
100mg	\$150.00
250mg	\$325.00

**2-Chloro-6-methyl-pyrimidine-4-carboxylic acid methyl ester**

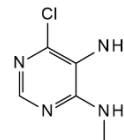
see Methyl 2-chloro-6-methylpyrimidine-4-carboxylate, NM57398 on page 313

**6-Chloro-N4-methyl-4,5-pyrimidinediamine**

[52602-68-3]

NC44314

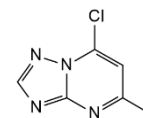
Price On Application

**4-Chloro-6-methyl-7H-pyrrolo[2,3-d]pyrimidine**

[35808-68-5]

NC44312

Price On Application



## Chloromethyl

## 6-Chloro-9-(2-C-methyl-beta-D-ribofuranosyl)-9H-purine

[205171-05-7] C<sub>11</sub>H<sub>13</sub>ClN<sub>4</sub>O<sub>4</sub> 300.7

NC14079

2g	\$1250.00
5g	\$2475.00
10g	\$3705.00



## 5-Chloro-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine

[443642-46-4] C<sub>12</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>4</sub> 314.72

NC14096

Price On Application

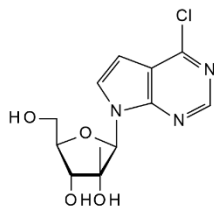


## 4-Chloro-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidine

[443642-33-9] C<sub>12</sub>H<sub>14</sub>ClN<sub>4</sub>O<sub>4</sub> 299.71

NC14084

Price On Application

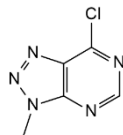


## 7-Chloro-3-methyl-3H-1,2,3-triazolo[4,5-d]pyrimidine

[21323-71-7]

NC44308

Price On Application

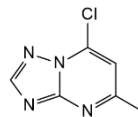


## 7-Chloro-5-methyl-[1,2,4]triazolo[1,5-a]pyrimidine

[24415-66-5]

NC44309

Price On Application



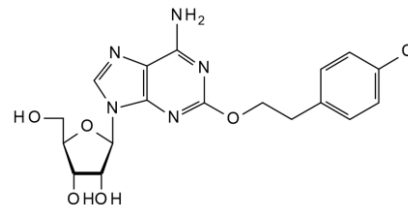
## 2-[2-(4-Chlorophenyl)ethoxy]adenosine

- Sonedenoson
- MRE 0094

[131865-88-8] C<sub>18</sub>H<sub>20</sub>ClN<sub>5</sub>O<sub>5</sub> 421.83

NC16521

10mg	\$65.00
25mg	\$100.00
50mg	\$150.00



Refs: Gao, Z. et al, Biochem. Pharmacol, 68, 1985 (2004)



## 4-(4-Chlorophenyl)pyrimidin-2-amine

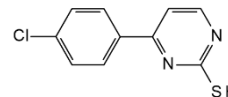
see 2-Amino-4-(4-chlorophenyl)pyrimidine, NA57403 on page 42

## 4-(4-Chlorophenyl)pyrimidine-2-thiol

[175203-08-4]

NC44282

1g	\$87.90
2g	\$140.70
5g	\$225.00



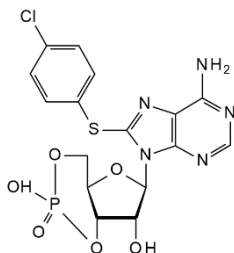
**8-(4-Chlorophenylthio)adenosine 3',5'-cyclic monophosphate**

• pCPT-cAMP

[93882-12-3] C<sub>16</sub>H<sub>15</sub>ClN<sub>5</sub>O<sub>6</sub>PS 471.81

NC10429

25mg	\$121.00
50mg	\$205.00
100mg	\$315.00

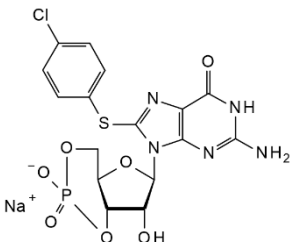
**8-(4-Chlorophenylthio)guanosine 3',5'-cyclic monophosphate sodium salt**

• 8-pCPT-cGMP

[51239-26-0] C<sub>16</sub>H<sub>14</sub>ClN<sub>5</sub>O<sub>7</sub>PS·Na 509.79

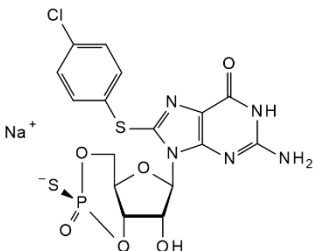
NC10430

5mg	\$78.80
10mg	\$115.50
25mg	\$171.00

**8-(4-Chlorophenylthio)guanosine 3',5'-cyclic monophosphothioate Sp-isomer sodium salt**[160385-87-5] C<sub>16</sub>H<sub>14</sub>ClN<sub>5</sub>O<sub>6</sub>PS<sub>2</sub>·Na 525.86

NC10428

1mg	\$125.00
2mg	\$210.00
5mg	\$475.00



Refs: Protected by patent DE4217679 and foreign equivalents, exclusively licensed or issued to BIOLOG LSI,

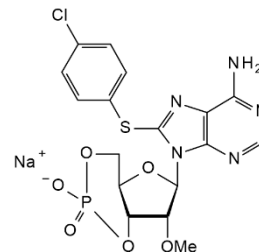
**8-(4-Chlorophenylthio)-2'-O-methyladenosine 3',5'-cyclic monophosphate sodium salt**

• 8CPT-2Me-cAMP sodium salt

[510774-50-2][634207-53-7] C<sub>17</sub>H<sub>16</sub>ClN<sub>5</sub>O<sub>6</sub>PS·Na 507.82

NC10431

1mg	\$175.00
2mg	\$250.00
5mg	\$525.00



Refs: Protected by patent no. EP 02077219.0 and foreign equivalents, exclusively licensed to BIOLOG LSI for research purposes only,

**4-[(1Z)-2-(4-Chlorophenyl)vinyl]pyridine**

[2502-99-0][45459-15-8]

NC65881

10mg	\$50.00
25mg	\$100.00
50mg	\$180.00

**5-Chloropicolinic acid methyl ester**

see 5-Chloro-2-pyridinecarboxylic acid methyl ester, NC66914 on page 152

**6-Chloropurine-2'-deoxyriboside**

see 6-Chloro-9-(2'-deoxy-b-D-ribofuranosyl)purine, NC06422 on page 144

**6-Chloropurine-9-b-D-glucoside**[66981-23-5] C<sub>11</sub>H<sub>13</sub>ClN<sub>4</sub>O<sub>5</sub> 420.16

NC29022

Price On Application



**Chloropurine****6-Chloropurine-9-(2,3-isopropylidene-b-D-ribofuranoside)**

see 6-Chloro-9-(2',3'-O-isopropylidene-b-D-ribofuranosyl)purine, NC04682 on page 148

**6-Chloropurine-9-(5-methyl-beta-D-ribofuranoside)**

see 6-(5'-Methyl-b-D-ribofuranosyl)-6-chloropurine, NM144826 on page 323

**6-Chloropurine riboside 5'-monophosphate disodium salt**[5843-59-4] C<sub>10</sub>H<sub>10</sub>ClN<sub>4</sub>Na<sub>2</sub>O<sub>7</sub>PH<sub>2</sub>O 428.63

NC29021	25mg	\$2300.00
	50mg	\$2725.00
	100mg	\$3200.00

**6-Chloropurine riboside**

see 6-Chloro-9-(b-D-ribofuranosyl)purine, NC06562 on page 153

**2-Chloropurine**[1681-15-8] C<sub>5</sub>H<sub>3</sub>ClN<sub>4</sub> 154.56

NC15936	100mg	\$75.00
	250mg	\$125.00
	500mg	\$200.00

**5-Chloro-2-pyridinecarboxylic acid methyl ester**

• 5-Chloropicolinic acid methyl ester

[132308-19-1] C<sub>7</sub>H<sub>6</sub>ClNO<sub>2</sub> 171.58

NC66914	1g	\$90.00
	2g	\$144.00
	5g	\$265.00

**2-Chloro-4-pyridinecarboxylic acid**

• 2-Chloroisonicotinic acid

[6313-54-8] C<sub>6</sub>H<sub>4</sub>ClNO<sub>2</sub> 157.55

NC70186

Price On Application

**2-Chloro-4-pyridinecarboxylic acid**

see 2-Chloroisonicotinic acid, NC70185 on page 148

**4-Chloropyrimidin-5-amine**

see 4-Chloro-5-aminopyrimidine, NC57423 on page 140

**2-Chloro-4-pyrimidinecarbonitrile**

• 2-Chloro-4-cyanopyrimidine

[75833-38-4] C<sub>5</sub>H<sub>2</sub>ClN<sub>3</sub> 139.54

NC57397	250mg	\$70.00
	500mg	\$110.00
	1g	\$292.00

**2-Chloropyrimidine-4-carboxamide**[22536-66-9] C<sub>5</sub>H<sub>4</sub>ClN<sub>2</sub>O 157.56

NC57418	100mg	\$82.00
	250mg	\$97.50
	500mg	\$155.00



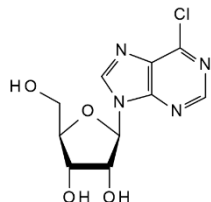
**6-Chloro-9-(b-D-ribofuranosyl)purine**

- 6-Chloropurine riboside
- 6-Chloro-6-deoxyinosine
- 6-Chloro-9-(beta-D-ribofuranosyl)purine

[5399-87-1][2004-06-0] C<sub>10</sub>H<sub>11</sub>ClN<sub>4</sub>O<sub>4</sub> 286.68

NC06562

25g	\$75.00
50g	\$125.00
100g	\$195.00



Refs: Hocek M, Holy A, Collect. Czech. Chem. Commun. Abs. 1995, 60, p1386; Mol. Pharmacol. 1966, 2, p574

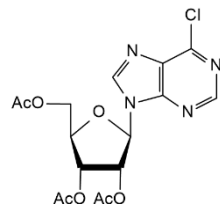
**6-Chloro-9-(beta-D-ribofuranosyl)purine**

see 6-Chloro-9-(b-D-ribofuranosyl)purine, NC06562 on page 153

**6-Chloro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**C<sub>16</sub>H<sub>17</sub>ClN<sub>4</sub>O<sub>7</sub> 412.79

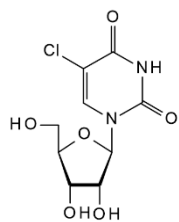
NC07342

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

**5-Chlorouridine**[2880-89-9] C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>6</sub> 278.65

NC02866

500mg	\$95.00
1g	\$157.50
2g	\$283.50



Refs: Fukuhara TKAY, Visser DW, J. Biological Chem. Vol190, No1, p95-101

**N1-cIDPR**

see Cyclic inosine diphosphate ribose, NC63575 on page 157

**Citicoline sodium salt**

- Cytidine 5'-diphosphocholine sodium salt
- CDP-choline sodium salt

[33818-15-4] C<sub>14</sub>H<sub>26</sub>N<sub>4</sub>O<sub>11</sub>P<sub>2</sub>Na 511.31

NC05679

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

**Cladribine triphosphate sodium salt**

see 2-Chloro-2'-deoxyadenosine 5'-triphosphate sodium salt, NC76589 on page 141

**Cladribine**

see 2-Chloro-2'-deoxyadenosine, NC06337 on page 141

**8-Cl-5'-AMP**

see 8-Chloroadenosine-5'-monophosphate, NC71639 on page 139

**8-Cl-cAMP**

see 8-Chloroadenosine 3',5'-cyclic monophosphate, NC10380 on page 139

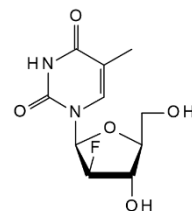
**Clevudine**

- Levovir
- 2'-Deoxy-2'-fluoro-5-methylarabinofuranosyluracil
- 1-(2'-Deoxy-2'-fluoro-b-L-arabinofuranosyl)-5-methyluracil

[163252-36-6] C<sub>10</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>5</sub> 260.22

NC09470

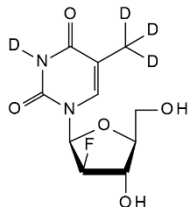
50mg	\$55.00
100mg	\$85.00
250mg	\$170.00



**Clevudine****Clevudine-d4**C<sub>10</sub>H<sub>9</sub>FN<sub>2</sub>O<sub>5</sub>D<sub>4</sub> 264.25

NC09471

Price On Application

**Clofarabine 5'-monophosphate triethylammonium salt**

NC15334

1mg	\$504.00
2mg	\$882.00
5mg	\$1890.00

**Clofarabine 5'-triphosphate triethylammonium salt**C<sub>10</sub>H<sub>14</sub>ClFN<sub>5</sub>O<sub>12</sub>P<sub>3</sub> 543.62 (free acid)

NC15333

1mg	\$395.00
2mg	\$700.00
5mg	\$1460.00

**Clofarabine**

see 6-Amino-2-chloro-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine, NA07154 on page 40

**2'-CMethylcytidine 5'-monophosphate**

NM29278

Price On Application

**5'-CMP.2Na**

see Cytidine 5'-monophosphate disodium salt, NC05637 on page 160

**2'-CMP**

see Cytidine 2'-monophosphate sodium salt, NC13474 on page 161

**Coaristeromycin**

see Carbocyclic inosine, NC29205 on page 136

**CoA triiithium salt**

see Coenzyme A triiithium salt, NC20534 on page 155

**CoA**

see Coenzyme A hydrate, NC45965 on page 154

**Coenzyme A hydrate**

• CoA

[85-61-0]	C <sub>21</sub> H <sub>36</sub> N <sub>7</sub> O <sub>16</sub> P <sub>3</sub> S·xH <sub>2</sub> O	767.54 (anhydrous basis)		
			25mg	\$60.00
NC45965			50mg	\$95.00
			100mg	\$175.00

**Coenzyme A sodium salt hydrate**[55672-92-9] C<sub>21</sub>H<sub>36</sub>N<sub>7</sub>O<sub>16</sub>P<sub>3</sub>SNa 790.53

			10mg	\$65.00
NC47123			25mg	\$105.00
			50mg	\$195.00



**Coenzyme A trilithium salt**

- CoA trilithium salt
- Trilithium coenzyme A

[18439-24-2] C<sub>21</sub>H<sub>33</sub>Li<sub>3</sub>N<sub>7</sub>O<sub>16</sub>P<sub>3</sub>S 785.33

NC20534	25mg	\$60.00
	50mg	\$95.00
	100mg	\$175.00



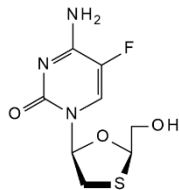
Refs: Strickland K.C. et al, J. Biol. Chem, 285, 1627 (2010); Elovson J. et al, J. Biol. Chem, 243, 3603 (1968)

**coenzyme II**see *b-Nicotinamide adenine dinucleotide phosphate potassium salt hydrate, NN11481 on page 331***Coenzyme 1**see *b-Nicotinamide adenine dinucleotide, NN11969 on page 333***Coenzyme 1**see *b-Nicotinamide adenine dinucleotide sodium salt dihydrate, NN44827 on page 333***Cordycepin**see *3'-Deoxyadenosine, ND02930 on page 173***9-Cordyceposidoadenine**see *3'-Deoxyadenosine, ND02930 on page 173***Coviracil**

- Emtricitabine
- (-)-2',3'-Dideoxy-5-fluoro-3'-thiacytidine
- (-)-cis-FTC

[143491-57-0][143491-54-7] C<sub>8</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>3</sub>S 247.25

NC05645	1g	\$55.00
	2g	\$90.00
	5g	\$175.00

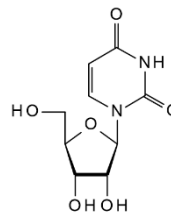
**CPA**see *N(6)-Cyclopentyladenosine, NC45738 on page 158***6-cPe-5'-AMP**see *N6-Cyclopentyladenosine-5'-O-monophosphate, NN64048 on page 158***8CPT-2Me-cAMP sodium salt**see *8-(4-Chlorophenylthio)-2'-O-methyladenosine 3',5'-cyclic monophosphate sodium salt, NC10431 on page 151***CP-4126**see *Gemcitabine 5'-elaidate, NC05399 on page 281***Crotonoside**see *Isoguanosine hydrate, NI07234 on page 298***2,2-Cryo-5-methyluridine**

NC04077

Price On Application

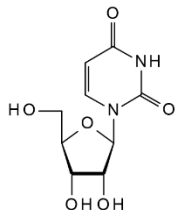
**5'-CTP-Na2**see *Cytidine 5'-triphosphate disodium salt dihydrate, NC66105 on page 161***5'-CTP-2Na**see *Cytidine 5'-triphosphate disodium salt, NC03860 on page 161***1'-13C<sub>U</sub>ridine**[201996-62-5] <sup>13</sup>C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 245.19

NU34299	10mg	\$136.50
	25mg	\$304.50
	50mg	\$525.00

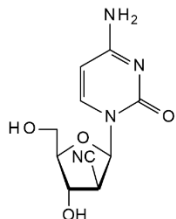


**CUridine****2'-13C Uridine**

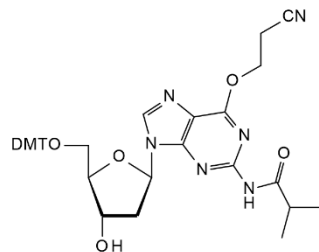
[478511-11-4] <sup>13</sup>CC<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 245.19  
 100mg \$910.00  
 NU34300

**2'-Cyano-2'-deoxy-1-(β-D-arabinofuranosyl)cytosine**

[135598-68-4] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub> 252.23  
 Price On Application  
 NC29827

**6-O-(2-Cyanoethyl)-2'-deoxy-5'-O-DMT-N2-Isobutyrylguanosine**

[90662-86-5] C<sub>38</sub>H<sub>40</sub>N<sub>6</sub>O<sub>7</sub> 692.76  
 Price On Application  
 NC141773

**Cyclic adenosine 5'-diphosphate ribose ammonium salt**

• ADP-cyclo[N1:1']-ribose  
 [119340-53-3] C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>13</sub>P<sub>2</sub>·NH<sub>3</sub> 558.33  
 250ug \$225.00  
 500ug \$350.00  
 1mg \$675.00  
 NC11582

**Cyclic AMP**

see *Adenosine 3',5'-cyclic monophosphate, NA08991 on page 22*

**Cyclic bis (3',5') diguanylic acid**

see *Cyclic diguanosine monophosphate, NC46014 on page 157*

**Cyclic di-adenosine monophosphate sodium salt**

• Cyclic diadenylate  
 • Cyclic di-AMP  
 [54447-84-6] C<sub>20</sub>H<sub>24</sub>N<sub>10</sub>O<sub>12</sub>P<sub>2</sub>·xNa 658.41 (free acid basis)  
 1mg \$320.00  
 2mg \$550.00  
 5mg \$1200.00  
 NC64061

**Cyclic diadenylate**

see *Cyclic di-adenosine monophosphate sodium salt, NC64061 on page 156*

**Cyclic di-AMP**

see *Cyclic di-adenosine monophosphate sodium salt, NC64061 on page 156*

**Cyclic-di-GMP**

see *Cyclic diguanosine monophosphate, NC46014 on page 157*



**Cyclic diguanosine monophosphate 2'-PEG**

NC59484

Price On Application

**Cyclic diguanosine monophosphate**

- C-di-GMP
- Cyclic-di-GMP
- Cyclic bis (3',5') diguanylic acid

[61093-23-0] C<sub>20</sub>H<sub>24</sub>N<sub>10</sub>O<sub>14</sub>P<sub>2</sub> 690.41

NC46014

1mg	\$320.00
2mg	\$550.00
5mg	\$1200.00

**3',3'-Cyclic GAMP**

- Cyclic [G(3',5')pA(3',5')p]

- cyclic GMP-AMP
- c-GpAp sodium salt

[849214-04-6] C<sub>20</sub>H<sub>22</sub>N<sub>10</sub>O<sub>13</sub>P<sub>2</sub>·2Na 718.38

NC137624

Price On Application

**cyclic GMP-AMP**

see 3',3'-Cyclic GAMP, NC137624 on page 157

**cyclic GMP**

see Guanosine 3',5'-cyclic monophosphate sodium salt, NG08975 on page 283

**Cyclic [G(3',5')pA(3',5')p]**

see 3',3'-Cyclic GAMP, NC137624 on page 157

**Cyclic inosine diphosphate ribose**

- N1-clDPR

[856702-89-1] C<sub>15</sub>H<sub>20</sub>N<sub>4</sub>O<sub>14</sub>P<sub>2</sub> 542.29

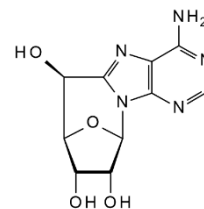
NC63575

Price On Application

**8,5'-(S)-Cycloadenosine**[41432-67-1] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>4</sub> 265.23

NC01366

5mg	\$215.30
10mg	\$325.50
25mg	\$709.00

**Cyclocytidine HCl**

see 2,2'-Anhydrocytidine HCl, NA01967 on page 67

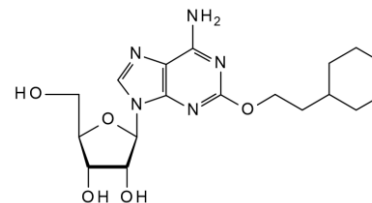
**2-(2-Cyclohexylethoxy)adenosine**

- WRC 0013

[131933-18-1] C<sub>18</sub>H<sub>27</sub>N<sub>5</sub>O<sub>5</sub> 393.44

NC16523

50mg	\$140.00
100mg	\$255.00
250mg	\$462.50



Refs: Gao, Z, et al, Biochem. Pharmacol, 68, 1985 (2004); Perez G, et al, Bioorg. Med. Chem, 12, 2985 (2004); Adachi, H, et al, J. Med. Chem, 50, 1810 (2007)

**Cyclohexylpy****2-Cyclohexyl-5-pyrimidinecarbaldehyde**[959240-13-2] C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O 190.24

NC57440

1g	\$81.40
2g	\$130.10
5g	\$323.00

**Cyclopentenylyl cytosine 5'-triphosphate sodium salt**

NC58674

Price On Application

**Cyclopentenylyl cytosine**

• 4-Amino-1-[[1R,4R,5S)-4,5-dihydroxy-3-(hydroxymethyl)-2-cyclopenten-1-yl]-2(1H)-pyrimidinone

[90597-22-1] C<sub>10</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub> 239.23

NC58281

1mg	\$650.00
2mg	\$1200.00
5mg	\$2500.00

**N6-Cyclopentyladenosine-5'-O-monophosphate**

• 6-cPe-5'-AMP

[117778-38-8] C<sub>15</sub>H<sub>22</sub>N<sub>5</sub>O<sub>7</sub>P 415.34

NN64048

Price On Application

**N(6)-Cyclopentyladenosine**

• CPA

[41552-82-3] C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>4</sub> 335.36

NC45738

10mg	\$55.00
25mg	\$90.00
50mg	\$140.00

**N6-Cyclopentyl-2'-C-methyl-adenosine**[205171-06-8] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>4</sub> 349.39

NC14080

25mg	\$57.50
50mg	\$90.00
100mg	\$145.00

**4-(Cyclopropylamino)-2-(Methylthio)Pyrimidine-5-Carboxylic Acid**[1015856-32-2] C<sub>9</sub>H<sub>11</sub>N<sub>3</sub>O<sub>2</sub>S 225.27

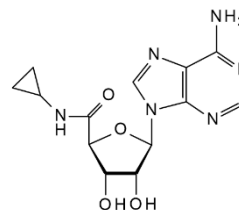
NC57384

25mg	\$93.00
50mg	\$186.00
100mg	\$298.00

**5'-(N-Cyclopropyl)carboxamidoadenosine**[50908-62-8] C<sub>13</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub> 320.31

NC07982

5mg	\$125.00
10mg	\$200.00
25mg	\$375.00

**O-2,2'-Cyclouridine**

see 2,2'-Anhydrouridine, NA05939 on page 69

**Cytarabine HCl**see 1-(*b*-D-Arabinofuranosyl)cytosine HCl, NA05780 on page 73**Cytarabine-5-monophosphate-15N2,13C1**

NC11680

Price On Application

**Cytarabine 5'-Monophosphate**see 1-(*b*-D-Arabinofuranosyl)cytosine 5'-monophosphate, NA10080 on page 73**Cytarabine 5'-triphosphate triethylammonium salt**see 1-(*b*-D-Arabinofuranosyl)cytosine 5'-triphosphate triethylammonium salt, NA15329 on page 73**Cytarabine-5-b,Y-(1-hydroxyethylidene) triphosphate-d3**

NC11678

Price On Application

**Cytarabine**see 1-(*b*-D-Arabinofuranosyl)cytosine, NA05771 on page 73**Cytidine 5'-[3-(2-aminoethyl) dihydrogen diphosphate] disodium salt**

see Cytidine 5'-diphosphate ethanolamine disodium salt, NC28916 on page 160

**Cytidine based prodrug with gemcitabine**

NC04468

Price On Application

**Cytidine-5-carboxylic acid sodium salt**

[64623-37-6]

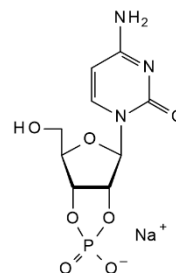
NC15472

5mg	\$160.00
10mg	\$290.00
25mg	\$575.00

**Cytidine 2',3'-cyclic monophosphate monosodium salt**[15718-51-1] C<sub>9</sub>H<sub>11</sub>N<sub>3</sub>O<sub>7</sub>P·Na 327.16

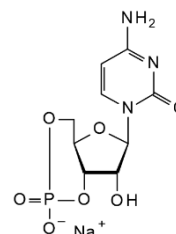
NC11429

10mg	\$75.00
25mg	\$135.00
50mg	\$175.00

**Cytidine 3',5'-cyclic monophosphate monosodium salt**[54925-33-6] C<sub>9</sub>H<sub>11</sub>N<sub>3</sub>O<sub>7</sub>PNa 327.16

NC09356

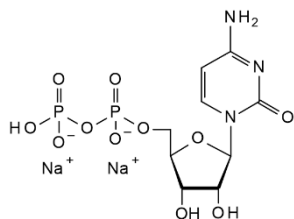
10mg	\$199.50
25mg	\$394.00
50mg	\$630.00



**Cytidinediph****Cytidine 5'-diphosphate disodium salt**[54394-90-0] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>11</sub>P<sub>2</sub>·Na<sub>2</sub> 447.14

NC09380

2g	\$60.00
5g	\$100.00
10g	\$160.00

**Cytidine 5'-diphosphate ethanolamine disodium salt**

- Cytidine 5'-[3-(2-aminoethyl) dihydrogen diphosphate] disodium salt
- CDP-ethanolamine disodium salt

[3036-18-8] C<sub>11</sub>H<sub>18</sub>N<sub>4</sub>O<sub>11</sub>P<sub>2</sub> 490.21

NC28916

1mg	\$95.00
2mg	\$150.00
5mg	\$300.00

**Cytidine-5'-diphosphate trisodium salt**

- CYTIDINE-5'-DIPHOSPHATE trisodium salt

[34393-59-4] C<sub>9</sub>H<sub>12</sub>N<sub>3</sub>Na<sub>3</sub>O<sub>11</sub>P<sub>2</sub> 469.12

NC46163

50mg	\$50.00
100mg	\$85.00
250mg	\$140.00

**Cytidine 5'-diphosphocholine sodium salt**see *Citicoline sodium salt*, NC05679 on page 153**Cytidine hemisulfate salt**

- Cytosine b-D-ribose hemisulfate salt

[6018-48-0] 292.26

NC57355

Price On Application

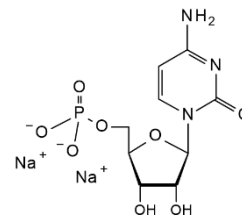
**Cytidine 5'-monophosphate disodium salt**

- 5'-CMP.2Na

[6757-06-8] C<sub>9</sub>H<sub>12</sub>N<sub>3</sub>Na<sub>2</sub>O<sub>8</sub>P 367.16

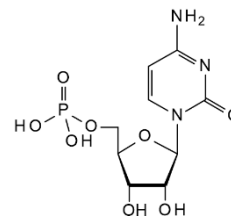
NC05637

50g	\$60.00
100g	\$95.00
250g	\$195.00

**Cytidine 5'-monophosphate free acid**[63-37-6] C<sub>9</sub>H<sub>14</sub>N<sub>3</sub>O<sub>8</sub>P 323.2

NC02951

100g	\$55.00
250g	\$125.00
500g	\$200.00



**Cytidine 3'-monophosphate lithium salt**

• 3'-Cytidylic acid lithium salt

[54874-07-6]  $C_9H_{14}N_3O_8P \cdot xLi$  323.20 (free acid basis)

NC46261

Price On Application

**Cytidine-2'-monophosphate sodium salt**• 2'-CMP  
• 2'-Cytidylic acid[81487-28-7][85-94-9]  $C_9H_{14}N_3O_8P \cdot xNa$  323.20 (free acid basis)

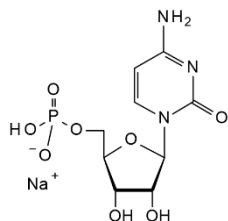
NC13474

1ug	\$250.00
3ug	\$585.00
8ug	\$1000.00

**Cytidine 5'-monophosphate sodium salt** $C_9H_{14}N_3O_8P \cdot xNa$  323.20 (free acid basis)

NC00007

25g	\$50.00
50g	\$85.00

**Cytidine 3'(2')-monophosphate**• 3'(2')-Cytidylic acid  
• Ribocytidine 3'(2')-Monophosphate  
• 3'(2')-Cytosylic acid[84-52-6][81487-29-8][85-94-9][27214-06-8]  $C_9H_{14}N_3O_8P$  323.2

NC03937

5mg	\$60.00
10mg	\$95.00
25mg	\$175.00

**Cytidine-5'-phosphate-3'-(6-aminohexyl)phosphate-biotin triethylammonium salt - 1 mM aqueous solution (10 mM Tris-HCl)** $C_{25}H_{42}N_6O_{13}P_2S_1$  728.65

NC57576

Price On Application

**Cytidine-5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution**

• a-Thio-CTP

[118353-34-7]  $C_9H_{16}N_3O_{13}P_3S \cdot xLi$  499.22 (free acid basis)

NC58206

0.5ug	\$125.00
1ug	\$225.00
2ug	\$395.00

**Cytidine 5'-triphosphate disodium salt dihydrate**

• 5'-CTP-Na2

[81012-87-5]  $C_9H_{14}N_3O_{14}P_3 \cdot 2Na \cdot 2H_2O$  563.15

NC66105

100mg	\$50.00
250mg	\$100.00
500mg	\$180.00

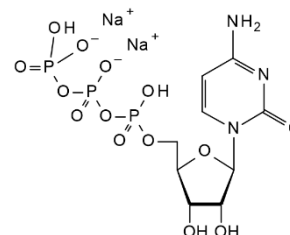
**Cytidine 5'-triphosphate disodium salt**

• 5'-CTP-2Na

[36051-68-0][81012-87-5][652154-13-7][65-47-4]  $C_9H_{14}N_3Na_2O_{14}P_3$  527.12

NC03860

2g	\$60.00
5g	\$95.00
10g	\$160.00



**Cytidinetrip****Cytidine-5'-triphosphate, lithium salt**

NC32076

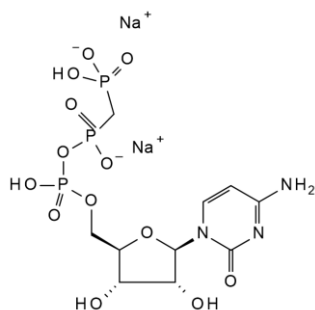
Price On Application

**Cytidine-5'-triphosphate**

[123334-07-6]

NC44276

Price On Application

**Cytidine**

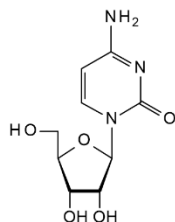
[65-46-3]

C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>

243.22

NC04070

100g	\$60.00
250g	\$110.00
500g	\$200.00



Refs: Matsuhashi S, Matsuhashi M, JL Strominger, J. Biol. Chem. 1966, Sept 25, 241(18), 4267-74

**L-Cytidine**

• 1-(β-L-ribofuranosyl)cytosine

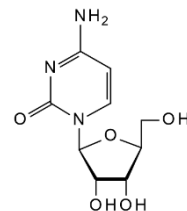
[26524-60-7]

C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>

243.22

NC02628

1g	\$63.00
2g	\$105.00
5g	\$157.50



Refs: Verri A, Focher F, Priori G, Gosselin G, Imbach J-L, Capobianco M, Garbesi A, Spadari S, Mol. Pharmacol. 1997, Vol51, No1, p132-138

**Cytidyl-3'-5'-adenosine ammonium salt**

NC46046

1mg	\$475.00
2mg	\$925.00
5mg	\$1625.00

**Cytidyl-3'-5'-guanosine ammonium salt**

[2382-65-2]

C<sub>19</sub>H<sub>25</sub>N<sub>9</sub>O<sub>12</sub>P

588.42

NC59514

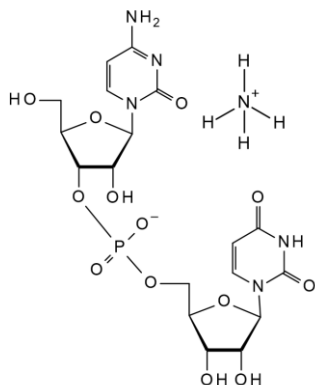
Price On Application

**3'-Cytidylic acid lithium salt**see *Cytidine 3'-monophosphate lithium salt, NC46261 on page 161***2'-Cytidylic acid**see *Cytidine 2'-monophosphate sodium salt, NC13474 on page 161***3'(2')-Cytidylic acid**see *Cytidine 3'(2')-monophosphate, NC03937 on page 161*

**Cytidyl-3'-5'-uridine ammonium salt**[27552-97-2] C<sub>18</sub>H<sub>24</sub>N<sub>6</sub>O<sub>13</sub>P·NH<sub>3</sub> 566.42

NC07990

1mg	\$525.00
2mg	\$945.00
5mg	\$1968.80

**Cytosine-b-D-arabinofuranoside**

see 1-(b-D-Arabinofuranosyl)cytosine, NA05771 on page 73

**Cytosine b-D-arabinofuranoside HCl**

see 1-(b-D-Arabinofuranosyl)cytosine HCl, NA05780 on page 73

**Cytosine b-D-arabinofuranoside 5'-monophosphate**

see 1-(b-D-Arabinofuranosyl)cytosine 5'-monophosphate, NA10080 on page 73

**Cytosine b-D-riboside hemisulfate salt**

see Cytidine hemisulfate salt, NC57355 on page 160

**3'(2')-Cytosylic acid**

see Cytidine 3'(2')-monophosphate, NC03937 on page 161

**3'-dA-CPG**

see N6-Benzoyl-3'-deoxy-5'-O-DMT-adenosine 2'-O-succinoyl-long chain alkylamino-CPG, NB39290 on page 99

**5'-dAMP free acid**

see 2'-Deoxyadenosine-5'-monophosphate free acid, ND05971 on page 171

**dAMP.2Na**

see 2'-Deoxyadenosine-5'-monophosphate disodium salt, ND15298 on page 171

**dAMP.Na**

see 2'-Deoxyadenosine 5'-monophosphate sodium salt, ND46696 on page 172

**N6-Dansylhexyl-5'-ethylcarboxamidoadenosine**

- 1-Deoxy-1-[6-[[[5-dimethylamino)-1-naphthalenyl]sulfonyl]amino]hexyl]amino]-9H-purin-9-yl]-N-ethyl-b-D-ribofuranuronamide
- Dansyl-NECA

[219982-12-4] C<sub>30</sub>H<sub>40</sub>N<sub>6</sub>O<sub>6</sub>S 640.75

ND59462

100mg	\$2400.00
250mg	\$4125.00
500mg	\$7250.00

**Dansyl-NECA**

see N6-Dansylhexyl-5'-ethylcarboxamidoadenosine, ND59462 on page 163

**DAPA**

see 2,6-Diamino-9-(b-D-arabinofuranosyl)purine, ND03400 on page 230

**dApCpp**

see 2'-Deoxyadenosine-5'-[(a,b)-methyleno]triphosphate sodium salt - 10 mM aqueous solution, ND46688 on page 171

**5'-dATP 2Na**

see 2'-Deoxyadenosine-5'-triphosphate disodium salt, ND04010 on page 172

**dATP**

see 2'-Deoxyadenosine-5'-triphosphate trisodium salt, ND05744 on page 172

**dATP - 100 mmol solution**[1927-31-7] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>12</sub>P 429.23

ND46290

1mg	\$90.00
-----	---------



**DBcAMPNa****DB-cAMP . Na**

see *N*<sub>6</sub>,2'-*O*-Dibutyryladenine 3',5'-cyclic monophosphate sodium salt, ND07996 on page 235

**DBR**

see 5,6-Dichlorobenzimidazole-1-*b*-*D*-ribofuranoside, ND06701 on page 235

**5'-dCMP free acid**

see 2'-Deoxycytidine-5'-monophosphate free acid, ND02993 on page 175

**3'-dCMP.Na**

see 2'-Deoxycytidine-3'-monophosphate sodium salt, ND46691 on page 175

**5'-dCMPS**

see 2'-Deoxycytidine-5'-*O*-monophosphorothioate sodium salt, ND46694 on page 175

**3'-dCMP**

see 2'-Deoxycytidine-3'-monophosphate ammonium salt, ND46693 on page 174

**5'-dCTP Na3**

see 2'-Deoxycytidine-5'-triphosphate trisodium salt, ND05687 on page 176

**dCTPS**

see 2'-Deoxycytidine-5'-*O*-(1-thiotriphosphate) sodium salt - 10 mM aqueous solution, ND32069 on page 176

**dCTP - 100mmol solution**

[109909-44-6]    C<sub>9</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>    467.16    1mg    \$90.00  
ND46291

**ddATP**

see 2',3'-Dideoxyadenosine-5'-triphosphate lithium salt - 100mM aqueous solution, ND32077 on page 240

**ddCTP**

see 2',3'-Dideoxycytidine-5'-triphosphate lithium salt - 100mM aqueous solution, ND32066 on page 240

**ddC**

see 2',3'-Dideoxycytidine, ND06559 on page 240

**dd-GTP**

see 2',3'-Dideoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution, ND32065 on page 243

**DDI**

see 2',3'-Dideoxyinosine, ND02929 on page 244

**ddUTP**

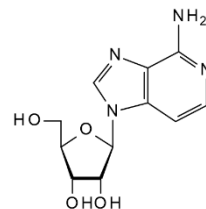
see 2',3'-Dideoxyuridine-5'-triphosphate lithium salt - 100mM aqueous solution, ND10276 on page 246

**3-Deazaadenosine**

• 4-Amino-1-(*b*-*D*-ribofuranosyl)-1*H*-imidazo[4,5-*d*]-pyridine

[6736-58-9]    C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>    266.26

ND04697    1mg    \$95.00  
2mg    \$170.00  
5mg    \$325.00



**Refs:** Biochem Biophys. Res. Comm. 1978, 84,1, p102; Flexner CW, et al, Lancet 1992, 339, p438; Proc. Natl. Acad. Sci. USA 1978, 75,12, p6220

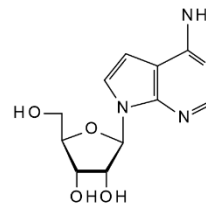
**7-Deazaadenosine**

• Tubercidin

• 4-Amino-7-*b*-*D*-ribofuranosyl-7*H*-pyrrolo[2,3-*d*]pyrimidine

[69-33-0]    C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>    266.26

ND06290    25mg    \$75.00  
50mg    \$112.50  
100mg    \$200.00

**7-Deaza-7-carbamoyladenosine**

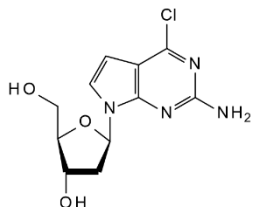
see Sangivamycin, NS139064 on page 353



**7-Deaza-4-Cl-2'-deoxyguanosine**[104291-17-0] C<sub>11</sub>H<sub>13</sub>ClN<sub>4</sub>O<sub>3</sub> 284.7

ND57492

1g	\$800.00
2g	\$1400.00
5g	\$3000.00

**7-Deaza-7-cyanoadenosine**see *Toyoamycin*, NT44985 on page 369**3-Deaza-2'-Deoxyadenosine**[78582-17-9] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub> 250.25

ND57491

500mg	\$1295.00
1g	\$1750.00
2.5g	\$3500.00

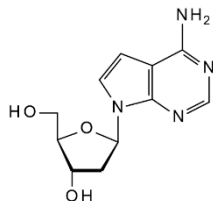
**7-Deaza-2'-deoxyadenosine**

- 2-Deoxytubercidin
- 7-(2-Deoxy-β-D-erythro-pentofuranosyl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine

[60129-59-1] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub> 250.26

ND02936

50mg	\$90.00
100mg	\$150.00
250mg	\$325.00



Refs: Seela F, Driller H, Helv. Chim. Acta 1988, Vol71, Issue 5, p1191-1198; Biochemistry 1987, 26, 8, p2232

**7-deaza-3'-deoxy-adenosine**

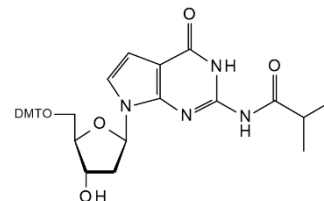
ND29525

Price On Application

**7-Deaza-2'-deoxy-5'-O-DMT-N2-isobutyrylguanosine**C<sub>38</sub>H<sub>38</sub>N<sub>4</sub>O<sub>7</sub> 638.73

ND08311

1g	\$525.00
2g	\$945.00
5g	\$1050.00

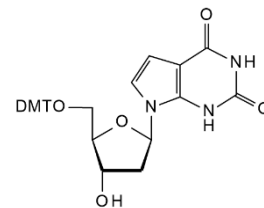
**7-Deaza-2'-deoxy-5'-O-DMT-xanthosine**

- 5'-O-DMT-7-deaza-2'-deoxyxanthosine
- 7-[5-O-[Bis(4-methoxyphenyl)phenylmethyl]-2-deoxy-β-D-erythro-pentofuranosyl]-1H-pyrrolo[2,3-d]pyrimidine-2,4(3H,7H)-dione

[869355-16-8] C<sub>32</sub>H<sub>31</sub>N<sub>3</sub>O<sub>7</sub> 569.6

ND10364

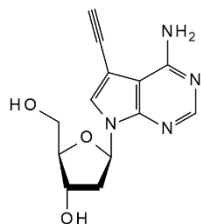
25mg	\$79.00
50mg	\$147.00
100mg	\$231.00



**Deazadeoxyet****7-Deaza-2'-deoxy-7-ethynyladenosine**C<sub>13</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub> 274.28

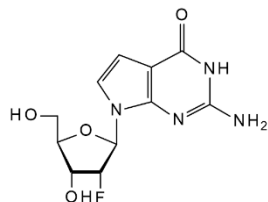
ND44812

0.5mg	\$300.00
1mg	\$550.00
2mg	\$1000.00

**7-Deaza-2'-deoxy-2'-fluoroguanosine**C<sub>11</sub>H<sub>14</sub>FN<sub>4</sub>O<sub>4</sub> 284.25

ND08348

Price On Application

**7-Deaza-2'-deoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution**

• 7-Deaza-dGTP.Li

[101515-08-6] C<sub>11</sub>H<sub>17</sub>N<sub>4</sub>O<sub>13</sub>P<sub>3</sub>·xLi 506.19 (free acid basis)

ND157323

500ug	\$125.00
1mg	\$225.00
2mg	\$410.00

**7-Deaza-2'-deoxyguanosine-5'-triphosphate sodium salt - 10mM aqueous solution**

• 7-Deaza-dGTP.Na

[101515-08-6] C<sub>11</sub>H<sub>17</sub>N<sub>4</sub>O<sub>13</sub>P<sub>3</sub>·xNa 506.19 (free acid basis)

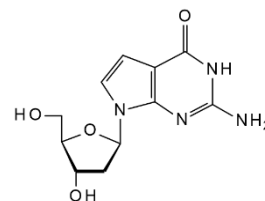
ND157324

500ug	\$225.00
1mg	\$350.00
2mg	\$460.00

**7-Deaza-2'-deoxyguanosine**[86392-75-8] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub> 266.26

ND02887

25mg	\$79.00
50mg	\$131.50
100mg	\$200.00

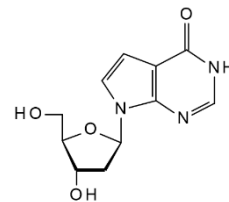


Refs: Seela F, Driller H, Helv. Chim. Acta 1988, Vol71, Issue 5, p1191-1198

**7-Deaza-2'-deoxyinosine**[97224-58-3] C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub> 251.24

ND06187

50mg	\$95.00
100mg	\$168.00
250mg	\$325.00



Refs: Loakes D, Nucleic Acids Res. 2001, Vol29, No12, p2437-2447



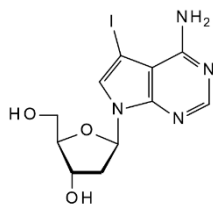
**7-Deaza-2'-deoxy-7-iodoadenosine**

• 2'-deoxy-7-iodotubercidin

[908130-61-0][166247-63-8] C<sub>11</sub>H<sub>13</sub>N<sub>4</sub>O<sub>3</sub> 376.16

ND06190

25mg	\$60.00
50mg	\$95.00
100mg	\$170.00

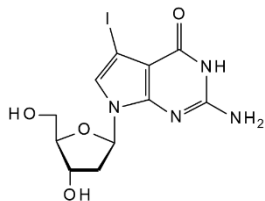


Refs: Seela F, Zulauf M, Chem. Eur. J. 1998, Vol4, No9, p1781-1790

**7-Deaza-2'-deoxy-7-iodoguanosine**[172163-62-1] C<sub>11</sub>H<sub>13</sub>N<sub>4</sub>O<sub>4</sub> 392.16

ND02147

25mg	\$75.00
50mg	\$110.00
100mg	\$180.00

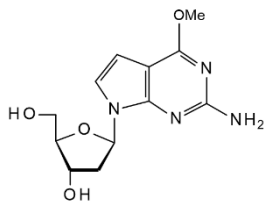


Refs: Ramzaeva N, Mittelbach C, Seela F, Helv. Chim. Acta Vol80, No6, p1809-1822

**7-Deaza-2'-deoxy-6-methoxyguanosine**[86392-74-7] C<sub>12</sub>H<sub>16</sub>N<sub>4</sub>O<sub>4</sub> 280.29

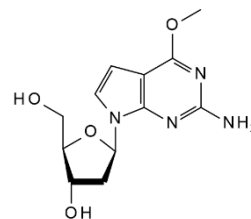
ND06168

50mg	\$94.50
100mg	\$158.00
250mg	\$342.50

**7-Deaza-2'-deoxy-O6-methylguanosine**C<sub>12</sub>H<sub>16</sub>N<sub>4</sub>O<sub>4</sub> 280.28

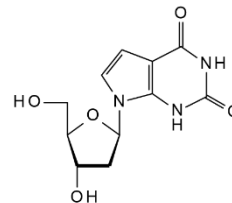
ND31362

50mg	\$210.00
100mg	\$315.00
250mg	\$525.00

**7-Deaza-2'-deoxyxanthosine**[96022-82-1] C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 267.24

ND02491

5mg	\$78.80
10mg	\$136.50
25mg	\$210.00

**7-Deaza-dGTP.Li**

see 7-Deaza-2'-deoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution, ND157323 on page 166

**7-Deaza-dGTP.Na**

see 7-Deaza-2'-deoxyguanosine-5'-triphosphate sodium salt - 10mM aqueous solution, ND157324 on page 166

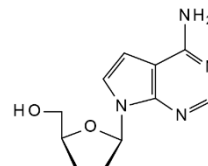
**7-Deaza-2',3'-dideoxyadenosine**

• 2',3'-dideoxytubercidin

[40627-30-3] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub> 234.26

ND00041

5mg	\$75.00
10mg	\$125.00
25mg	\$210.00

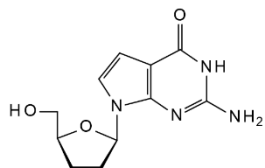


Refs: Seela F, Gumbiowski R, Helv. Chim. Acta 1991, Vol74, Issue 5, p1048-1058

**Deazadideoxy****7-Deaza-2',3'-dideoxyguanosine**C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub> 250.26

ND06191

2mg	\$42.00
5mg	\$63.00
10mg	\$89.30



Refs: Seela F, Wei C, Helv. Chim. Acta 1999, Vol82, No5, p726-745

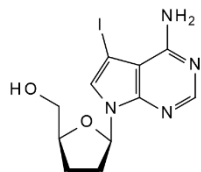
**7-Deaza-2',3'-dideoxy-7-iodoadenosine**

• 2'3'-dideoxy-7-iodotubercidin

[114748-70-8] C<sub>11</sub>H<sub>13</sub>I<sub>N</sub><sub>4</sub>O<sub>2</sub> 360.15

ND44800

2mg	\$60.00
5mg	\$100.00
10mg	\$160.00

**7-Deaza-2',3'-dideoxy-7-iodoguanosine**[114748-67-3] C<sub>11</sub>H<sub>13</sub>N<sub>4</sub>O<sub>3</sub>I 376.15

NI57362

25mg	\$335.00
50mg	\$525.00
100mg	\$825.00

**7-Deaza-2'-C-ethynyladenosine**[1044589-82-3] C<sub>13</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub> 290.27

ND15347

Price On Application

**3-Deazaguanosine**[56039-11-3] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 282.25

ND30048

Price On Application

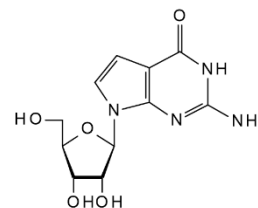
**7-Deazaguanosine**

• 2-Amino-7-b-D-ribofuranosyl[3,2-d]pyrimidin-4-one

[62160-23-0] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 282.26

ND05752

10mg	\$65.00
25mg	\$115.00
50mg	\$175.00



Refs: Watanabe M, Matsuo M, Tanaka S, Akimoto H, Asahi S, Nishimura S, Katze JR, Hashizume T, Crain PF, McCloskey JA, J. Biol. Chem. 1997, Vol272, No32, p20146-20151

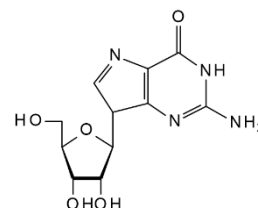
**9-Deazaguanosine**

• 2-Amino-7-b-D-ribofuranosyl[3,2-d]pyrimidin-4-one

[102731-45-3] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 282.25

ND06109

5mg	\$183.80
10mg	\$336.00
25mg	\$735.00



Refs: Lim MI, Ren WY, Otter BA, Klein RS, J. Org. Chem. 1983, Vol40, p780-788

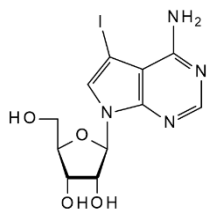
**7-Deaza-7-iodoadenosine**

• 5-Iodotubercidin

[24386-93-4] C<sub>11</sub>H<sub>13</sub>N<sub>4</sub>O<sub>4</sub> 392.15

ND09248

1mg	\$102.70
2mg	\$158.12
5mg	\$253.50

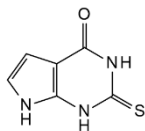


Refs: Parkinson, Geiger, J. Pharmacol. Exp. Ther, 1996, 277, p1397; Fluckiger-Isler et.al, Biochem. J, 1993, 292, p85

**7-Deaza-2-mercaptopyoxanthine**C<sub>6</sub>H<sub>5</sub>N<sub>3</sub>OS 167.19

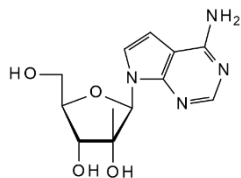
ND10405

250mg	\$172.50
500mg	\$265.00
1g	\$420.00

**7-Deaza-2'-C-methyladenosine**[443642-29-3] C<sub>12</sub>H<sub>16</sub>N<sub>4</sub>O<sub>4</sub> 280.29

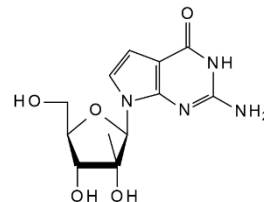
ND08351

10mg	\$85.00
25mg	\$150.00
50mg	\$250.00

**7-Deaza-2'-C-methylguanosine**[443642-38-4] C<sub>12</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub> 296.29

ND08382

5mg	\$2100.00
10mg	\$3000.00
25mg	\$4000.00

**7-Deaza-2'-C-methylinosine**C<sub>11</sub>H<sub>11</sub>N<sub>3</sub>O<sub>6</sub> 281.22

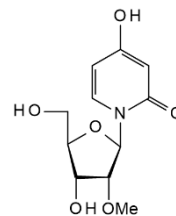
ND72433

10mg	\$75.00
25mg	\$125.00
50mg	\$200.00

**3-Deaza-2'-O-methyluridine**[57165-33-0] C<sub>11</sub>H<sub>15</sub>NO<sub>6</sub> 257.24

ND58308

Price On Application

**3-Deaza-3'-O-methyluridine**

• 4-Hydroxy-1-(3-O-methyl-b-D-ribofuranosyl)-2(1H)-Pyridinone

C<sub>11</sub>H<sub>15</sub>NO<sub>6</sub> 257.24

ND58310

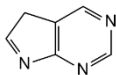
Price On Application



**Deazapurine****7-Deazapurine**[18549-65-0] C<sub>8</sub>H<sub>5</sub>N<sub>3</sub> 119.12

ND11318

50mg	\$105.00
100mg	\$179.00
250mg	\$315.00



D

**7-Deaza-9-(β-D-ribofuranosyl)guanine**

ND145900

1mg	\$50.00
2mg	\$92.00
5mg	\$215.00

**3-Deazauridine 5'-O-triphosphate lithium salt - 100 mM aqueous solution**

• 4-Hydroxy-1-(5-O-triphosphoro-β-D-ribofuranosyl)-2(1H)-pyridinone

ND58306

Price On Application

**3-Deazauridine-5'-triphosphate sodium salt**C<sub>10</sub>H<sub>16</sub>NO<sub>15</sub>P<sub>3</sub>·xNa 483.15 (free acid basis)

ND74957

Price On Application

**3-Deazauridine-5'-triphosphate triethylamine salt**

ND74958

Price On Application

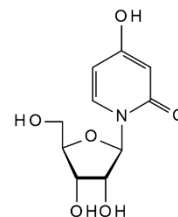
**3-Deazauridine**

- 4-Hydroxy-1-β-D-ribofuranosyl-2(1H)-pyridinone
- 1-β-D-Ribofuranosyl-4-hydroxy-2-pyridone
- 3-Deazauridine

[23205-42-7] C<sub>10</sub>H<sub>13</sub>NO<sub>6</sub> 243.21

ND16524

25mg	\$85.00
50mg	\$145.00
100mg	\$195.00

Refs: Teh, A.-H, et al, *Biochemistry*, 45, 7825 (2006)**Decanoyl coenzyme A, free acid**

- Capryl coenzyme A

[1264-57-9] C<sub>31</sub>H<sub>54</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S·H<sub>2</sub>O 939.8

ND47196

2mg	\$60.00
5mg	\$123.00
10mg	\$205.10

**Decitabine**

see 5-Aza-2'-deoxycytidine, NA02969 on page 78

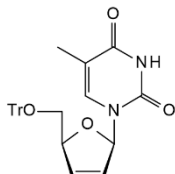
**2',3'-Dehydro-5'-O-tritylthymidine**

• 5-Methyl-1-(5-tritylmethyl-2,5-dihydro-furan-2-yl)-1H-pyrimidine-2,4-dione

[5964-41-0] C<sub>29</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub> 466.54

ND04743

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00

**Dendrid**

see 2'-Deoxy-5-iodouridine, ND05147 on page 210

**Denufosal**

see 2'-Deoxycytidine P'''-5'-ester with uridine 5'-(pentahydrogen tetraphosphate) sodium salt, ND45968 on page 175

**3'-Deoxyadenosine CPG**

ND11640

100mg \$525.00

**2'-Deoxyadenosine-5'-diphosphate sodium salt**[72003-83-9] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>8</sub>P<sub>2</sub>·xNa 408.18 (free acid basis)

ND13490

25mg	\$150.00
50mg	\$200.00
100mg	\$320.00

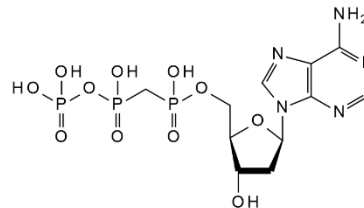
**2'-Deoxyadenosine-5'-[(a,b)-methylene]triphosphate sodium salt - 10 mM aqueous solution**

• dApCpP

[138998-91-1 (free acid)] C<sub>11</sub>H<sub>18</sub>N<sub>5</sub>O<sub>11</sub>P<sub>3</sub>·xNa 489.21 (free acid basis)

ND46688

250ug	\$225.00
500ug	\$350.00
1mg	\$600.00

**2'-Deoxyadenosine-5'-monophosphate disodium salt**

• dAMP·2Na

[2922-74-9] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>6</sub>P 375.19

ND15298

500mg	\$90.00
1g	\$160.00
2g	\$300.00

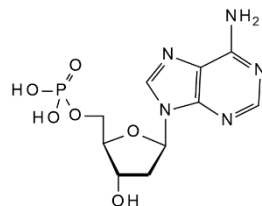
**2'-Deoxyadenosine-5'-monophosphate free acid**

• 5'-dAMP free acid

[653-63-4] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>6</sub>P 331.23

ND05971

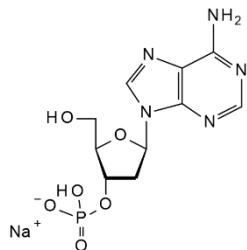
2g	\$52.50
5g	\$100.00
10g	\$160.00



**Deoxyadenosi****2'-Deoxyadenosine-3'-monophosphate sodium salt**[102832-10-0] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>6</sub>P·Na 351.21

ND05758

1mg	\$75.00
2mg	\$130.00
5mg	\$225.00

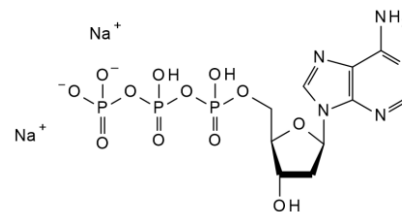
**2'-Deoxyadenosine-5'-triphosphate disodium salt**

• 5'-dATP 2Na

[74299-50-6] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub>·Na<sub>2</sub> 535.15

ND04010

25mg	\$210.00
50mg	\$275.00
100mg	\$500.00

**2'-Deoxyadenosine 5'-monophosphate sodium salt**

- 2'-Deoxyadenylic acid
- dAMP·Na

[151151-31-4] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>6</sub>P·xNa 331.22 (free acid basis)

ND46696

250mg	\$60.00
500mg	\$95.00
1g	\$165.00

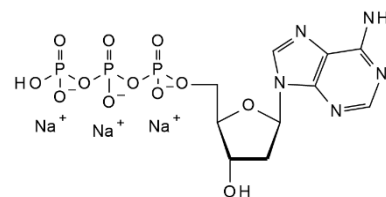
**2'-Deoxyadenosine-5'-triphosphate trisodium salt**

• dATP

[1927-31-7] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub>·3Na 557.13

ND05744

100mg	\$95.00
250mg	\$175.00
500mg	\$300.00

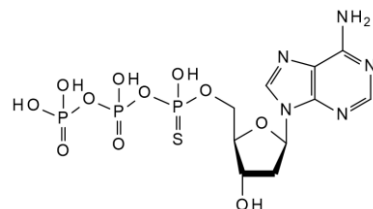
**2'-Deoxyadenosine-5'-O-(1-thiotriphosphate) lithium salt - 100 mM aqueous solution**

• a-Thio-dATP

[80875-87-2] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>11</sub>P<sub>3</sub>S·xLi 507.25 (free acid basis)

ND32070

2mg	\$525.00
5mg	\$787.50

**3'-Deoxyadenosine-5'-triphosphate**

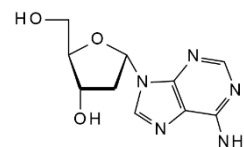
ND71670

Price On Application

**2'-Deoxy-a-adenosine**[958-09-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.25

ND08541

10mg	\$65.00
25mg	\$85.00
50mg	\$150.00





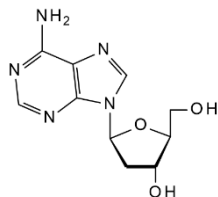
**2'-Deoxy-L-adenosine**

• 9-(2-Deoxy-b-L-erythro-pentofuranosyl)adenine

[14365-45-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.25

ND04246

500mg	\$95.00
1g	\$175.00
2g	\$310.00



Refs: Fujimori S, et al, Nucleoside &amp; Nucleotide 1992, 11(2-4), p341

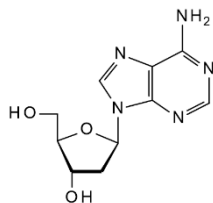
**2'-Deoxyadenosine**

• 9-(2-Deoxy-b-D-ribofuranosyl)adenine

[16373-93-6][958-09-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.24

ND04011

25g	\$60.00
50g	\$100.00
100g	\$175.00



Refs: Kazimierzuk Z, Cottam HB, Revankar GR, Robins RK, J. Am. Chem. Soc. 1984, Vol106, p6379-6382

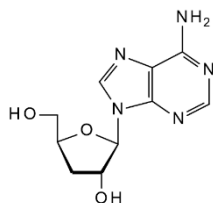
**3'-Deoxyadenosine**

- Cordycepin
- Adenine-9,3-deoxy-b-D-erythro-pentofuranoside
- 9-Cordyceposidoadenine

[73-03-0] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.25

ND02930

100mg	\$75.00
250mg	\$145.00
500mg	\$220.00

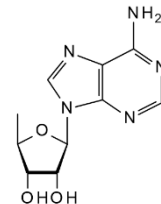


Refs: Norman DG, Reese CB, Synthesis 1983, p304-306

**5'-Deoxyadenosine**[4754-39-6] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.25

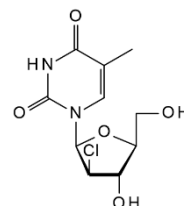
ND02599

10mg	\$75.00
25mg	\$125.00
50mg	\$195.00

**S-(5'-Deoxyadenosin-5'-yl)-L-homocysteine**see *S-(5'-Adenosyl)-L-homocysteine dihydrate*, NA17223 on page 28**2'-Deoxyadenylic acid**see *2'-Deoxyadenosine 5'-monophosphate sodium salt*, ND46696 on page 172**1-(2-Deoxy-b-D-erythro-pentofuranosyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine**see *8-Aza-7-deaza-2'-deoxyadenosine*, NA141793 on page 77**2'-Deoxy-5-bromouridine**see *5-Bromo-2'-deoxyuridine*, NB06315 on page 126**1-(2'-Deoxy-2'-chloro-b-L-arabinofuranosyl)-thymine**C<sub>10</sub>H<sub>13</sub>ClN<sub>2</sub>O<sub>5</sub> 276.67

ND58414

25mg	\$113.75
50mg	\$182.00
100mg	\$291.00



**DeoxyChloroc****2'-Deoxy-5-Chlorocytidine**

ND64914	1mg	\$50.00
	2mg	\$80.00
	5mg	\$150.00

**5'-Deoxy-5-chloro-D-cytidine**

see *5-Chloro-5'-deoxycytidine*, NC06308 on page 142

**5'-Deoxy-5-chloro-D-uridine**

see *5-Chloro-5'-deoxyuridine*, NC04680 on page 145

**3'-Deoxy-3'-C-methylguanosine**

see *3'-Deoxy-3'-methylguanosine*, ND144927 on page 215

**2'-DeoxyCTP trisodium**

see *2'-Deoxycytidine-5'-triphosphate trisodium salt*, ND16676 on page 176

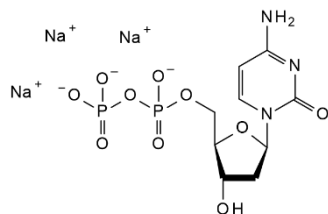
**1-(2-Deoxy-2-cyano-b-D-arabinofuranosyl)cytosine**

see *Sapacitabine*, NS29828 on page 353

**2'-Deoxycytidine-5'-diphosphate trisodium salt hydrate**

[151151-32-5]  $C_9H_{12}N_3O_{10}P_2 \cdot Na_3$  453.12

ND16677	5mg	\$45.00
	10mg	\$70.00
	25mg	\$105.00

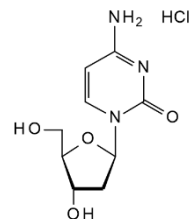


Refs: Zaharko, D.S. et al, J. Nat. Cancer Inst, 71, 1033 (1983); Terai, C. et al, Exp. Cell. res, 193, 375 (1991)

**2'-Deoxycytidine HCl**

[3992-42-5]  $C_9H_{13}N_3O_4 \cdot HCl$  263.68

ND02591	5g	\$40.00
	10g	\$55.00
	25g	\$120.00



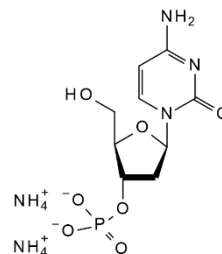
Refs: Subramanian E, Hunt DJ, Struct. Crystallogr. Cryst. Chem. B26, 303-311

**2'-Deoxycytidine-3'-monophosphate ammonium salt**

• 3'-dCMP

[102783-50-6]  $C_9H_{14}N_3O_7P \cdot 2NH_3$  341.26

ND46693	25mg	\$725.00
	50mg	\$1125.00
	100mg	\$1850.00

**2'-Deoxycytidine-5'-monophosphate disodium salt**

• Deoxycytidylic acid sodium salt

[13085-50-2]  $C_9H_{12}N_3O_7PNa_2$  351.16

ND13487	100mg	\$35.00
	250mg	\$50.00
	500mg	\$75.00



**2'-Deoxycytidine-3'-monophosphate free acid**[6220-63-9] C<sub>9</sub>H<sub>14</sub>N<sub>3</sub>O<sub>7</sub>P 307.2

ND46720

5mg	\$175.00
10mg	\$300.00
25mg	\$625.00

**2'-Deoxycytidine-5'-monophosphate free acid**

• 5'-dCMP free acid

[1032-65-1] C<sub>9</sub>H<sub>14</sub>N<sub>3</sub>O<sub>7</sub>P 307.2

ND02993

1g	\$60.00
2g	\$110.00
5g	\$225.00

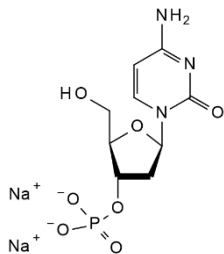
**2'-Deoxycytidine-3'-monophosphate sodium salt**

• 3'-dCMP.Na

[102814-05-1] C<sub>9</sub>H<sub>12</sub>N<sub>3</sub>O<sub>7</sub>P·2Na 351.16

ND46691

Price On Application

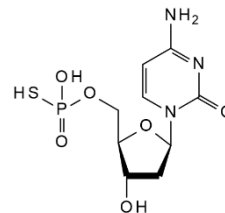
**2'-Deoxycytidine-5'-O-monophosphorothioate sodium salt**

- 2'-Deoxycytidine-5'-(α-thio)-monophosphate sodium salt
- 5'-dCMPS

[63225-09-2] C<sub>9</sub>H<sub>14</sub>N<sub>3</sub>O<sub>6</sub>PS 323.26

ND46694

1mg	\$195.00
2mg	\$350.00
5mg	\$625.00

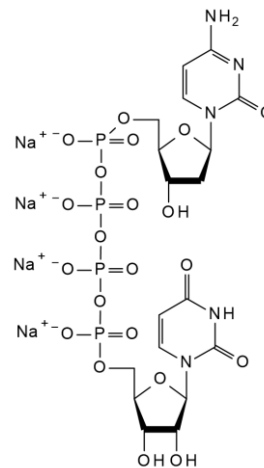
**2'-Deoxycytidine P'''-5'-ester with uridine 5'-(pentahydrogen tetraphosphate) sodium salt**

- Denufosol
- Uridine 5'-(pentahydrogen tetraphosphate), P'5'-ester 2'-deoxycytidine

[318250-11-2] C<sub>18</sub>H<sub>23</sub>N<sub>5</sub>Na<sub>4</sub>O<sub>21</sub>P<sub>4</sub> 861.25

ND45968

1mg	\$1250.00
2mg	\$1900.00
5mg	\$4125.00

**2'-Deoxycytidine 5'-(tetrahydrogen triphosphate) trisodium salt**

see 2'-Deoxycytidine-5'-triphosphate trisodium salt, ND16676 on page 176

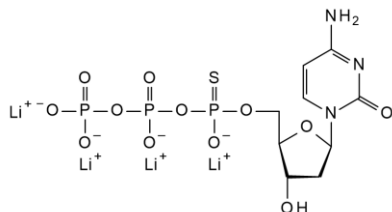
**2'-Deoxycytidine-5'-(α-thio)-monophosphate sodium salt**

see 2'-Deoxycytidine-5'-O-monophosphorothioate sodium salt, ND46694 on page 175

**Deoxycytidin****2'-Deoxycytidine-5'-O-(1-thiotriphosphate) lithium salt**[80951-75-3 (free acid)]  $C_9H_{16}N_3O_{12}P_3S \cdot Li_4$  506.95

Price On Application

ND58204

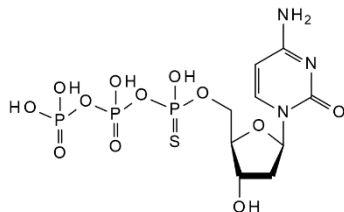
**2'-Deoxycytidine-5'-O-(1-thiotriphosphate) sodium salt - 10 mM aqueous solution**

- 2'-Deoxycytidine-5'-(a-thio)-triphosphate sodium salt
- dCTPS

[64145-29-5]  $C_9H_{16}N_3O_{12}P_3S \cdot xNa$  483.22 (free acid basis)

ND32069

1mg	\$375.00
2mg	\$625.00
5mg	\$1250.00

**2'-Deoxycytidine-5'-(a-thio)-triphosphate sodium salt**

see 2'-Deoxycytidine-5'-O-(1-thiotriphosphate) sodium salt - 10 mM aqueous solution, ND32069 on page 176

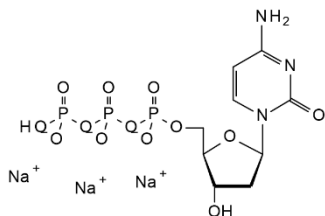
**2'-Deoxycytidine-5'-triphosphate trisodium salt**

- 5'-dCTP Na3
- 2'-Deoxy-5'-triphosphocytidine trisodium salt

[109909-44-6]  $C_9H_{13}N_3O_{13}P_3 \cdot 3Na$  533.11

ND05687

50mg	\$80.00
100mg	\$125.00
250mg	\$210.00

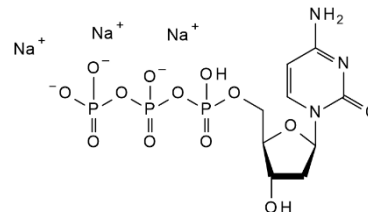
**2'-Deoxycytidine-5'-triphosphate trisodium salt**

- 2'-Deoxycytidine 5'-(tetrahydrogen triphosphate) trisodium salt
- 2'-DeoxyCTP trisodium
- 2'-Deoxycytidine 5'-triphosphate trisodium

[102783-51-7 (disodium salt)]  $C_9H_{13}N_3O_{13}P_3 \cdot Na_3$  533.1

ND16676

10mg	\$60.00
25mg	\$106.25
50mg	\$170.00



Refs: Guittet, O, et al, J. Biol. Chem, 276, 40647 (2001); Hakansson, P, et al, J. Biol. Chem, 281, 7834 (2006); Rampazzo, C, et al, Mutat. Res, 703, 2 (2010)

**2'-Deoxycytidine 5'-triphosphate trisodium**

see 2'-Deoxycytidine-5'-triphosphate trisodium salt, ND16676 on page 176

**3'-Deoxycytidine-5'-triphosphate**

ND71668

Price On Application

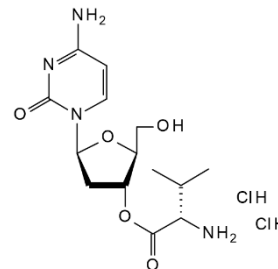
**2'-Deoxy-L-cytidine 3'-O-L-valinyl ester 2HCl**

- Valtorcitabine

[380886-95-3][359689-54-6]  $C_{14}H_{22}N_4O_5 \cdot 2HCl$  399.27

ND10527

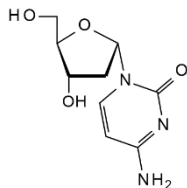
1mg	\$75.00
2mg	\$110.00
5mg	\$175.00



**2'-Deoxy-a-cytidine**C<sub>19</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub> 227.22

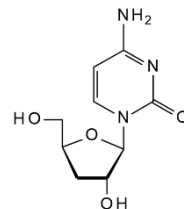
ND08527

50mg	\$150.00
100mg	\$185.00
250mg	\$350.00

**3'-Deoxycytidine**[7057-33-2] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub> 227.22

ND06564

10mg	\$67.00
25mg	\$150.00
50mg	\$275.00



Refs: King RW, Zecher M, Jefferies MW, Antiviral Chem. Chemother. 2002, Vol13, Pt6, p363-370

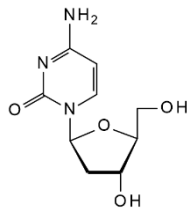
**2'-Deoxy-L-cytidine**

• 1-(2-Deoxy-b-L-erythro-pentofuranosyl)cytosine

[40093-94-5] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub> 227.22

ND05747

50mg	\$75.00
100mg	\$125.00
200mg	\$190.00

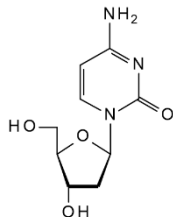


Refs: Clinch K, Evans GB, Fleet GWJ, Fumeaux RH, Johnson SW, Lenz DH, Mee SPH, Rands PR, Schramm VL, Taylor EA, Tyler PC, Org. &amp; Biomol. Chem. 2006, 4, 1131-1139

**2'-Deoxycytidine**[951-77-9] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub> 227.22

ND06286

10g	\$45.00
25g	\$60.00
50g	\$100.00

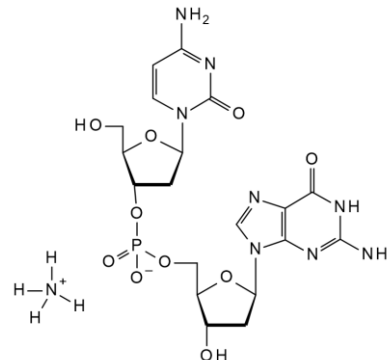


Refs: Xu H, Maga G, Focher F, Smith ER, J. Med. Chem. 1995, Vol38, No1, p49

**2'-Deoxycytidyl-(3'-5')-2'-deoxyguanosine**[77710-57-7] C<sub>19</sub>H<sub>25</sub>N<sub>6</sub>O<sub>10</sub>P.NH<sub>3</sub> 573.45

ND10434

1mg	\$585.00
2mg	\$890.00
5mg	\$1750.00

**Deoxycytidylic acid sodium salt**

see 2'-Deoxycytidine-5'-monophosphate disodium salt, ND13487 on page 174

**2'-Deoxy-7-deazaisoguanosine triphosphate**

• 4-Amino-7-[2-deoxy-5-O-[hydroxy[[hydroxy(phosphonoxy)phosphinyloxy]phosphinyloxy]phosphinyloxy]phosphinyloxy]-b-D-erythro-pentofuranosyl]-1,7-dihydro-2H-pyrrolo[2,3-d]pyrimidin-2-one

[151520-86-4] C<sub>11</sub>H<sub>17</sub>N<sub>4</sub>O<sub>13</sub>P<sub>3</sub> 506.19

ND139290

Price On Application

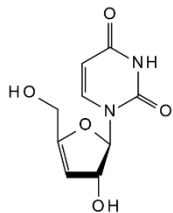


**Deoxydichlor****2'-Deoxy-3,5-di-O-p-chlorobenzoyl-a-D-ribofuranosyl-5-fluorouracil**see *3',5'-Di-O-p-chlorobenzoyl-2'-deoxy a-5-fluorouridine*, ND22464 on page 236**3'-deoxy-3',4'-didehydrouridine**C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>5</sub> 226.19

ND32094

10g

\$4300.00

**2'-Deoxy-2',2'-difluorocytidine hydrochloride**

• Gemcitabine HCl

[122111-03-9] C<sub>9</sub>H<sub>11</sub>F<sub>2</sub>N<sub>3</sub>O<sub>4</sub>·HCl 299.66

ND09343

1g

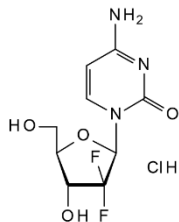
\$50.00

2g

\$80.00

5g

\$125.00

**2'-Deoxy-2',2'-difluorocytidine 5'-monophosphate triethylammonium salt**

• Gemcitabine 5'-monophosphate triethylammonium salt

ND15970

2mg

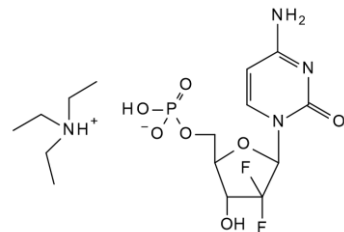
\$735.00

5mg

\$1522.50

10mg

\$2730.00

**2'-Deoxy-2',2'-difluorocytidine 5'-(9E)-9-octadecenoate**see *Gemcitabine 5'-elaidate*, NC05399 on page 281**2'-Deoxy-2',2'-difluorocytidine 5'-triphosphate triethylammonium salt - Aqueous solution**• Gemcitabine-5'-triphosphate triethylammonium salt  
• dFdCTPC<sub>9</sub>H<sub>14</sub>F<sub>2</sub>N<sub>3</sub>O<sub>13</sub>P<sub>3</sub>·C<sub>24</sub>H<sub>60</sub>N<sub>4</sub> 907.9

ND09708

1mg

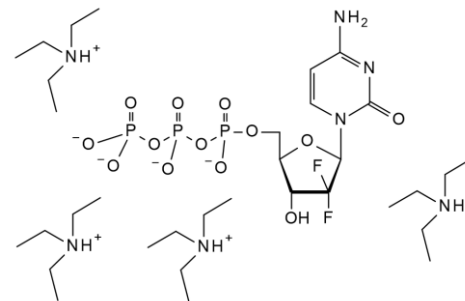
\$195.00

2mg

\$350.00

5mg

\$625.00

**2'-Deoxy-2',2'-difluorocytidine**

• Gemcitabine base

• 4-Amino-1-[3,3-difluoro-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]pyrimidin-2-one

[95058-81-4] C<sub>9</sub>H<sub>11</sub>F<sub>2</sub>N<sub>3</sub>O<sub>4</sub> 263.2

ND04237

1g

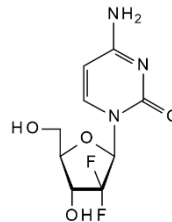
\$30.00

2g

\$50.00

5g

\$80.00



Refs: Grunewald R, Abbruzzese JL, Tarassoff P, Plunkett W, Cancer Chemotherapy and Pharmacology 1991, Vol27, No4, p258-262

**[1-(2-Deoxy-2,2-difluoro-b-D-erythro-pentofuranosyl)-1,2-dihydro-2-oxo-4-pyrimidinyl]- carbamic acid phenylmethyl ester**see *N-Cbz gemcitabine*, NC16645 on page 138

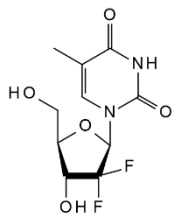
**2'-Deoxy-2',2'-difluoro-5-methyluridine**

• 2',2'-Difluorothymidine

[95058-80-3] C<sub>10</sub>H<sub>12</sub>F<sub>2</sub>N<sub>2</sub>O<sub>5</sub> 278.21

ND21055

Price On Application



Refs: Barchi, J, et al, J. Biochem. Biophys. Methods, 34, 11 (1997)

**2'-Deoxy-2',2'-difluoro-N-[(phenylmethoxy)carbonyl]-cytidine**see *N-Cbz gemcitabine*, NC16645 on page 138**2'-Deoxy-2',2'-difluorouridine (13C,15N) labelled**C<sub>6</sub><sup>13</sup>CH<sub>10</sub>F<sub>2</sub><sup>15</sup>N<sub>2</sub>O<sub>5</sub> 297.16

ND16144

1mg

\$315.00

**2'-Deoxy-2',2'-difluorouridine 5'-triphosphate triethylammonium salt**

ND31415

Price On Application

**2'-Deoxy-2',2'-difluoro-a-uridine**[153381-14-7] C<sub>9</sub>H<sub>10</sub>F<sub>2</sub>N<sub>2</sub>O<sub>5</sub> 264.18

ND10802

1mg

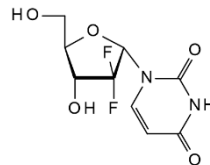
\$63.00

2mg

\$99.80

5mg

\$183.80

**2'-Deoxy-7,8-dihydro-8-oxo-adenosine**see *2'-Deoxy-8-oxo-adenosine*, ND02928 on page 217**2'-Deoxy-5'-dimethoxytrityl-N-isobutyryl-guanosine-3'-[(B-thiobenzoyl)-(1-pyrrolidinyl)]-thiophosphoramidite**see *2'-Deoxy-3'-O-DMT-N2-isobutyrylguanosine 5'-thiophosphoramidite*, ND46056 on page 186**1-Deoxy-1-[6-[[[5-dimethylamino]-1-naphthalenyl]sulfonyl]amino]hexyl]amino]-9H-purin-9-yl]-N-ethyl-b-D-ribofuranuronamide**see *N6-Dansylhexyl-5'-ethylcarboxamidoadenosine*, ND59462 on page 163**3'-Deoxy-2'-O-[(1,1-dimethylethyl)dimethylsilyl]-5'-O-(triphenylmethyl)uridine**see *2'-O-(tert-Butyldimethylsilyl)-3'-deoxy-5'-O-trityluridine*, NB16513 on page 130**2'-Deoxy-3',5'-bis-O-[(1,1-dimethylethyl)dimethylsilyl]uridine**see *3',5'-Bis-O-(tert-butyldimethylsilyl)-2'-deoxyuridine*, NB18821 on page 121**3'-Deoxy-N-dimethylformamide- 5'-O-DMT-guanosine-2'-O-succinoyl-long chain alkylamino-CPG**

• 3'-dG-CPG

ND37120

Price On Application



## DeoxydiTBDMMS

## 2'-Deoxy-3',5'-di-O-TBDMS-uridine

ND32635

Price On Application

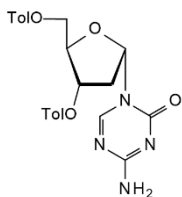


## 1-(2'-Deoxy-3',5'-di-O-toluoyl-a-D-ribofuranosyl)-4-amino-1,2-dihydro-2-oxo-1,3,5-triazine

[40789-35-3] C<sub>24</sub>H<sub>24</sub>N<sub>4</sub>O<sub>6</sub> 464.48

ND06772

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



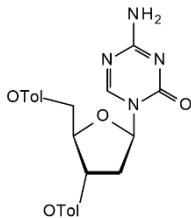
## 1-(2'-Deoxy-3',5'-di-O-toluoyl-b-D-ribofuranosyl)-4-amino-1,2-dihydro-2-oxo-1,3,5-triazine

- 4-Amino-1-[2-deoxy-3,5-bis-O-(4-methylbenzoyl)-β-D-erythro-pentofuranosyl]-1,3,5-triazin-2(1H)-one

[10302-79-1] C<sub>24</sub>H<sub>24</sub>N<sub>4</sub>O<sub>6</sub> 464.48

ND04704

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

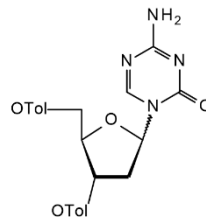


## 1-(2'-Deoxy-3',5'-di-O-toluoyl-D-ribofuranosyl)-4-amino-1,3-dihydro-2-oxo-1,3,5-triazine

C<sub>24</sub>H<sub>24</sub>N<sub>4</sub>O<sub>6</sub> 464.48

ND04706

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



## 2-Deoxy-3,5-di-O-toluoyl-a-D-ribofuranosyl cyanide

ND145747

1g	\$50.00
2g	\$92.00
5g	\$210.00



## 6-(2-Deoxy-3,5-di-O-toluoyl-b-D-ribofuranosyl)-3,4-dihydro-8H-pyrimido[4,5-c][1,2]oxazin-7-one

[126128-41-4] C<sub>27</sub>H<sub>27</sub>N<sub>3</sub>O<sub>7</sub> 505.52

ND145588

50mg	\$120.00
100mg	\$195.00
250mg	\$375.00



## 2'-Deoxy-6N-DMF-5'-O-DMT-adenosine

- 5'-O-[[bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-N-[(dimethylamino)methylene]-adenosine

[17331-20-3] C<sub>34</sub>H<sub>36</sub>N<sub>6</sub>O<sub>5</sub> 608.69

ND146470

5g	\$625.00
10g	\$850.00
25g	\$1625.00

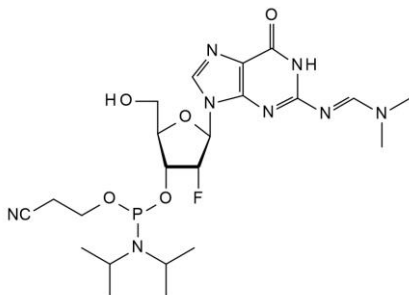




**2'-Deoxy-N2-DMF-5'-DMT-2'-fluoroguanosine 3'-CE phosphoramidite**C<sub>43</sub>H<sub>52</sub>FN<sub>6</sub>O<sub>7</sub>P 842.89

ND63471

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

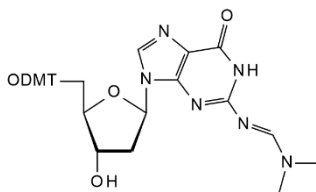
**2'-Deoxy-N2-DMF-5'-O-DMT-guanosine**

• 2'-Deoxy-5'-O-DMT-N2-(dimethylamino)methylidene-D-guanosine

[172361-60-3] C<sub>34</sub>H<sub>36</sub>N<sub>6</sub>O<sub>6</sub> 624.7

ND08309

1g	\$50.00
2g	\$78.00
5g	\$155.00

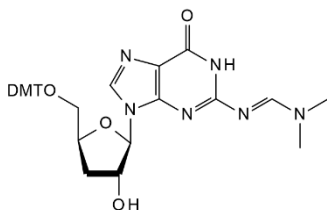
**3'-Deoxy-N2-DMF-5'-O-DMT-guanosine**

• 5'-O-(Dimethoxytrityl)-N2-(dimethylaminomethylidene)-3'-deoxyguanosine

[172361-60-3] C<sub>34</sub>H<sub>36</sub>N<sub>6</sub>O<sub>6</sub> 624.69

ND31008

25mg	\$236.50
50mg	\$394.00
100mg	\$578.00

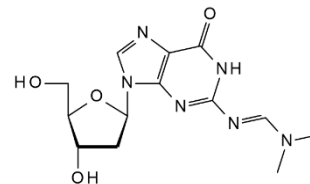
**2'-Deoxy-N2-DMF-guanosine**

• DMF-dG

[17331-13-4] C<sub>13</sub>H<sub>18</sub>N<sub>6</sub>O<sub>4</sub> 322.33

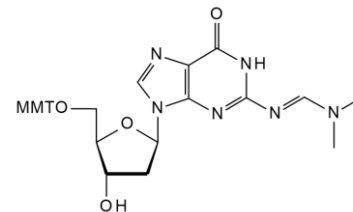
ND10841

2g	\$50.00
5g	\$90.00
10g	\$150.00

**2'-Deoxy-N2-DMF-5'-O-MMT-guanosine**C<sub>33</sub>H<sub>34</sub>N<sub>6</sub>O<sub>5</sub> 594.66

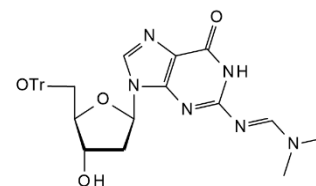
ND10514

Price On Application

**2'-Deoxy-N2-DMF-5'-O-tritylguanosine**C<sub>32</sub>H<sub>32</sub>N<sub>6</sub>O<sub>4</sub> 564.65

ND09133

Price On Application

**2'-Deoxy-5'-O-DMT-adenosine**

ND145905

25mg	\$50.00
50mg	\$85.00
100mg	\$150.00



## DeoxyDMTtime

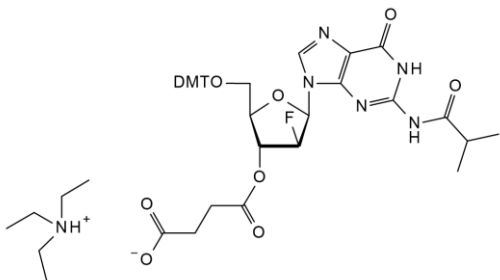
**2'-Deoxy-5'-O-DMT-N2-(dimethylamino)methylidene-D-guanosine**

see 2'-Deoxy-N2-DMF-5'-O-DMT-guanosine, ND08309 on page 181

**9-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)-N2-isobutrylguanine 3'-O-succinate triethylammonium salt**C<sub>39</sub>H<sub>39</sub>FN<sub>5</sub>O<sub>10</sub>·C<sub>6</sub>H<sub>16</sub>N 858.97

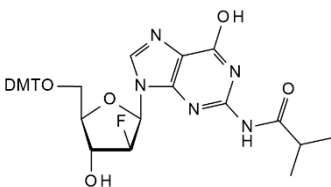
ND09136

10mg	\$262.50
25mg	\$472.50
50mg	\$892.50

**9-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)-N2-isobutrylguanine**C<sub>35</sub>H<sub>36</sub>FN<sub>5</sub>O<sub>7</sub> 657.69

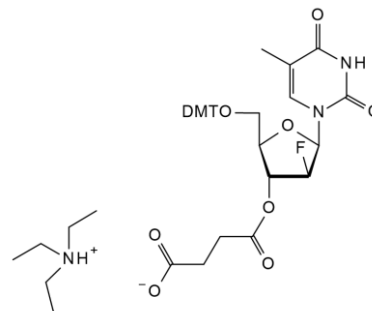
ND09135

5mg	\$189.00
10mg	\$315.00
25mg	\$525.00

**1-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)thymine 3'-O-succinate triethylammonium salt**C<sub>35</sub>H<sub>34</sub>FN<sub>2</sub>O<sub>10</sub>·C<sub>6</sub>H<sub>16</sub>N 763.87

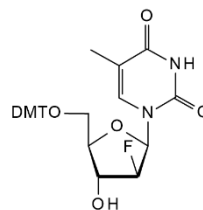
ND09138

25mg	\$136.50
50mg	\$210.00
100mg	\$315.00

**1-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)thymine**C<sub>31</sub>H<sub>31</sub>FN<sub>2</sub>O<sub>7</sub> 562.6

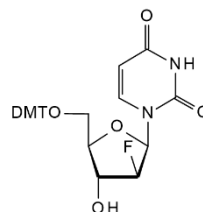
ND09137

10mg	\$63.00
25mg	\$94.50
50mg	\$157.50

**1-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)uracil**C<sub>30</sub>H<sub>29</sub>FN<sub>2</sub>O<sub>7</sub> 548.56

ND09139

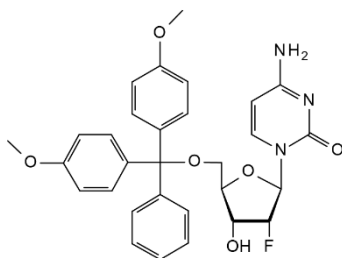
10mg	\$57.80
25mg	\$94.50
50mg	\$157.50



**2'-Deoxy-5'-O-DMT-2'-fluorocytidine**[177086-37-2] C<sub>30</sub>H<sub>30</sub>FN<sub>3</sub>O<sub>6</sub> 547.59

ND06060

10mg	\$63.00
25mg	\$94.50
50mg	\$157.50

**2'-Deoxy-5'-O-DMT-2'-fluoroinosine 3'-CE phosphoramidite**

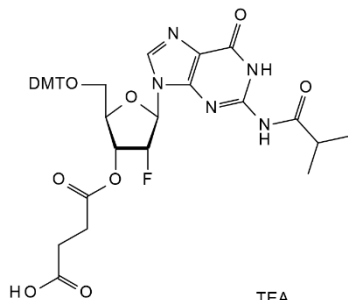
ND143429

Price On Application

**2'-Deoxy-5'-O-DMT-2'-fluoro-N2-isobutylguanosine 3'-O-succinate triethylammonium salt**C<sub>39</sub>H<sub>40</sub>FN<sub>5</sub>O<sub>10</sub>·C<sub>6</sub>H<sub>16</sub>N 859.98

ND08542

50mg	\$157.50
100mg	\$263.00
250mg	\$420.00

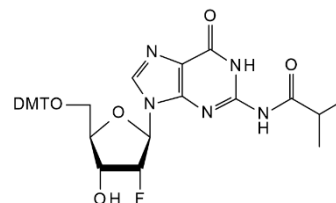
**2'-Deoxy-5'-O-DMT-2'-fluoro-N2-isobutylguanosine**

• N2-iBu-DMT-2'-F-dG

C<sub>35</sub>H<sub>36</sub>FN<sub>5</sub>O<sub>7</sub> 657.7

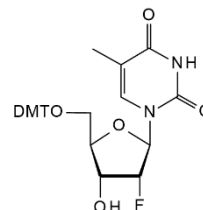
ND08524

50mg	\$50.00
100mg	\$65.00
250mg	\$85.00

**2'-Deoxy-5'-O-DMT-2'-fluoro-5-methyluridine**C<sub>31</sub>H<sub>31</sub>N<sub>2</sub>O<sub>7</sub> 543.59

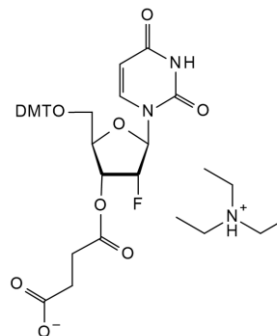
ND09140

50mg	\$75.00
100mg	\$125.00
250mg	\$195.00

**2'-Deoxy-5'-O-DMT-2'-fluorouridine 3'-O-succinate triethylammonium salt**C<sub>34</sub>H<sub>32</sub>FN<sub>2</sub>O<sub>10</sub>·C<sub>6</sub>H<sub>16</sub>N 749.84

ND10842

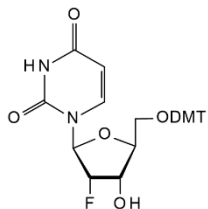
50mg	\$63.00
100mg	\$105.00
250mg	\$172.50



**DeoxyDMTfluo****2'-Deoxy-5'-O-DMT-2'-fluoro-L-uridine**C<sub>30</sub>H<sub>29</sub>FN<sub>2</sub>O<sub>7</sub> 548.57

ND02632

Price On Application

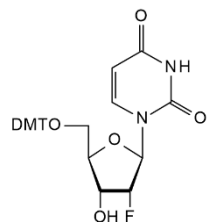
**2'-Deoxy-5'-O-DMT-2'-fluorouridine**

- 5'-O-DMT-2'-fluoro-2'-deoxy-D-uridine
- 2'-Fluoro-5'-O-DMT-uridine

[146954-74-7] C<sub>30</sub>H<sub>29</sub>FN<sub>2</sub>O<sub>7</sub> 548.57

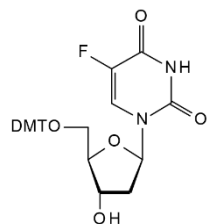
ND06064

1g	\$50.00
2g	\$75.00
5g	\$112.00

**2'-Deoxy-5'-O-DMT-5-fluorouridine**C<sub>30</sub>H<sub>29</sub>FN<sub>2</sub>O<sub>7</sub> 548.57

ND08228

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

**2'-Deoxy-5'-O-DMT-guanosine-(DMF)-3'-Q Linker CPG; 1000 Å**

ND11621

1g \$157.50

**2'-Deoxy-5'-O-DMT-guanosine-(DMF)-succinyl-CPG 500 Å**

ND11628

250mg	\$65.00
500mg	\$100.00
1g	\$157.50

**2'-Deoxy-5'-O-DMT-guanosine-(DMF)-succinyl CPG 1000 Å**

ND11620

1g	\$262.50
5g	\$420.00
10g	\$735.00

**2'-Deoxy-5'-O-DMT-guanosine-(iBu)-3'-succinyl CPG 2000 Å**

ND11624

1g	\$157.50
5g	\$472.50
10g	\$840.00

**2'-Deoxy-5'-O-DMT-guanosine-(iBu)-succinyl CPG 1400 Å**

ND11615

250mg	\$60.00
500mg	\$100.00
1g	\$126.00



**2'-Deoxy-5'-O-DMT-guanosine-3'-O-P(OMe)N(iPr)<sub>2</sub>**• DMT-5'-O-dG-3'-O-P(OMe)N(iPr)<sub>2</sub>

ND02666

Price On Application

**2'-Deoxy-3'-O-DMT-N2-iBu-guanosine--succinyl-CPG 1000 Å**

ND11609

1g \$157.50

**2'-Deoxy-5'-O-DMT-N2-iBu-guanosine-3'-succinyl CPG 500 Å**

ND11605

1g	\$126.00
5g	\$367.50
10g	\$630.00

**2'-Deoxy-5'-O-DMT-inosine 3'-succinyl CPG 1000Å**

ND11633

50mg	\$90.00
100mg	\$150.00
250mg	\$237.50

**2'-Deoxy-5'-O-DMT-inosine 3'-succinyl CPG**

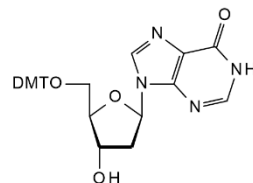
ND11631

50mg	\$85.00
100mg	\$130.00
250mg	\$237.50

**2'-Deoxy-5'-O-DMT-inosine**[93778-57-5] C<sub>31</sub>H<sub>50</sub>N<sub>4</sub>O<sub>8</sub> 554.61

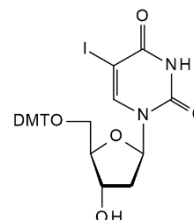
ND08417

1g	\$75.00
2g	\$120.00
5g	\$225.00

**2'-Deoxy-5'-O-DMT-5-iodouridine**[104375-88-4] C<sub>30</sub>H<sub>29</sub>N<sub>2</sub>O<sub>7</sub> 656.48

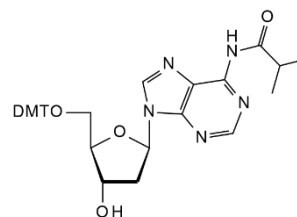
ND08238

250mg	\$70.00
500mg	\$100.00
1g	\$165.00

**2'-Deoxy-5'-O-DMT-N6-isobutyryladosine**C<sub>35</sub>H<sub>37</sub>N<sub>5</sub>O<sub>6</sub> 623.72

ND08598

100mg	\$53.00
250mg	\$80.00
500mg	\$135.00



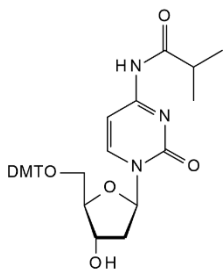
## DeoxyDMTisob

**2'-Deoxy-5'-O-DMT-N4-isobutyrylcytidine**

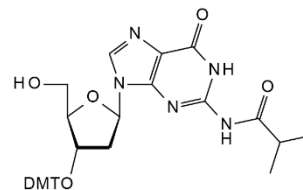
• N4-Isobutyryl-2'-deoxy-5'-O-DMT-cytidine

[100898-62-2] C<sub>38</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub> 599.69

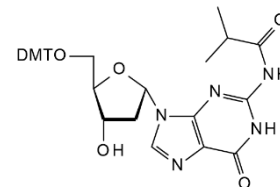
ND02997	500mg	\$70.00
	1g	\$94.50
	2g	\$157.50

**2'-Deoxy-3'-O-DMT-N2-Isobutyrylguanosine**[140712-81-8] C<sub>35</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub> 639.71

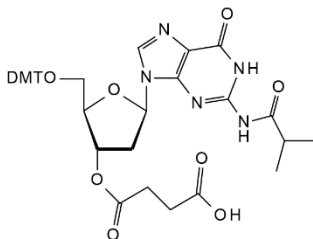
ND06928	250mg	\$262.50
	500mg	\$395.00
	1g	\$682.50

**2'-Deoxy-5'-O-DMT-N2-isobutyryl-a-guanosine**C<sub>35</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub> 639.71

ND08416	5mg	\$157.50
	10mg	\$262.50
	25mg	\$210.00

**2'-Deoxy-5'-O-DMT-N2-isobutyrylguanosine 3'-O-succinate**[74405-46-2] C<sub>39</sub>H<sub>41</sub>N<sub>5</sub>O<sub>10</sub> 739.77

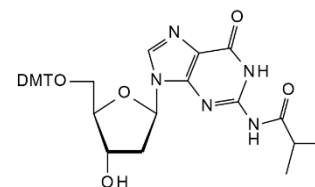
ND09157	250mg	\$80.00
	500mg	\$135.00
	1g	\$204.80

**2'-Deoxy-5'-O-DMT-N2-isobutyrylguanosine**

• N2-Isobutyryl-2'-deoxy-5'-O-DMT-D-guanosine

[68892-41-1] C<sub>35</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub> 639.71

ND02998	5g	\$80.00
	10g	\$140.00
	25g	\$265.00

**2'-Deoxy-3'-O-DMT-N2-isobutyrylguanosine 5'-thiophosphoramidite**

• 2'-Deoxy-5'-dimethoxytrityl-N-isobutyryl-guanosine-3'-[(B-thiobenzoyl-ethyl)-(1-pyrrolidyl)]-thiophosphoramidite

C<sub>48</sub>H<sub>53</sub>N<sub>6</sub>O<sub>8</sub>PS<sub>2</sub> 937.08

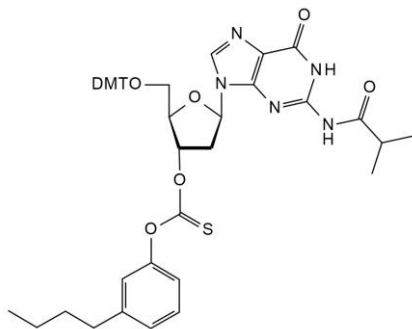
ND46056	250mg	\$475.00
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**2'-Deoxy-5'-O-DMT-N2-isobutryl-3'-xanthylguanosine**C<sub>46</sub>H<sub>49</sub>N<sub>5</sub>O<sub>8</sub>S 832

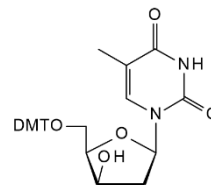
ND08398

50mg	\$189.00
100mg	\$315.00
250mg	\$525.00

**1-(2'-Deoxy-5'-O-DMT-b-D-lyxofuranosyl)thymine**[112501-53-8] C<sub>31</sub>H<sub>32</sub>N<sub>2</sub>O<sub>7</sub> 544.6

ND10367

Price On Application

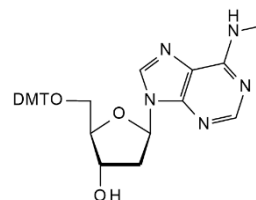


Refs: Eisenhut M, et al, Nucl. Med. Biol, 2002, 29, p263

**2'-Deoxy-5'-O-DMT-N6-methyladenosine**[98056-69-0] C<sub>32</sub>H<sub>33</sub>N<sub>5</sub>O<sub>5</sub> 567.64

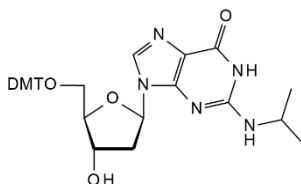
ND09159

250mg	\$70.00
500mg	\$115.00
1g	\$175.00

**2'-Deoxy-5'-O-DMT-N2-isopropylguanosine**[863910-15-0] C<sub>34</sub>H<sub>37</sub>N<sub>5</sub>O<sub>6</sub> 611.7

ND09158

250mg	\$80.00
500mg	\$135.00
1g	\$210.00

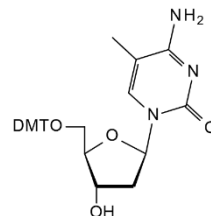
**2'-Deoxy-5'-O-DMT-5-methylcytidine**

• 5-Methyl-5'-O-DMT-deoxycytidine

C<sub>31</sub>H<sub>33</sub>N<sub>3</sub>O<sub>6</sub> 543.63

ND08559

100mg	\$158.00
250mg	\$262.50
500mg	\$475.00

**2'-Deoxy-5'-O-DMT-N2-(4-isopropylphenoxyacetyl)guanosine**

• 5'-O-[Bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-N-[2-[4-(1-methylethyl)phenoxy]acetyl]guanosine

[909415-65-2] C<sub>42</sub>H<sub>43</sub>N<sub>5</sub>O<sub>8</sub> 745.82

ND156947

5g	\$650.00
10g	\$1050.00
25g	\$2125.00



## DeoxyDMTmeth

## 3'-Deoxy-5'-O-DMT-3'-C-methyluridine

ND15621

Price On Application



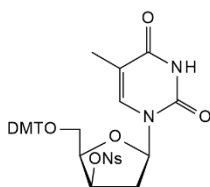
## 1-(2'-Deoxy-5'-O-DMT-3'-O-nitrophenylsulphonyl-b-D-lyxofuranosyl)thymine

• 1-5-[5-O-(4,4'-Dimethoxytrityl)-3-O-nitrophenylsulphonyl-2-deoxy-b-D-lyxofuranosyl]thymine

[444717-20-8] C<sub>37</sub>H<sub>35</sub>N<sub>3</sub>O<sub>11</sub>S 729.75

ND10366

10mg	\$100.00
30mg	\$255.00
40mg	\$320.00



Refs: Oh SJ, et.al, Nucl. Med. Biol, 2003, 30, p151



## 2'-Deoxy-3'-O-DMT-5'-O-phenoxyacetyladenosine

• 5'-(2-Phenoxyacetate)-2'-deoxy-3'-O-[bis(4-methoxyphenyl)phenylmethyl]adenosine

[115388-94-8] C<sub>39</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub> 687.74

ND144749

Price On Application



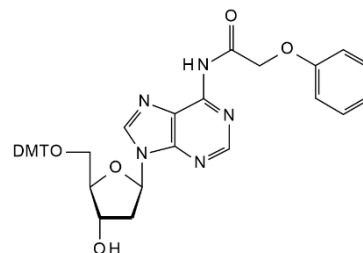
## 2'-Deoxy-5'-O-DMT-N6-phenoxyacetyladenosine

• 5'-O-[Bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-N-(2-phenoxyacetyl)adenosine

[110522-82-2] C<sub>39</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub> 687.76

ND08050

1g	\$95.00
2g	\$180.00
5g	\$425.00

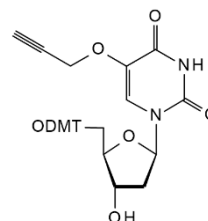


## 2'-Deoxy-5'-O-DMT-5-propargyloxyuridine

C<sub>33</sub>H<sub>32</sub>N<sub>2</sub>O<sub>8</sub> 584.63

ND08233

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00



## 6-(2-Deoxy-5-O-DMT-b-D-ribofuranosyl)-3,4-dihydro-8H-pyrimido-[4,5-c][1,2]oxazin-7-one

[126128-43-6] C<sub>32</sub>H<sub>35</sub>N<sub>3</sub>O<sub>7</sub> 573.64

ND145589

25mg	\$90.00
50mg	\$150.00



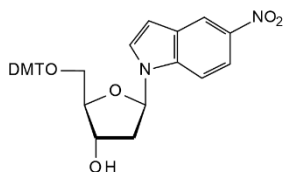
D



**2-Deoxy-1-(5'-O-DMT-b-D-ribofuranosyl)-5-nitroindole**[869355-18-0] C<sub>34</sub>H<sub>32</sub>N<sub>2</sub>O<sub>7</sub> 580.63

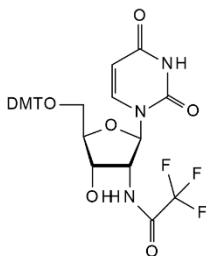
ND11336

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00

**2'-Deoxy-5'-O-DMT-2'-trifluoroacetamidouridine**C<sub>22</sub>H<sub>30</sub>F<sub>3</sub>N<sub>3</sub>O<sub>8</sub> 641.61

ND08249

Price On Application

**2'-Deoxy-5'-O-DMT-uridine 3'-succinyl CPG 1000Å**

ND11635

50mg	\$85.00
100mg	\$150.00
250mg	\$237.50

**2'-Deoxy-5'-O-DMT-uridine succinyl 3'-CPG**

ND11634

100mg	\$150.00
250mg	\$237.50
500mg	\$370.00

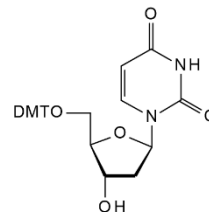
**2'-Deoxy-5'-O-DMT-uridine**

- 5'-O-DMT-dU
- 5'-O-(4,4'-Dimethoxytrityl)-2'-deoxyuridine

[23669-79-6] C<sub>30</sub>H<sub>30</sub>N<sub>2</sub>O<sub>7</sub> 530.58

ND05965

100mg	\$50.00
250mg	\$80.00
500mg	\$130.00

**9-(2'-Deoxy-5'-O-DMT-b-D-xylofuranosyl)adenine**

ND145598

Price On Application

**1-(2'-Deoxy-5'-O-DMT-b-D-xylofuranosyl)cytosine**

ND145595

Price On Application

**9-(2-Deoxy-b-L-erythro-pentofuranosyl)adenine**

see 2'-Deoxy-L-adenosine, ND04246 on page 173

**1-(2-Deoxy-b-L-erythro-pentofuranosyl)cytosine**

see 2'-Deoxy-L-cytidine, ND05747 on page 177

**9-(2-Deoxy-b-D-erythro-pentofuranosyl)guanine monohydrate**

see 2'-Deoxyguanosine monohydrate, ND06306 on page 205

**9-(2-deoxy-b-L-erythro-pentofuranosyl)guanine**

see 2'-Deoxy-L-guanosine, ND05774 on page 207

## Deoxyerythro

**1-(2-Deoxy-b-D-erythro-pentofuranosyl)-1H-imidazo[2,1-b]purin-4(5H)-one**

see 2'-Deoxy-N2,3-ethenoguanosine, ND16718 on page 190

**8-(2-Deoxy-b-D-erythro-pentofuranosyl)-imidazo[1,2-a]-1,3,5-triazine-2,4(3H,8H)-dione**

see 8-(2-Deoxy-b-D-ribofuranosyl)-imidazo[1,2-a]-1,3,5-triazine-2,4(3H,8H)-dione, ND145594 on page 220

**1-(2-Deoxy-b-L-erythro-pentofuranosyl)-5-iodo-2,4(1H,3H)-pyrimidinedione**

see ent-Idoxuridine, NE16541 on page 267

**7-(2-Deoxy-b-D-erythro-pentofuranosyl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine**

see 7-Deaza-2'-deoxyadenosine, ND02936 on page 165

**1-(2-deoxy-b-L-erythro-pentofuranosyl)thymine**

see L-Thymidine, NT02679 on page 365

**1-(2-Deoxy-b-L-erythro-pentofuranosyl)uracil**

see 2'-Deoxy-L-uridine, ND06307 on page 225

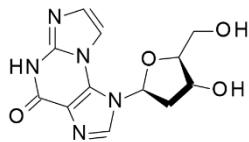
**2'-Deoxy-N2,3-ethenoguanosine**

• 1-(2-Deoxy-b-D-erythro-pentofuranosyl)-1H-imidazo[2,1-b]purin-4(5H)-one

[121055-53-6] C<sub>12</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 291.26

ND16718

2mg	\$950.00
5mg	\$1750.00
10mg	\$2500.00



Refs: Schlatter, J, et al, Food Chem. Toxicol, 28, 205

**1-Deoxy-N-ethyl-1-[6-[(phenylmethyl)amino]-9H-purin-9-yl]-b-D-ribofuranuronamide**

see N6-Benzyl-5'-ethylcarboxamidoadenosine, NB06327 on page 116

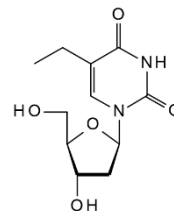
**2'-Deoxy-5-ethyluridine**

• Edoxudine

[15176-29-1] C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub> 256.26

ND08006

100mg	\$90.00
250mg	\$157.50
500mg	\$265.00

**2'-Deoxy-4'-ethynyl-2-fluoroadenosine**

• EFdA

ND45638

Price On Application

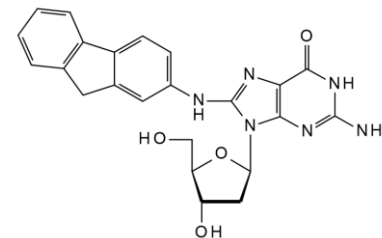
**2'-Deoxy-5-ethynyluridine**

see 5-Ethynyl-2'-deoxyuridine, NE08701 on page 272

**2'-Deoxy-8-(9H-fluoren-2-ylamino)-guanosine**[73051-69-1] C<sub>23</sub>H<sub>22</sub>N<sub>6</sub>O<sub>4</sub> 446.46

ND10433

1mg	\$92.00
2mg	\$168.00
5mg	\$365.00



**9-(2-Deoxy-2-fluoro-a-D-arabinofuranosyl)-9H-purin-6-amine**[20187-82-0] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>3</sub> 269.23

ND144479

Price On Application

**2'-Deoxy-2'-fluoroadenosine-5'-diphosphate**[68357-16-4] C<sub>10</sub>H<sub>14</sub>FN<sub>5</sub>O<sub>8</sub>P<sub>2</sub> 429.19

ND86951

Price On Application

**2'-Deoxy-2'-fluoroadenosine-5'-monophosphate**

• 2'-Deoxy-2'-fluoro-5'-adenylic acid

[68245-91-0] C<sub>10</sub>H<sub>13</sub>FN<sub>5</sub>O<sub>6</sub>P 349.21

ND145452

Price On Application

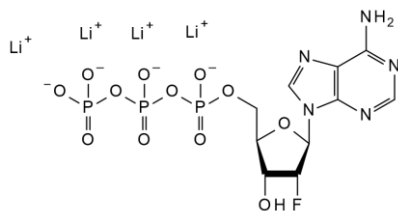
**2'-Deoxy-2'-fluoroadenosine-5'-triphosphate lithium salt - 100mM aqueous solution**

• 2'-F-dATP.Li

[73449-07-7 (free acid)] C<sub>10</sub>H<sub>11</sub>FN<sub>5</sub>O<sub>12</sub>P<sub>3</sub>.4Li 532.9

ND46151

1mg	\$95.00
2.5mg	\$187.50
5mg	\$325.00

**2'-Deoxy-2'-fluoroadenosine-5'-triphosphate sodium salt - 100mM aqueous solution**

• 2'-FdATP.Na

C<sub>10</sub>H<sub>15</sub>FN<sub>5</sub>O<sub>12</sub>P<sub>3</sub>.xNa 453.15 (free acid basis)

ND13493

2.5mg	\$150.00
5mg	\$250.00
10mg	\$390.00

**2'-Deoxy-2'-fluoroadenosine-5'-triphosphate tetralithium salt**

• 2'-Fluoro-2'-deoxy-ATP.4Li

[73449-07-7 (free acid)] C<sub>10</sub>H<sub>11</sub>FN<sub>5</sub>O<sub>12</sub>P<sub>3</sub>.4Li 532.9

ND15214

1mg	\$65.00
2mg	\$110.00
5mg	\$225.00

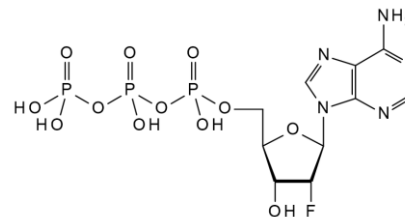
**2'-Deoxy-2'-fluoroadenosine-5'-triphosphate**

• 2'-FdATP

[73449-07-7] C<sub>10</sub>H<sub>15</sub>FN<sub>5</sub>O<sub>12</sub>P<sub>3</sub> 509.18

ND09532

Price On Application

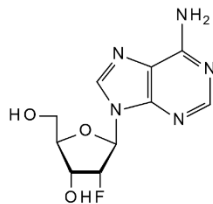


**Deoxyfluoroa****2'-Deoxy-2'-fluoroadenosine**

- 2'-Fluoro-2'-deoxy-D-adenosine
- 9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-adenine

[64183-27-3] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>3</sub> 269.24

ND02827	250mg	\$80.00
	500mg	\$135.00
	1g	\$210.00



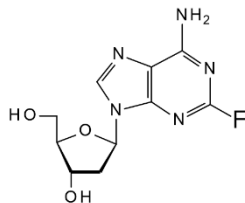
Refs: Olsen DB, Benseler F, Aurup H, Pieken WA, Eckstein F, Biochemistry 1991, Vol30, p9735-9741

**2'-Deoxy-2-fluoroadenosine**

- (9-(2-Deoxy-b-D-ribofuranosyl)-2-fluoroadenine

[21679-12-9] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>3</sub> 269.23

ND29528	250mg	\$135.00
	500mg	\$195.00
	1g	\$345.00

**2'-Deoxy-5-fluoroadenosine**

ND02602

Price On Application

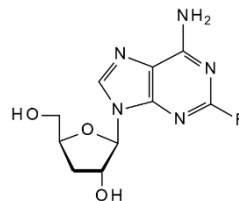
**3'-Deoxy-2-fluoroadenosine**

- 2-Fluoro-cordycepin

[15386-69-3] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>3</sub> 269.23

ND29524

Price On Application

**3'-Deoxy-3'-fluoroadenosine**

- 3'-Fluoroadenosine

[75059-22-2] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>3</sub> 269.23

ND15616

1mg	\$85.00
2mg	\$150.00
5mg	\$300.00

**2'-Deoxy-2'-fluoro-5'-adenylic acid**

see 2'-Deoxy-2'-fluoroadenosine-5'-monophosphate, ND145452 on page 191

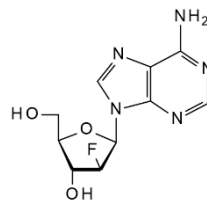
**9-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)adenine**

- 2'-FANA-A
- 6-Aminopurine-2'-fluoro-2'-deoxyarabinofuranoside

[20227-41-2] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>3</sub> 269.24

ND09204

10mg	\$60.00
25mg	\$75.00
50mg	\$115.00



**2-Deoxy-2-Fluoro-a-D-arabinofuranosylamine**[149624-20-4] C<sub>5</sub>H<sub>10</sub>FNO<sub>3</sub> 151.14

ND89871

Price On Application

**2-Deoxy-2-fluoro-b-D-arabinofuranosylamine**[149624-26-0] C<sub>5</sub>H<sub>10</sub>FNO<sub>3</sub> 151.14

ND89208

Price On Application

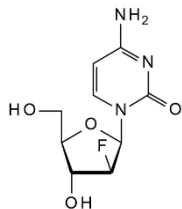
**1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)cytosine HCl**

- 2'-FANA-C.HCl
- 4-Amino-1-[(2R,3S,4R,5R)-3-fluoro-4-hydroxy-5-(hydroxymethyl)-oxolan-2-yl]pyrimidin-2-one.HCl

[56632-83-8] C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>4</sub>.HCl 281.67

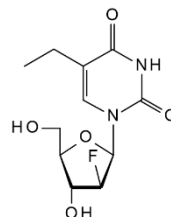
ND08343

50mg	\$85.00
100mg	\$135.00
250mg	\$225.00

**1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)-5-ethyluracil**C<sub>11</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>5</sub> 274.25

ND05411

200mg	\$74.00
500mg	\$160.00
1g	\$262.50

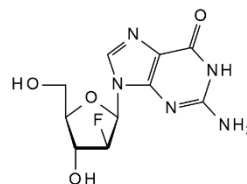
**9-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)guanine**

• 2'-FANA-G

[103884-98-6] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>4</sub> 285.24

ND08478

10mg	\$40.00
25mg	\$68.50
50mg	\$110.50

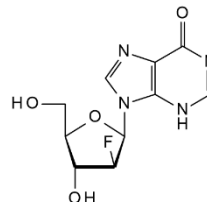
**9-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)hypoxanthine**

• 2'-FANA-I

C<sub>10</sub>H<sub>11</sub>FN<sub>4</sub>O<sub>4</sub> 270.22

ND09525

50mg	\$95.00
100mg	\$175.00
250mg	\$315.00



## Deoxyfluoroa

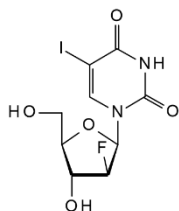
## 1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)-5-iodouracil

• Fialuridine

[69123-98-4] C<sub>9</sub>H<sub>10</sub>FIN<sub>2</sub>O<sub>5</sub> 372.09

ND08477

25mg	\$85.00
50mg	\$150.00
100mg	\$260.00



## 1-(2'-Deoxy-2'-fluoro-b-L-arabinofuranosyl)-5-methyluracil

see *Clevudine, NC09470* on page 153

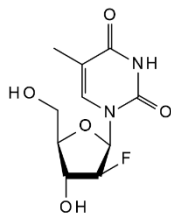
## 1-(2-Deoxy-2-fluoro-b-D-arabinofuranosyl)-5-methyluracil

• D-FMAU

[69256-17-3] C<sub>10</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>5</sub> 260.22

ND11876

10mg	\$85.00
25mg	\$165.00
50mg	\$300.00

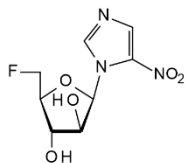


## 1-(5'-Deoxy-5'-fluoro-b-D-arabinofuranosyl)-2-nitroimidazole

[220793-03-3] C<sub>8</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>5</sub> 247.18

ND07902

5mg	\$725.00
10mg	\$1000.00
25mg	\$2250.00



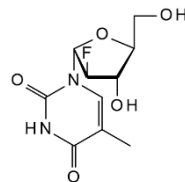
Refs: Piet M, et.al, J. Nucl. Med, 2005, 46, p106

## 1-(2'-Deoxy-2'-fluoro-a-L-arabinofuranosyl)-thymine

[1027764-72-2] C<sub>10</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>5</sub> 260.22

ND58417

25mg	\$64.50
50mg	\$103.00
100mg	\$165.00

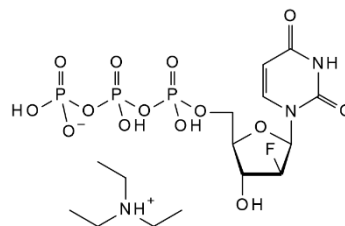


## 1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)uracil 5'-triphosphate triethylammonium salt

C<sub>9</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>14</sub>P<sub>3</sub>·C<sub>6</sub>H<sub>16</sub>N 587.32

ND11257

Price On Application



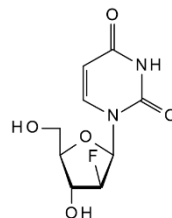
## 1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)uracil

- 1-(2-Deoxy-2-fluoro-b-D-arabinofuranosyl)uracil
- 2-Deoxy-2'-fluoro-D-arabinofuranosyl uracil
- 2'-Fluoro-arabinofuranosyl-2'-deoxy-uridine

[69123-94-0] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>5</sub> 246.2

ND06062

1g	\$85.00
2g	\$160.00
5g	\$375.00



Refs: Strezycski RZ, et.al, J. Med. Chem, 1990, 33, p2150

**1-(2'-Deoxy-2'-fluoro-b-L-arabinofuranosyl)-uracil**[69123-94-0] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>5</sub> 246.19

ND58418

500mg  
1g\$65.00  
\$106.68**1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)uracil**

see 1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)uracil, ND06062 on page 194

**2-Deoxy-2'-fluoro-D-arabinofuranosyl uracil**

see 1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)uracil, ND06062 on page 194

**9-(2-Deoxy-2-fluoro-b-D-xylofuranosyl)-9H-purin-6-amine**[123334-75-8] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>3</sub> 269.23

ND157192

Price On Application

**2'-Deoxy-2'-fluorocytidine-5'-monophosphate**

• 2'-Deoxy-2'-fluoro-5'-cytidylic acid

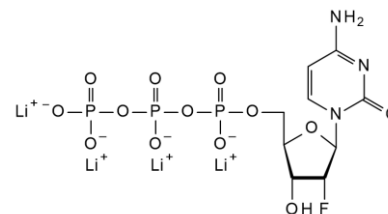
[63541-62-8] C<sub>9</sub>H<sub>13</sub>FN<sub>3</sub>O<sub>7</sub>P 325.19

ND145453

Price On Application

**2'-Deoxy-2'-fluorocytidine-5'-triphosphate lithium salt - 100mM aqueous solution**[66840-03-7 (free acid)] C<sub>9</sub>H<sub>11</sub>FN<sub>3</sub>O<sub>13</sub>P<sub>3</sub>·Li<sub>4</sub> 508.88

NF46155

1mg  
2.5mg  
5mg\$95.00  
\$187.50  
\$325.00**2'-Deoxy-2'-fluorocytidine-5'-triphosphate sodium salt - 100mM aqueous solution**

• 2'F-dCTP.Na

C<sub>9</sub>H<sub>15</sub>FN<sub>3</sub>O<sub>13</sub>P<sub>3</sub> 485.15

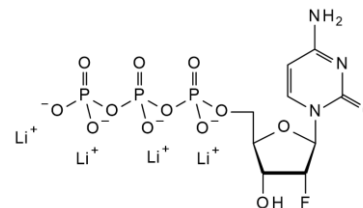
ND157276

2.5mg  
5mg  
10mg\$150.00  
\$250.00  
\$390.00**2'-Deoxy-2'-fluorocytidine-5'-triphosphate tetralithium salt**

• 2'F-fluoro-dCTP

C<sub>9</sub>H<sub>11</sub>FLi<sub>4</sub>N<sub>3</sub>O<sub>13</sub>P<sub>3</sub> 508.88

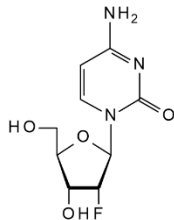
ND09530

1mg  
2mg  
5mg\$65.00  
\$110.00  
\$225.00

**Deoxyfluoroc****2'-Deoxy-2'-fluorocytidine**[10212-20-1] C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>4</sub> 245.21

ND06189

1g	\$42.00
2g	\$66.00
5g	\$135.00

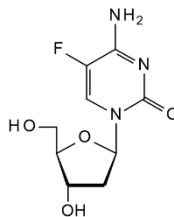


Refs: Stuyver LJ, McBrayer TR, Whitaker T, Tharnish PM, Ramesh M, Lostia S, Cartee L, Shi J, Hobbs A, Schinazi RF, Antimicrob. Agents Chemother. 2004, Vol48, Pt2, p651-654

**2'-Deoxy-5-fluorocytidine**[10356-76-0] C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>4</sub> 245.21

ND10199

100mg	\$55.00
250mg	\$82.50
500mg	\$130.00

**3'-Deoxy-3'-fluorocytidine**

[123402-20-0]

ND15613

Price On Application

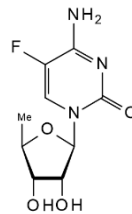
**5'-Deoxy-5-fluorocytidine**

• 1-(5-Deoxy-b-D-ribofuranosyl)-5-fluorocytidine

[66335-38-4] C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>4</sub> 245.21

ND04700

100mg	\$84.00
250mg	\$132.50
500mg	\$210.00



Refs: Cook AF, Holman MJ, Kramer MJ, Trown PW, J. Med. Chem. 1979, Vol22, No11, p1330

**2'-Deoxy-2'-fluoro-5'-cytidylic acid**

see 2'-Deoxy-2'-fluorocytidine-5'-monophosphate, ND145453 on page 195

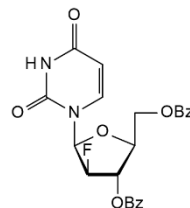
**2'-Deoxy-2'-fluoro-diaminopurine riboside**

see 2-Amino-2'-deoxy-2'-fluoroadenosine, NA05649 on page 46

**1-(2'-deoxy-2'-fluoro-3',5'-di-O-benzoyl-b-L-arabinofuranosyl)-uracil**[1312300-53-0] C<sub>23</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>7</sub> 454.4

ND58415

50mg	\$90.50
100mg	\$145.00
250mg	\$330.00

**9-(2,3-Deoxy-3-fluoro-b-D-erythro-pentofuranosyl)guanine**

see 2',3'-Dideoxy-3'-fluoroguanosine, ND06059 on page 242

**2'-Deoxy-2'-fluoro-2-fluoroadenosine**

see 9-(2'-Deoxy-2'-fluoro-b-D-ribofuranosyl)-2-fluoroadenine, ND09526 on page 201



**2'-Deoxy-2'-fluoroguanosine-5'-monophosphate**

• 2'-Deoxy-2'-fluoro-5'-guanylic acid

[170784-58-4] C<sub>10</sub>H<sub>13</sub>FN<sub>5</sub>O<sub>7</sub>P 365.21

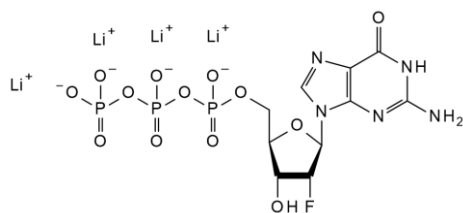
ND145454

Price On Application

**2'-Deoxy-2'-fluoroguanosine-5'-triphosphate lithium salt - 100mM aqueous solution**[202186-97-8] C<sub>10</sub>H<sub>11</sub>FN<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·4Li 548.9

ND46153

1mg	\$95.00
2.5mg	\$187.50
5mg	\$325.00

**2'-Deoxy-2'-fluoroguanosine-5'-triphosphate sodium salt - 100mM aqueous solution**

• 2'F-dGTP.Na

C<sub>10</sub>H<sub>15</sub>FN<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·Na 548.16

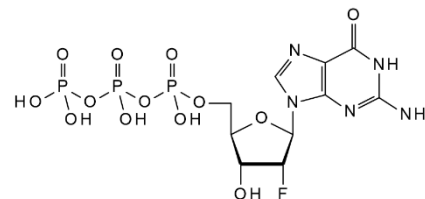
ND157277

2.5mg	\$150.00
5mg	\$250.00
10mg	\$390.00

**2'-Deoxy-2'-fluoroguanosine-5'-triphosphate tetralithium salt**[202186-97-8] C<sub>10</sub>H<sub>15</sub>FN<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·xLi 525.17 (free acid basis)

ND09529

1mg	\$95.00
2mg	\$140.00
5mg	\$275.00

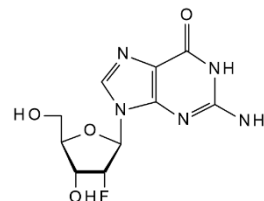
**2'-Deoxy-2'-fluoroguanosine**

- 2'-Fluoro-2'-deoxy-D-guanosine
- 9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-2,6-diaminopurine
- 9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-guanine

[78842-13-4][125291-17-0] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>4</sub> 285.23

ND02828

500mg	\$60.00
1g	\$95.00
2g	\$170.00



Refs: Benseler F, Williams DM, Eckstein F, Nucleosides &amp; Nucleotides 1992

**3'-Deoxy-3'-fluoroguanosine**

• 9-[3-Deoxy-3-fluoro-b-D-ribofuranosyl]guanine

[123402-21-1] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>4</sub>F 285.23

ND10826

25mg	\$65.00
50mg	\$110.00
100mg	\$180.00

**2'-Deoxy-2'-fluoro-5'-guanylic acid**

see 2'-Deoxy-2'-fluoroguanosine-5'-monophosphate, ND145454 on page 197

**Deoxyfluoroi****2'-Deoxy-2'-fluorinosine 5'-monophosphate lithium salt**C<sub>10</sub>H<sub>12</sub>FN<sub>4</sub>O<sub>7</sub>P·xLi 350.20 (free acid basis)

ND76635

Price On Application

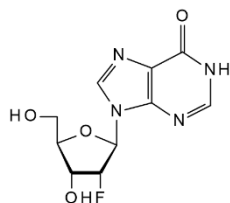
**2'-Deoxy-2'-fluorinosine**

- 2'-Fluoro-2'-deoxy-D-inosine
- 9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-hypoxanthine

[80049-87-2] C<sub>10</sub>H<sub>11</sub>FN<sub>4</sub>O<sub>4</sub> 270.22

ND06005

100mg	\$65.00
250mg	\$125.00
500mg	\$195.00

**3'-Deoxy-3'-fluorinosine**

[117517-20-1]

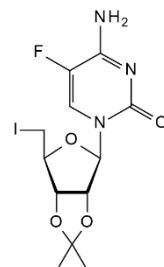
ND61411

Price On Application

**5'-Deoxy-5-fluoro-5-iodo-2',3'-O-isopropylidencytidine**[61787-05-1] C<sub>12</sub>H<sub>15</sub>FIN<sub>3</sub>O<sub>4</sub> 411.17

ND02642

25mg	\$105.00
50mg	\$199.50
100mg	\$389.00

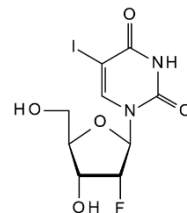
**2'-Deoxy-2'-fluoro-5-iodouridine**

- 5-Iodo-2'-fluorouridine

[183293-80-3][55612-21-0] C<sub>9</sub>H<sub>10</sub>FIN<sub>2</sub>O<sub>5</sub> 372.09

ND07901

25mg	\$60.00
50mg	\$95.00
100mg	\$175.00



Refs: Conti PS, et.al, Nucl. Med. Biol, 1995, 22, p783

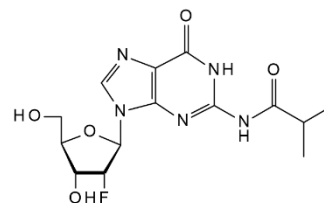
**2'-Deoxy-2'-fluoro-N2-isobutyrylguanosine**

- N2-Isobutyryl-2'-fluoro-deoxyguanosine

C<sub>14</sub>H<sub>18</sub>FN<sub>5</sub>O<sub>5</sub> 355.33

ND08523

50mg	\$50.00
100mg	\$75.00
250mg	\$125.00

**2'-Deoxy-2'-fluoroisoguanosine**

see 9-(2'-Deoxy-2'-fluoro-b-D-ribofuranosyl)-isoguanine, ND09527 on page 201

D

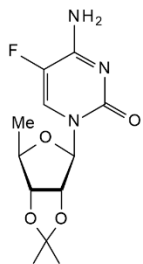
**5'-Deoxy-5-fluoro-N4-(isopentylloxycarbonyl)cytidine**

see 5'-Deoxy-5-fluoro-N-[(3-methylbutoxy)carbonyl]cytidine, ND16527 on page 199

**5'-Deoxy-5-fluoro-2',3'-O-isopropylidene cytidine**[66335-39-5] C<sub>12</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>4</sub> 285.28

ND06334

5g	\$99.80
10g	\$157.50
25g	\$315.00

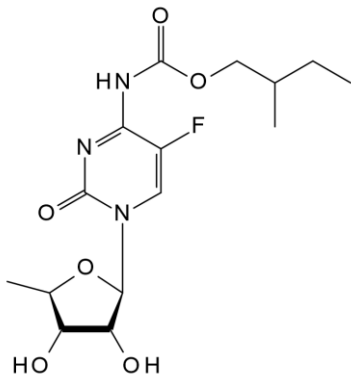
**2'-Deoxy-2'-fluoro-5-methylarabinofuranosyluracil**

see Clevudine, NC09470 on page 153

**5'-Deoxy-5-fluoro-N-[(2-methylbutoxy)carbonyl]cytidine**[910129-15-6] C<sub>15</sub>H<sub>22</sub>FN<sub>3</sub>O<sub>6</sub> 359.35

ND16526

1mg	\$149.90
2mg	\$272.60
5mg	\$495.50

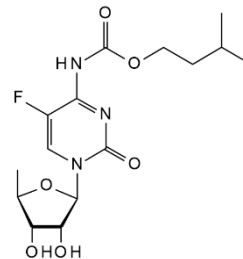
**5'-Deoxy-5-fluoro-N-[(3-methylbutoxy)carbonyl]cytidine**

- [1-(5-Deoxy-b-D-ribofuranosyl)-5-fluoro-1,2-dihydro-2-oxo-4-pyrimidinyl]-carbamic acid 3-methylbutyl ester
- 5'-Deoxy-5-fluoro-N4-(isopentylloxycarbonyl)cytidine

[162204-30-0] C<sub>15</sub>H<sub>22</sub>FN<sub>3</sub>O<sub>6</sub> 359.35

ND16527

2mg	\$125.00
5mg	\$227.20
10mg	\$413.00

**2'-Deoxy-2'-fluoro-5-methylcytidine 5'-monophosphate**

ND145455

Price On Application

**2'-Deoxy-2'-fluoro-5-methylcytidine 5'-triphosphate**[847647-94-3] C<sub>10</sub>H<sub>17</sub>FN<sub>3</sub>O<sub>13</sub>P<sub>3</sub> 499.17

ND71635

Price On Application

**2'-Deoxy-2'-fluoro-5-methylcytidine**[182495-80-3] C<sub>10</sub>H<sub>14</sub>FN<sub>3</sub>O<sub>4</sub> 259.23

ND71638

5mg	\$78.00
10mg	\$120.00
25mg	\$235.00



**Deoxyfluorom****(E)-2'-Deoxy-2'-(fluoromethylene)cytidine**

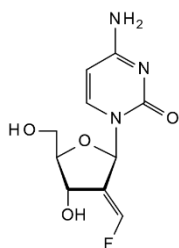
• Tezacitabine

[130306-02-4] C<sub>10</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>4</sub> 257.22

ND10202

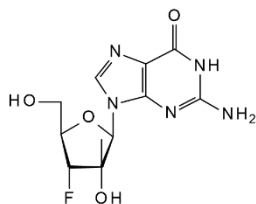
100mg

\$7500.00

**3'-Deoxy-3'-fluoro-2'-C-methylguanosine**[1434144-21-4] C<sub>11</sub>H<sub>14</sub>FN<sub>5</sub>O<sub>4</sub> 299.26

ND63066

Price On Application

**2'-Deoxy-2'-fluoro-2'-C-methyl-5-methyluridine**

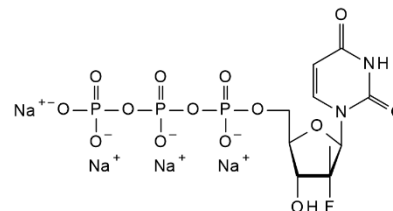
ND29434

Price On Application

**2'-Deoxy-2'-fluoro-2'-C-methyluridine 5'-triphosphate sodium salt**[1015073-42-3 (free acid)] C<sub>10</sub>H<sub>16</sub>FN<sub>2</sub>O<sub>14</sub>P<sub>3</sub> 500.16

ND63565

Price On Application

**2'-Deoxy-2'-fluoro-2'-C-methyluridine**

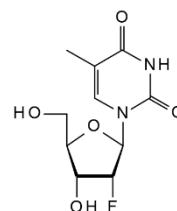
• PSI-6206

[863329-66-2] C<sub>10</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>5</sub> 260.22

ND29433

50mg  
100mg  
250mg\$60.00  
\$95.00  
\$175.00**2'-Deoxy-2'-fluoro-5-methyluridine**• 2'-Deoxy-2'-fluoro-b-D-ribofuranosyl methyluracil  
• 2'-Deoxy-2'-fluorothymidine[2923-73-1][122799-38-6] C<sub>10</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>5</sub> 260.22

ND03465

25mg  
50mg  
100mg\$70.00  
\$115.00  
\$190.00

**3'-Deoxy-5-fluoro-3'-methyluridine**

[37731-67-2]

ND144802

Price On Application

**1-(3'-Deoxy-3'-fluoro-b-D-pentofuranosyl)thymine**

see 3'-Deoxy-3'-fluorothymidine, ND02399 on page 202

**5'-Deoxy-5-fluoro-N-[(pentyloxy)carbonyl]cytidine cyclic 2',3'-carbonate**

see Capecitabine 2',3'-cyclic carbonate, NC16644 on page 135

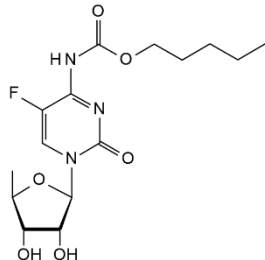
**5'-Deoxy-5-fluoro-N4-(pentyloxy)carbonyl]cytidine**

- Capecitabine
- [1-(5-Deoxy-b-D-ribofuranosyl)-5-fluoro-1,2-dihydro-2-oxo-4-pyrimidinyl] carbamic acid penty ester

[154361-50-9] C<sub>15</sub>H<sub>22</sub>FN<sub>3</sub>O<sub>6</sub> 359.35

ND09160

1g	\$65.00
2g	\$110.00
5g	\$225.00



Refs: Xiangshu F, et.al, Nucl. Med. Biol, 2004, 31, p1033

**1-(2-Deoxy-2-fluoro-5-O-phosphono-b-D-arabinofuranosyl)-5-iodo-2,4(1H,3H)-pyrimidinedione**

see Fialuridine 5'-monophosphate, NF16547 on page 274

**9-[3-Deoxy-3-fluoro-b-D-ribofuranosyl]guanine**

see 3'-Deoxy-3'-fluoroguanosine, ND10826 on page 197

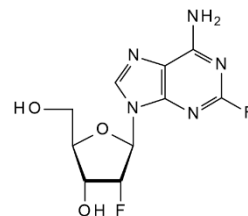
**9-(2'-Deoxy-2'-fluoro-b-D-ribofuranosyl)-2-fluoroadenine**

- 2'-Deoxy-2'-fluoro-2-fluoroadenosine

C<sub>10</sub>H<sub>11</sub>F<sub>2</sub>N<sub>5</sub>O<sub>3</sub> 287.23

ND09526

25mg	\$70.00
50mg	\$125.00
100mg	\$225.00

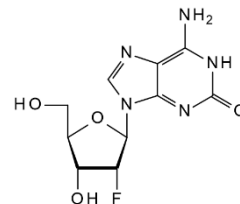
**9-(2'-Deoxy-2'-fluoro-b-D-ribofuranosyl)-isoguanine**

- 2'-Deoxy-2'-fluoroisoguanosine

C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>4</sub> 285.24

ND09527

25mg	\$90.00
50mg	\$165.00
100mg	\$295.00

**2'-Deoxy-2'-fluoro-b-D-ribofuranosyl methyluracil**

see 2'-Deoxy-2'-fluoro-5-methyluridine, ND03465 on page 200

**1-(2-Deoxy-2-fluoro-b-L-ribofuranosyl) uracil**

see 2'-Deoxy-2'-fluoro-L-uridine, ND02886 on page 204

**3'-Deoxy-3'-fluorothymidine-5'-monophosphate disodium salt**

ND63287

Price On Application



**Deoxyfluorot****3'-Deoxy-3'-fluorothymidine-5'-triphosphate sodium salt**

ND63288

25mg

\$3000.00

**2'-Deoxy-2'-fluorothymidine**

see 2'-Deoxy-2'-fluoro-5-methyluridine, ND03465 on page 200

**3'-Deoxy-3'-fluorothymidine**

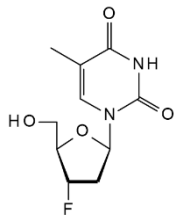
- 3'-Fluorothymidine
- 1-(3'-Deoxy-3'-fluoro-b-D-pentofuranosyl)thymine
- Alovudine

[25526-93-6]

C<sub>10</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>4</sub>

244.22

ND02399

25mg  
50mg  
100mg\$45.00  
\$55.00  
\$85.00

Refs: Langen P, Etzold G, Hintsche R, Kowolik G, Acta Biol. Med. Ger. 1969, 23(6), 759-66; Eisenhut M, et.al, J. Labelled Compds. Radiopharm, 2000, 43, p1211

**5'-Deoxy-5'-fluorothymidine**

[17199-43-8]

C<sub>10</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>4</sub>

244.22

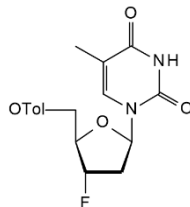
ND78221

Price On Application

**3'-Deoxy-3'-fluoro-5'-O-toluylthymidine**C<sub>18</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>5</sub> 348.43

ND08983

Price On Application

**2'-Deoxy-2'-fluoro-5-(trimethylstannyl)uridine-epimer**

- FTRU

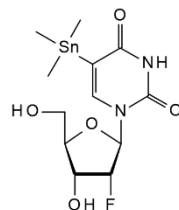
[336881-26-6]

C<sub>12</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>5</sub>Sn

408.98

ND03507

Price On Application



Refs: Vaidyanathan G, et.al, Nucl. Med. Biol, 1998, 25, p487

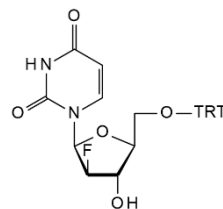
**1-(2'-Deoxy-2'-fluoro-5'-O-trityl-b-L-arabinofuranosyl)-uracil**C<sub>28</sub>H<sub>25</sub>FN<sub>2</sub>O<sub>5</sub>

488.51

ND58416

1g

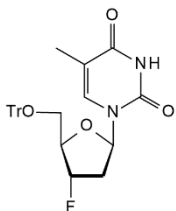
\$95.41



**3'-Deoxy-3'-fluoro-5'-O-tritylthymidine**[135197-63-6] C<sub>29</sub>H<sub>27</sub>FN<sub>2</sub>O<sub>4</sub> 486.53

ND04744

25mg	\$100.00
50mg	\$184.00
100mg	\$357.00

**2'-Deoxy-5-fluoro-uridine 3',5'-bis(4-chlorobenzoate)**

see 3',5'-Di-O-p-chlorobenzoyl-2'-deoxy-5-fluorouridine, ND22463 on page 236

**2'-Deoxy-5-fluorouridine 5'-diphosphate sodium salt**

• 5F-dUDP

ND31488

Price On Application

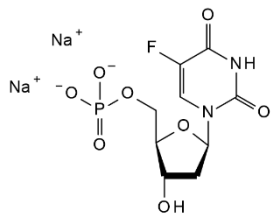
**2'-Deoxy-5-fluorouridine 5'-monophosphate sodium salt**

• 5F-dUMP

[103226-10-4] C<sub>9</sub>H<sub>10</sub>FN<sub>2</sub>O<sub>8</sub>P<sub>2</sub>Na 370.14

ND15883

1mg	\$85.00
2mg	\$125.00
5mg	\$230.00

**2'-Deoxy-2'-fluorouridine-5'-monophosphate**

• 2'-Deoxy-2'-fluoro-5'-uridylic acid

[50270-97-8] C<sub>9</sub>H<sub>12</sub>FN<sub>2</sub>O<sub>8</sub>P 326.17

ND145456

Price On Application

**2'-Deoxy-2'-fluorouridine-5'-triphosphate lithium salt - 100mM aqueous solution**

• 2'-F-dUTP.Li

C<sub>9</sub>H<sub>14</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub>F<sub>2</sub>Li 486.13 (free acid basis)

ND46156

1mg	\$95.00
2.5mg	\$187.50
5mg	\$325.00

**2'-Deoxy-2'-fluorouridine-5'-triphosphate sodium salt - 100mM aqueous solution**

• 2'F-dUTP.Na

[66840-02-6] C<sub>9</sub>H<sub>14</sub>FN<sub>2</sub>O<sub>14</sub>P<sub>3</sub>Na 509.12

ND157275

2.5mg	\$150.00
5mg	\$250.00
10mg	\$390.00

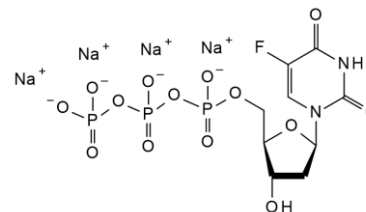
**2'-Deoxy-5-fluorouridine-5'-triphosphate sodium salt**

• 5F-dUTP

C<sub>9</sub>H<sub>10</sub>FN<sub>2</sub>O<sub>14</sub>P<sub>3</sub>4Na 574.06

ND31483

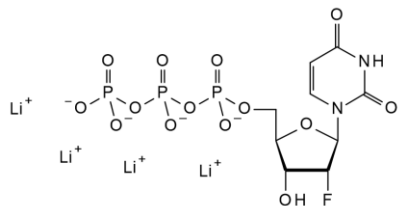
Price On Application



**Deoxyfluorou****2'-Deoxy-2'-fluorouridine-5'-triphosphate tetralithium salt**[66840-02-6] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>14</sub>P<sub>3</sub>Li<sub>4</sub> 510.87

ND09528

1mg	\$65.00
2mg	\$110.00
5mg	\$225.00

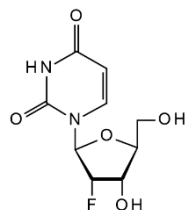
**2'-Deoxy-2'-fluoro-L-uridine**

• 1-(2-Deoxy-2-fluoro-b-L-ribofuranosyl) uracil

[622785-69-7] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>5</sub> 246.2

ND02886

Price On Application

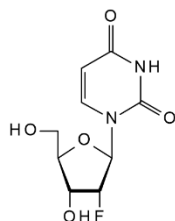
**2'-Deoxy-2'-fluorouridine**

• 1-(2'-Fluoro-2'-deoxy-b-D-ribofuranosyl)uracil

[784-71-4] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>5</sub> 246.2

ND06544

5g	\$70.00
10g	\$125.00
25g	\$225.00



Refs: Richardson FC, Tennant BC, Meyer DJ, Richardson KA, Mann PC, McGinty GR, Wolf JL, Zack PM, Bendele RA, Toxicological Pathology 1999, Vol27, No6, p607-617

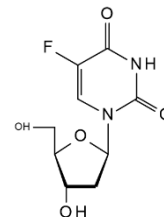
**2'-Deoxy-5-fluorouridine**

- 5-Fluoro-2'-deoxy-D-uridine
- Floxuridine

[50-91-9] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>5</sub> 246.2

ND02921

2g	\$44.00
5g	\$70.00
10g	\$110.00



Refs: Harris M, et al, Biophys. J. 1964, 4, p203

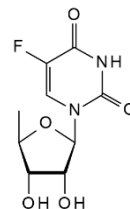
**5'-Deoxy-5-fluorouridine**

- Doxifluridine
- 5'dUrd, 5-fluoro-5'-deoxyuridine, 5'-DFUR, doxifluridine

[3094-09-5][38817-29-7] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>5</sub> 246.2

ND02968

2g	\$65.00
5g	\$95.00
10g	\$150.00



Refs: De Cesane, M, et al, Cancer Res, 49, 5969 (1994); Di Bartolomeo, M, et al, Tumori, 81, 147(1995)

**2'-Deoxy-2'-fluoro-5'-uridylic acid**

see 2'-Deoxy-2'-fluorouridine-5'-monophosphate, ND145456 on page 203

**9-(3'-O-Deoxy-3'-fluoro-b-D-xylofuranosyl)adenine**

ND137583

Price On Application





## 1-(3'-Deoxy-3'-fluoro-b-D-xylofuranosyl)cytosine

ND137581

Price On Application



## 1-(3'-Deoxy-3'-fluoro-b-D-xylofuranosyl)-5-methyluracil

ND137579

Price On Application



## 1-(3'-Deoxy-3'-fluoro-b-D-xylofuranosyl)uracil

ND137580

Price On Application

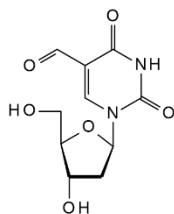


## 2'-Deoxy-5-formylcytidine

[137017-45-9] C<sub>10</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 255.23

ND63556

1mg	\$85.00
2mg	\$150.00
5mg	\$275.00



## 2'-Deoxy-5-formyluridine

[4494-26-2] C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 256.21

ND29039

10mg	\$85.00
25mg	\$175.00
50mg	\$315.00



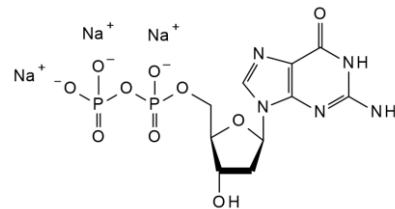
## 2'-Deoxyguanosine-5'-diphosphate disodium salt

• dGDP.Na

[102783-74-4] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>·2Na 471.16

ND31607

25mg	\$125.00
50mg	\$195.00
100mg	\$350.00



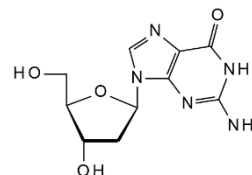
## 2'-Deoxyguanosine monohydrate

• 9-(2-Deoxy-b-D-erythro-pentofuranosyl)guanine monohydrate

[961-07-9][312693-72-4] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>·H<sub>2</sub>O 285.26

ND06306

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



Refs: Martin JC, McGee DPC, Jeffrey GA, Hobbs DW, J. Med. Chem, 1986



## 2'-Deoxyguanosine-5'-monophosphate disodium salt

• 5'-dGMP Na<sub>2</sub>[33430-61-4] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>7</sub>P 391.19

ND02996

1g	\$60.00
2g	\$110.00
5g	\$225.00



**Deoxyguanosine****2'-Deoxyguanosine-5'-monophosphate free acid**

- 5'-Deoxyguanylic acid,
- dGMP

[902-04-5] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>7</sub>P 347.22

ND29406

Price On Application

**2'-Deoxyguanosine-5'-triphosphate sodium salt - 100mmol solution**

- dGTP.Na

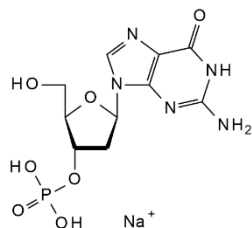
[2564-35-4] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 507.18

ND46292

50mg  
100mg\$125.00  
\$220.00**2'-Deoxyguanosine 3'-monophosphate sodium salt**[102814-03-9] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>7</sub>P·2Na 391.19

ND05424

100mg	\$63.00
250mg	\$120.00
500mg	\$200.00

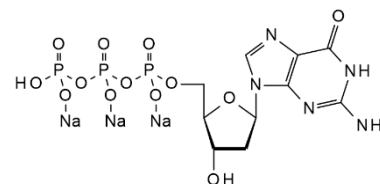
**2'-Deoxyguanosine-5'-triphosphate trisodium salt**

- 5'-dGTP Na<sub>3</sub>

[93919-41-6][2564-35-4][18423-40-0] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·3Na 573.13

ND06585

50mg	\$55.00
100mg	\$80.00
250mg	\$150.00

**2'-Deoxyguanosine-5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution**

- a-Thio-dGTP

[80902-28-9] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub>S·xLi 523.25 (free acid basis)

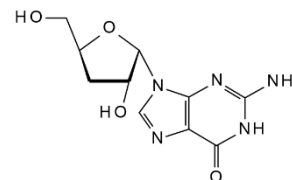
ND32068

Price On Application

**2'-Deoxy-a-guanosine**[19916-78-0] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.25

ND09163

10mg	\$95.00
25mg	\$185.00
50mg	\$275.00

**3'-Deoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution**

ND71669

0.5mg	\$130.00
1mg	\$220.00
2.5mg	\$475.00



D

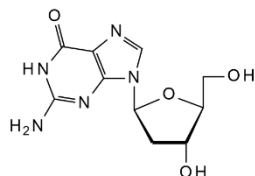
**2'-Deoxy-L-guanosine**

• 9-(2-deoxy-b-L-erythro-pentofuranosyl)guanine

[22837-44-1] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.25

ND05774

100mg	\$125.00
200mg	\$190.00
500mg	\$350.00

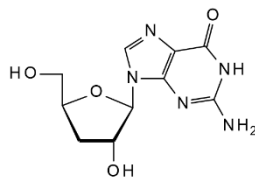


Refs: Urata H, Ogura E, Shinohara K, Ueda Y, Akagi M, Nucleic Acids Res. 1992, July 11, 20(13), 3325-3332

**3'-Deoxyguanosine**[3608-58-0] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.25

ND06319

25mg	\$50.00
50mg	\$85.00
100mg	\$155.00



Refs: Barai VN, Zinchenko AI, Erosheskaya LA, Zhernosek EV, De Clercq E, Mikhailopolu IA, Helv. Chim. Acta 2002, Vol85, Issue 7, p1893-1900

**N-(2'-Deoxyguanosin-8-yl)-4-amino(biphenyl-2',3',4',5',6'-D5)**

see 8-(4-Amino-(2',3',4',5',6'-D5-biphenyl)-2'-deoxyguanosine, NA04647 on page 39

**N-(2'-Deoxyguanosin-8-yl)-4-amino(biphenyl)**• DG-C8-ABP  
• 8-(4-Biphenylamino)-2'-deoxyguanosine[84283-08-9] C<sub>22</sub>H<sub>22</sub>N<sub>6</sub>O<sub>4</sub> 434.45

ND11672

Price On Application

**N-(Deoxyguanosin-8-yl)-2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine**

see 8-(2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridyl)-2'-deoxyguanosine, NA04649 on page 58

**N-(Deoxyguanosin-8-yl)-2-amino-1-methyl-D3-6-phenylimidazo[4,5-b]pyridine**

see 8-(2-Amino-1-methyl-D3-6-phenylimidazo[4,5-b]pyridyl)-2'-deoxyguanosine, NA05715 on page 58

**5'-Deoxyguanylic acid,**

see 2'-Deoxyguanosine-5'-monophosphate free acid, ND29406 on page 206

**2'-Deoxy-8-hydroxyadenosine**

see 2'-Deoxy-8-oxo-adenosine, ND02928 on page 217

**2'-Deoxy-5-hydroxycytidine**[52278-77-0] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 243.22

ND02927

2mg	\$40.00
5mg	\$90.00
10mg	\$150.00

**2'-Deoxy-5-hydroxymethylcytidine-5'-triphosphate lithium salt - 100 mM aqueous solution**

• 5-Hydroxymethyl-dCTP.Li

C<sub>10</sub>H<sub>18</sub>N<sub>3</sub>O<sub>14</sub>P<sub>3</sub> 497.18

ND71643

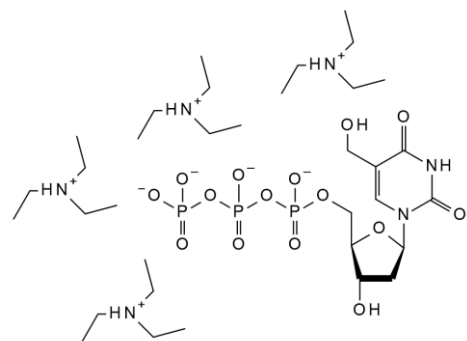
500ug	\$150.00
1mg	\$250.00
2mg	\$475.00



**Deoxyhydroxy****2'-Deoxy-5-hydroxymethyluridine-5'-triphosphate triethylammonium salt**C<sub>10</sub>H<sub>13</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>·4C<sub>6</sub>H<sub>15</sub>N 902.93

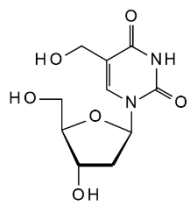
ND15243

0.5mg	\$175.00
1mg	\$295.00
2mg	\$550.00

**2'-Deoxy-5-hydroxymethyluridine**[5116-24-5] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

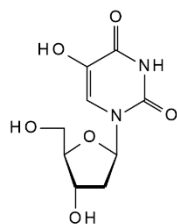
ND08018

25mg	\$66.00
50mg	\$105.00
100mg	\$158.00

**2'-Deoxy-5-hydroxyuridine**[5168-36-5] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 244.21

ND08235

10mg	\$52.50
25mg	\$100.00
50mg	\$168.00

**2'-Deoxyinosine-5'-monophosphate disodium salt**[14999-52-1] C<sub>10</sub>H<sub>11</sub>N<sub>4</sub>Na<sub>2</sub>O<sub>7</sub>P 376.17

ND13488

100mg	\$50.00
250mg	\$75.00
500mg	\$115.00

**2'-Deoxyinosine-5'-triphosphate sodium salt**[95648-77-4][16595-02-1] C<sub>10</sub>H<sub>15</sub>N<sub>4</sub>O<sub>13</sub>P<sub>3</sub>·xNa 492.17 (free acid basis)

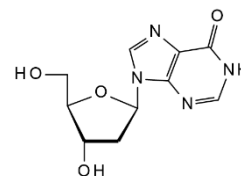
ND46159

5mg	\$75.00
10mg	\$120.00
20mg	\$200.00

**2'-Deoxyinosine**[890-38-0] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub> 252.23

ND05750

10g	\$75.00
25g	\$125.00
50g	\$245.00

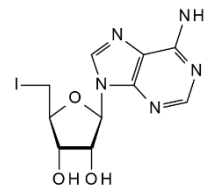


Refs: Ciuffreda P, Casati S, Santaniello E, Bioorg. Med. Chem. Lett. 1999, Vol9, No11, p1625-1630

**5'-Deoxy-5'-iodoadenosine**[4099-81-4] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>3</sub> 377.14

ND04751

10mg	\$65.00
25mg	\$95.00
50mg	\$170.00

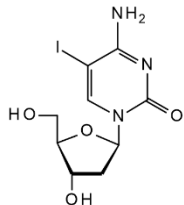


Refs: Jain TC, et al, J. Org. Chem. 1974, 39, p20

**2'-Deoxy-5-iodocytidine**[611-53-0] C<sub>9</sub>H<sub>12</sub>IN<sub>3</sub>O<sub>4</sub> 353.12

ND05777

1g	\$45.00
2g	\$85.00
5g	\$195.00

**2'-Deoxy-5-iodo-3',5'-di-O-p-toluoyluridine**[31356-86-2] C<sub>25</sub>H<sub>23</sub>IN<sub>2</sub>O<sub>7</sub> 590.36

ND138532

Price On Application

**2'-Deoxy-5-(2-iodoethyl)uridine**

[90301-67-0]

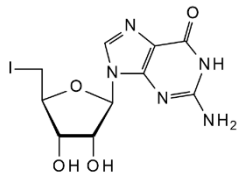
ND61524

Price On Application

**5'-Deoxy-5'-iodoguanosine**[68200-68-0] C<sub>10</sub>H<sub>12</sub>IN<sub>5</sub>O<sub>4</sub> 393.14

ND16029

100mg	\$1500.00
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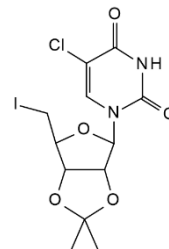
**5'-Deoxy-5'-iodo-2',3'-O-isopropylidene-5-chlorouridine**

• 5-Chloro-5'-deoxy-5'-iodo-2',3'-O-(1-methylethylidene)uridine

[94048-47-2] C<sub>12</sub>H<sub>14</sub>ClIN<sub>2</sub>O<sub>5</sub> 428.61

ND16525

50mg	\$99.50
100mg	\$181.00
250mg	\$330.00

**1-Deoxy-1-[6-((3-iodophenyl)methyl)amino]-9H-purin-9-yl]-N-methyl-b-D-ribofuranuronamide**see *N(6)-(3-Iodobenzyl)-5'-N-methylcarboxamidoadenosine, NI10756 on page 294***2'-Deoxy-5-iodo-2-pyrimidinone-D-ribose**

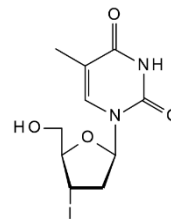
ND09265

Price On Application

**3'-Deoxy-3'-iodothymidine**[14260-82-3] C<sub>10</sub>H<sub>13</sub>IN<sub>2</sub>O<sub>4</sub> 352.13

ND07899

1mg	\$42.00
2mg	\$63.00
5mg	\$131.30



Refs: Chu CK, et.al, J. Med. Chem, 1989, 32, p612



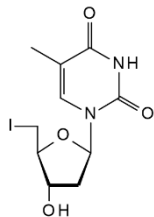
## Deoxyiodothy

## 5'-Deoxy-5'-iodothymidine

[25953-14-4] C<sub>10</sub>H<sub>13</sub>IN<sub>2</sub>O<sub>4</sub> 352.13

ND06454

25mg	\$70.00
50mg	\$125.00
100mg	\$190.00



## 2'-deoxy-7-Iodotubercidin

see 7-Deaza-2'-deoxy-7-iodoadenosine, ND06190 on page 167

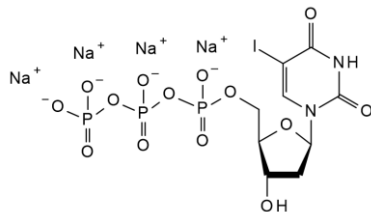
## 2'-Deoxy-5-iodouridine-5'-triphosphate sodium salt - 10mM aqueous solution

• 5I-dUTP

[3731-55-3] C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub>·4Na 681.97

ND31484

1mg	\$350.00
2.5mg	\$625.00



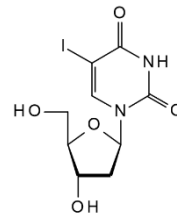
## 2'-Deoxy-5-iodouridine

- 1-(2-Deoxy-β-D-ribofuranosyl)-5-iodouracil
- Idoxuridine
- Dendrid

[54-42-2] C<sub>9</sub>H<sub>11</sub>IN<sub>2</sub>O<sub>5</sub> 354.1

ND05147

10g	\$85.00
25g	\$165.00
50g	\$325.00



Refs: Spadari S, Maga G, Verri A, Focher F, Expert Opinion On Invest. Drugs 1998, 7, 8, p1285; Pressacco J, et al, Cancer Res. 1994, 54, p3772

## 2'-Deoxy-L-5-iodouridine

see ent-idoxuridine, NE16541 on page 267

## 5'-Deoxy-5'-iodouridine

[14259-58-6]

ND144937

Price On Application

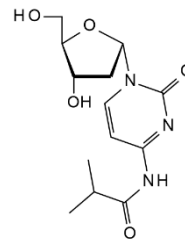


## 2'-Deoxy-N2-isobutryl-a-cytidine

C<sub>13</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub> 297.31

ND08530

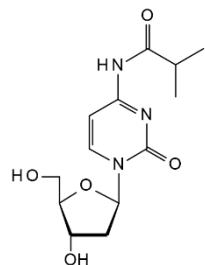
10mg	\$157.50
25mg	\$262.50
50mg	\$420.00



**2'-Deoxy-N2-isobutyrylcytidine**[110522-75-3] C<sub>13</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 297.31

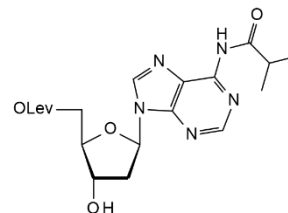
ND02994

100mg	\$90.00
250mg	\$157.50
500mg	\$265.00

**2'-Deoxy-N2-isobutyryl-5'-O-levulinoyladenine**C<sub>19</sub>H<sub>25</sub>N<sub>5</sub>O<sub>6</sub> 419.44

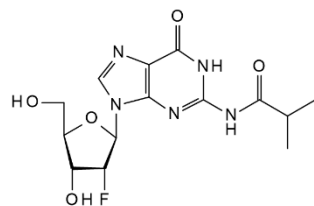
NI06926

Price On Application

**2'-Deoxy-N2-isobutyryl-2'-fluoroguanosine**[80681-25-0] C<sub>14</sub>H<sub>18</sub>FN<sub>5</sub>O<sub>5</sub> 355.32

NI57535

Price On Application

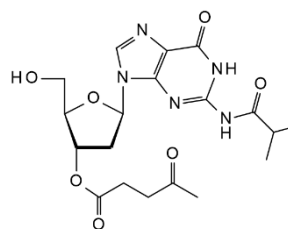
**2'-Deoxy-N2-isobutyryl-3'-O-levulinoylguanosine**

• 2'-Deoxy-N-isobutyrylguanosine 3'-levulinate

[93134-41-9] C<sub>19</sub>H<sub>25</sub>N<sub>5</sub>O<sub>6</sub> 419.44

NI06927

Price On Application

**2'-Deoxy-N-isobutyrylguanosine 3'-levulinate**

see 2'-Deoxy-N2-isobutyryl-3'-O-levulinoylguanosine, NI06927 on page 211

**2'-Deoxy-N2-isobutyryl-5'-O-levulinoylguanosine**C<sub>19</sub>H<sub>25</sub>N<sub>5</sub>O<sub>7</sub> 435.43

ND45586

Price On Application

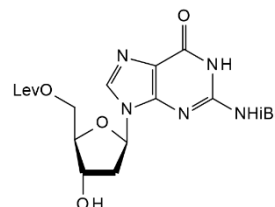
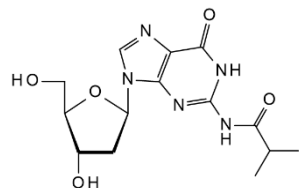
**2'-Deoxy-N2-isobutyrylguanosine**

• N2-Isobutyryl-2'-deoxyguanosine

[68892-42-2][142554-22-1] C<sub>14</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 337.34

ND02989

5g	\$60.00
10g	\$110.00
25g	\$225.00



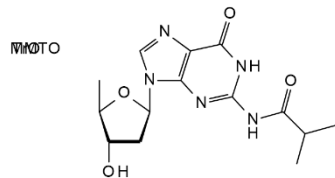
## Deoxyisobuty

## 2'-Deoxy-N2-isobutyryl-5'-O-MMT-guanosine

C<sub>34</sub>H<sub>35</sub>N<sub>5</sub>O<sub>6</sub> 609.69

ND08536

Price On Application



## 2'-Deoxy-N2-Isobutyryl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediy)guanosine

ND157584

250mg	\$50.00
500mg	\$85.00
1g	\$150.00

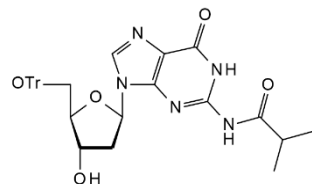


## 2'-Deoxy-N2-isobutyryl-5'-O-tritylguanosine

C<sub>33</sub>H<sub>33</sub>N<sub>5</sub>O<sub>5</sub> 579.66

ND08535

Price On Application



## 2'-Deoxyisocytidine

[123075-23-0] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub> 227.22

ND30844

25mg	\$85.00
50mg	\$150.00
100mg	\$250.00



## 2'-Deoxyisoguanine

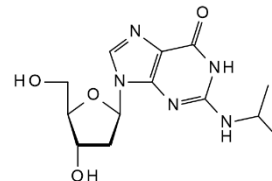
see 9-(2-Deoxy-b-D-ribofuranosyl)isoguanine, ND10029 on page 220

## 2'-Deoxy-N2-isopropylguanosine

C<sub>13</sub>H<sub>19</sub>N<sub>5</sub>O<sub>4</sub> 309.33

ND08533

1g	\$89.30
2g	\$157.50
5g	\$262.50



## 2'-Deoxy-5-isopropyluridine

see 5-Isopropyl-2'-deoxyuridine, NI16765 on page 298

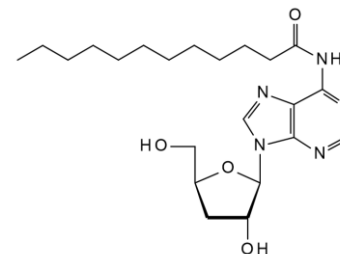
## 3'-Deoxy-N6-lauroyladenosine

• N6-Lauroylcordycepin

[77378-06-4] C<sub>22</sub>H<sub>35</sub>N<sub>5</sub>O<sub>4</sub> 433.54

ND10014

1mg	\$78.80
2mg	\$136.50
5mg	\$236.30

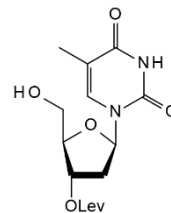


## 2'-Deoxy-3'-O-levulinoylthymidine

[78635-98-0] C<sub>15</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 340.33

ND16367

Price On Application





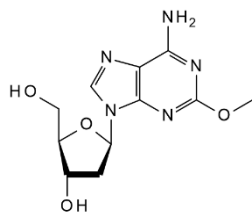
**2'-Deoxy-2-methoxyadenosine**

• 2-Methoxy-2'-deoxyadenosine

[24757-70-8] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

ND15747

5mg	\$175.00
10mg	\$330.00
25mg	\$700.00

**1-(2-Deoxy-5-O-(4-methoxytrityl)-beta-D-threo-penta-furanosyl)-5-methyluracil**

see 1-(2-Deoxy-5-O-MMT-b-D-xylofuranosyl)-5-methyluracil, ND144732 on page 217

**3'-Deoxy-5-methoxyuridine**

ND144816

Price On Application

**2'-Deoxy-N6-methyladenosine 5'-triphosphate sodium salt**

• DM6ATP

C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>Na<sub>3</sub>O<sub>12</sub>P<sub>3</sub> 571.15

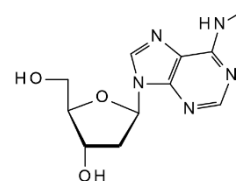
ND71654

Price On Application

**2'-Deoxy-N6-methyladenosine**[2002-35-9] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>3</sub> 265.27

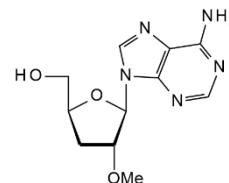
ND06386

25mg	\$50.00
50mg	\$89.50
100mg	\$158.00

**3'-Deoxy-2'-O-methyladenosine**C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>3</sub> 265.27

ND08558

5mg	\$63.00
10mg	\$105.00
25mg	\$210.00

**3'-Deoxy-3'C-methyladenosine**

[26383-05-1]

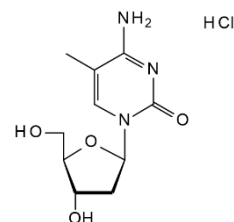
ND157123

Price On Application

**2'-Deoxy-5-methylcytidine HCl**[5241-10-1] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub>·HCl 277.71

ND08562

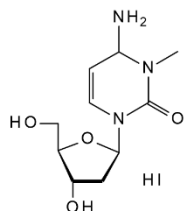
50mg	\$47.50
100mg	\$79.00
250mg	\$100.00



**Deoxymethylc****2'-Deoxy-N3-methylcytidine hydroiodide salt**C<sub>10</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>·HI 371.17

ND06231

25mg	\$65.00
50mg	\$110.00
100mg	\$195.00

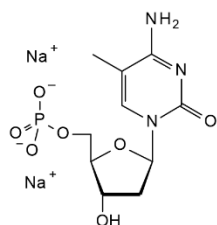
**2'-Deoxy-5-methylcytidine-5'-monophosphate disodium salt**

• 5-MedCMP

[2498-41-1] C<sub>10</sub>H<sub>14</sub>N<sub>3</sub>O<sub>7</sub>P·2Na 365.19

ND10012

10mg	\$126.00
25mg	\$262.50
50mg	\$410.00

**2'-Deoxy-N4-methylcytidine 5'-triphosphate lithium salt - 100 mM aqueous solution**

• N4-Methyl-dCTP

C<sub>10</sub>H<sub>18</sub>N<sub>3</sub>O<sub>13</sub>P<sub>3</sub> 481.18

ND71658

500ug	\$175.00
1mg	\$325.00
2mg	\$580.00

**2'-Deoxy-5-methylcytidine-5'-triphosphate sodium salt - 10 mM aqueous solution**

• 5-Methyl-dCTP

[22003-12-9] C<sub>10</sub>H<sub>18</sub>N<sub>3</sub>O<sub>13</sub>P<sub>3</sub> 481.18

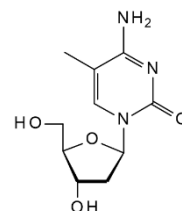
ND71642

250ug	\$180.00
500ug	\$275.00
1mg	\$495.00

**2'-Deoxy-5-methylcytidine**[838-07-3] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 241.25

ND06242

500mg	\$70.00
1g	\$110.00
2g	\$200.00

**2'-Deoxy-N4-methylcytidine**• N4-Methyldeoxycytidine  
• N4-Me-dC[22882-02-6] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 241.24

ND153424

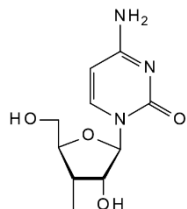
Price On Application



**3'-Deoxy-3'-C-methylcytidine**[444020-09-1] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 241.24

ND15622

Price On Application

**3'-Deoxy-3'-alpha-C-methyl-N6,N6-dimethyladenosine**

ND144756

Price On Application

**2'-Deoxy-2'-methyleneadenosine**[104409-41-8] C<sub>11</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 263.25

ND157322

500mg	\$1475.00
1g	\$2075.00
2g	\$3500.00

**2'-Deoxy-5-(1-methylethyl)uridine***see 5-Isopropyl-2'-deoxyuridine, NI16765 on page 298***2'-Deoxy-6-O-methyl-guanosine**

• O6-Methyl-2'-deoxyguanosine

[964-21-6] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

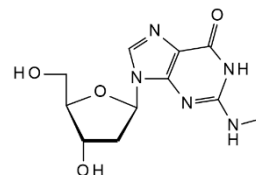
ND157121

5mg	\$110.00
10mg	\$180.00
25mg	\$350.00

**2'-Deoxy-N2-methylguanosine**[19916-77-9] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

ND06236

5mg	\$95.00
10mg	\$175.00
25mg	\$250.00

**3'-Deoxy-3'-methylguanosine**

• 3'-Deoxy-3'-C-methylguanosine

[444020-69-3] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

ND144927

Price On Application

**2'-Deoxy-5-methyl-isocytidine triphosphate**

ND76410

Price On Application

**2'-Deoxy-5-methyl-isocytidine**

• 5-Methyl-iC

ND76392

Price On Application



## Deoxymethyli

**2'-Deoxy-5-methylisocytidine**

- 2-Amino-1-(2-deoxy-b-D-ribofuranosyl)-5-methyl-4(1H)-pyrimidinone
- 5-Methyl-2'-deoxyisocytidine

[19316-88-2] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 241.24

ND144597	100mg	\$75.00
	250mg	\$125.00
	500mg	\$195.00

**3'-Deoxy-3'-C-methyl-5-methyluridine**

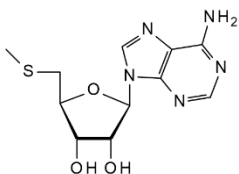
[847650-50-4]

Price On Application

ND144925

**5'-Deoxy-5'-(methylthio)adenosine**[2457-80-9] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>3</sub>S 297.34

ND07992	50mg	\$95.00
	100mg	\$150.00
	250mg	\$300.00

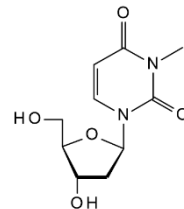
**2'-Deoxy-6-methylthioguanosine**[37113-42-1] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub>S 297.33

ND71741	1mg	\$195.00
	2mg	\$370.00
	5mg	\$750.00

**2'-Deoxy-N3-methyluridine**[24514-32-7] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 242.23

ND05865

25mg	\$95.00
50mg	\$150.00
100mg	\$260.00

**3'-Deoxy-2'-C-methyluridine**

[934014-19-4]

Price On Application

ND14100

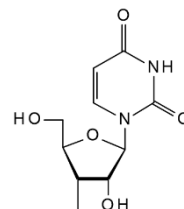
**3'-Deoxy-3'-C-methyluridine**

- 3'-Deoxy-3'-methyluridine

[444020-64-8] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 242.23

ND15620

Price On Application

**3'-Deoxy-3'-methyluridine**

see 3'-Deoxy-3'-C-methyluridine, ND15620 on page 216

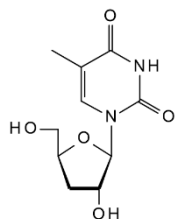
**3'-Deoxy-5-methyluridine**

• 5-Methyl-3'-deoxyuridine

[7084-29-9] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 242.23

ND02776

5mg	\$65.00
10mg	\$115.00
25mg	\$205.00

**1-(2-Deoxy-5-O-MMT-b-D-threo-pentofuranosyl)-5-fluorouracil**[121353-92-2] C<sub>29</sub>H<sub>27</sub>FN<sub>2</sub>O<sub>6</sub> 518.53

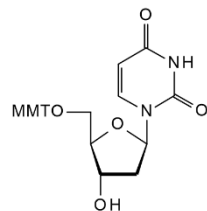
ND144733

Price On Application

**2'-Deoxy-5'-O-MMT-uridine**C<sub>29</sub>H<sub>28</sub>N<sub>2</sub>O<sub>6</sub> 500.56

ND09056

Price On Application

**1-(2-Deoxy-5-O-MMT-b-D-xylofuranosyl)-5-methyluracil**

• 1-(2-Deoxy-5-O-(4-methoxytrityl)-beta-D-threo-penta-furanosyl)-5-methyluracil

[124680-51-9]

ND144732

Price On Application

**1-(2-Deoxy-3-O-(4-nitrobenzenesulfonyl)-5-O-DMT-b-D-ribofuranosyl)-3-(tert-butyloxycarbonyl)thymine**

see 3-N-Boc-5'-O-DMT-3'-O-nosylthymidine, NB09438 on page 122

**2'-Deoxynucleoside-5'-triphosphate mixture**

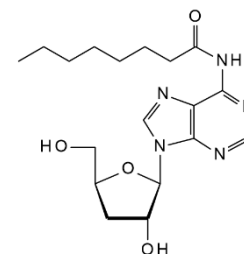
ND02839

Price On Application

**3'-Deoxy-N6-octanoyladenine**• N6-Octanoyl cordycepin  
• N6-Octanoyl-3'-deoxyadenosine[77378-05-3] C<sub>18</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub> 377.44

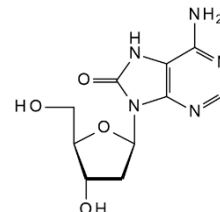
ND10013

5mg	\$375.00
10mg	\$650.00
25mg	\$1000.00

**2'-Deoxy-8-oxo-adenosine**• 2'-Deoxy-7,8-dihydro-8-oxo-adenosine  
• 2'-Deoxy-8-hydroxyadenosine[62471-63-0] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.25

ND02928

1mg	\$46.00
2mg	\$71.00
5mg	\$136.50



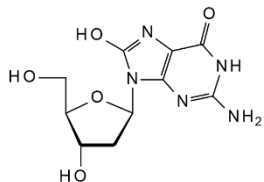
**Deoxyoxoguan****2'-Deoxy-8-oxoguanosine**

- 8-Hydroxy-2'-deoxyguanosine
- 8-Oxo-dG

[88847-89-6] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub> 283.25

ND06344

10mg	\$65.00
25mg	\$125.00
50mg	\$225.00



Refs: Lin T-S, et al, J. Med. Chem. 1985, 28, p1194; Orimo et al. Cancer Science 2006, 97, p99; Pilger, Ruediger, Int. Arch. Occup. Environ. Health 2006, 80, p1

**2'-Deoxy-8-oxo-6-thioguanosine 5'-triphosphate**

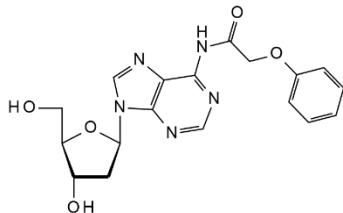
ND143189

Price On Application

**2'-Deoxy-N6-phenoxyacetyladenosine**[110522-74-2] C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 385.38

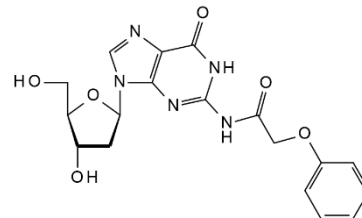
ND09200

250mg	\$105.00
500mg	\$160.00
1g	\$288.80

**2'-Deoxy-N2-phenoxyacetylguanosine**[115389-03-2] C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub> 401.38

ND08049

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

**2'-Deoxy-6-O-(phenylmethyl)guanosine 3',5'-diacetate**

see 3',5'-Di-O-acetyl O6-benzyl-2'-deoxyguanosine, ND16695 on page 229

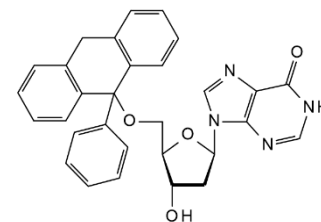
**2'-Deoxy-6-O-(phenylmethyl)guanosine**

see 6-O-Benzyl-2'-deoxyguanosine, NB16627 on page 116

**2'-Deoxy-5'-O-pixylinosine**C<sub>30</sub>H<sub>26</sub>N<sub>4</sub>O<sub>4</sub> 506.57

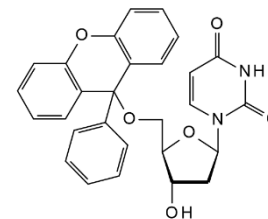
ND08560

Price On Application

**2'-Deoxy-5'-O-pixyluridine**C<sub>28</sub>H<sub>24</sub>N<sub>2</sub>O<sub>6</sub> 484.51

ND08561

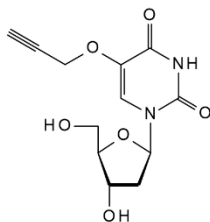
Price On Application



**2'-Deoxy-5-propargyloxyuridine**[65367-85-3] C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 282.26

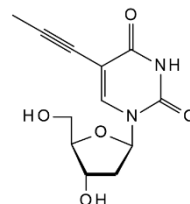
ND08234

50mg	\$95.00
100mg	\$170.00
250mg	\$330.00

**2'-Deoxy-5-propynyluridine**C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 266.26

ND02838

50mg	\$84.00
100mg	\$158.00
250mg	\$315.00

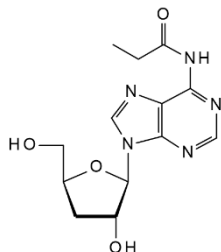
**3'-Deoxy-N6-propionyladenosine**

• N6-Propionylcordycepin

[77378-04-2] C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 307.31

ND10015

1mg	\$105.00
2mg	\$180.00
5mg	\$425.00

**2'-Deoxypseudoisocytidine**

• pidC

[65358-18-1] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub> 227.22

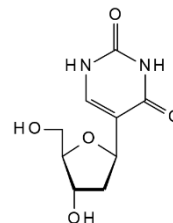
ND63440

5mg	\$95.00
10mg	\$175.00
25mg	\$300.00

**2'-Deoxypseudouridine**[39967-60-7] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 228.21

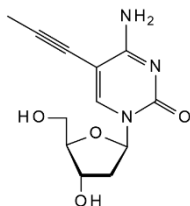
ND06413

1mg	\$40.00
2mg	\$60.00
5mg	\$100.00

**2'-Deoxy-5-propynylcytidine**C<sub>12</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 265.27

ND02835

1mg	\$42.00
2mg	\$63.00
5mg	\$115.50

**9-(2-Deoxy-β-D-ribofuranosyl)-2,6-Diaminopurine**

see 2-Amino-2'-deoxyadenosine, NA06287 on page 45

**9-(2-Deoxy-β-D-ribofuranosyl)adenine**

see 2'-Deoxyadenosine, ND04011 on page 173

**9-(2-Deoxy-β-D-ribofuranosyl)-6-benzylaminopurine**

see N6-Benzyl-2'-deoxyadenosine, NB05230 on page 116

## Deoxyribofur

**9-(2-Deoxy-b-D-ribofuranosyl)-2-chloroadenine**

see 2-Chloro-2'-deoxyadenosine, NC06337 on page 141

**6-(b-D-2-Deoxyribofuranosyl)-3,4-dihydro-8H-pyrimido[4,5-c][1,2]oxazin-7-one**[126128-42-5] C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 269.25

ND145587

5mg	\$95.00
10mg	\$150.00
20mg	\$240.00

**(9-(2-Deoxy-b-D-ribofuranosyl)-2-fluoroadenine**

see 2'-Deoxy-2-fluoroadenosine, ND29528 on page 192

**1-(5-Deoxy-b-D-ribofuranosyl)-5-fluorocytidine**

see 5'-Deoxy-5-fluorocytidine, ND04700 on page 196

**[1-(5-Deoxy-b-D-ribofuranosyl)-5-fluoro-1,2-dihydro-2-oxo-4-pyrimidinyl]-carbamic acid 3-methylbutyl ester**

see 5'-Deoxy-5-fluoro-N-[(3-methylbutoxy)carbonyl]cytidine, ND16527 on page 199

**[1-(5-Deoxy-b-D-ribofuranosyl)-5-fluoro-1,2-dihydro-2-oxo-4-pyrimidinyl] carbamic acid pentyl ester**

see 5'-Deoxy-5-fluoro-N4-(pentylloxycarbonyl)cytidine, ND09160 on page 201

**8-(2-Deoxy-b-D-ribofuranosyl)-imidazo[1,2-a]-1,3,5-triazine-2,4(3H,8H)-dione**

• 8-(2-Deoxy-b-D-erythro-pentofuranosyl)-imidazo[1,2-a]-1,3,5-triazine-2,4(3H,8H)-dione

[357638-55-2] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 268.23

ND145594

50mg	\$450.00
100mg	\$750.00
250mg	\$1625.00

**1-(2-Deoxy-b-D-ribofuranosyl)-5-iodouracil**

see 2'-Deoxy-5-iodouridine, ND05147 on page 210

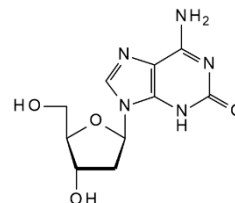
**9-(2-Deoxy-b-D-ribofuranosyl)isoguanine**

• 2'-Deoxyisoguanine

[106449-56-3] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 267.24

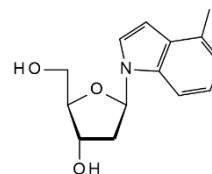
ND10029

50mg	\$95.00
100mg	\$175.00
250mg	\$350.00

**1-(2-Deoxy-b-D-ribofuranosyl)-4-methylindole**[180420-84-2] C<sub>14</sub>H<sub>17</sub>NO<sub>3</sub> 247.3

ND06396

1mg	\$84.00
2mg	\$126.00
5mg	\$236.30

**1-(2-Deoxy-a-D-ribofuranosyl)-5-methyluracil**

see a-Thymidine, NT00283 on page 365

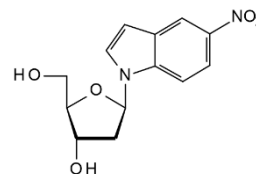
**1-(2-Deoxy-b-D-ribofuranosyl)-5-methyluracil**

see Thymidine, NT02592 on page 365

**1-(2-Deoxy-b-D-ribofuranosyl)-5-nitroindole**[191421-10-0] C<sub>13</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 278.26

ND10031

25mg	\$89.50
50mg	\$157.50
100mg	\$263.00





**2-(2-Deoxy-b-D-ribofuranosyl)-2,3,8,9-tetrahydro-7-oxa-2,3,5,6-tetraazabenz[cd]azulen-4-amine**[477205-38-2] C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 307.31

ND145590

50mg	\$850.00
100mg	\$1375.00
250mg	\$3000.00

**Deoxyribonucleic acid low molecular weight from salmon sperm**

• DNA

[100403-24-5]

ND35412

10g	\$65.00
25g	\$125.00
50g	\$225.00

**Deoxyribonucleic acid sodium salt - (Salmon)**

• DNA-Na

[9007-49-2]

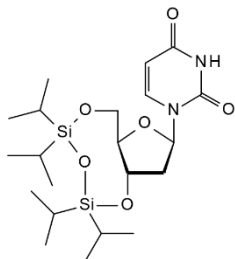
ND10028

10g	\$65.00
25g	\$95.00
50g	\$150.00

**2'-Deoxy-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)uridine**[98495-56-8] C<sub>21</sub>H<sub>38</sub>N<sub>2</sub>O<sub>6</sub>Si<sub>2</sub> 470.72

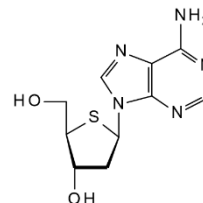
ND08981

250mg	\$80.00
500mg	\$135.00
1g	\$204.80

**2'-Deoxy-4'-thioadenosine**[135656-35-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>2</sub>S 267.31

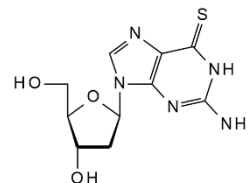
ND63590

Price On Application

**2'-Deoxy-6-thioguanosine**[789-61-7] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub>S 283.31

ND08563

5mg	\$70.00
10mg	\$110.00
25mg	\$175.00

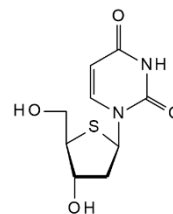
**2'-Deoxy-6-thioinosine**

see 6-Mercapto-9-(2'-deoxy-b-D-ribofuranosyl)purine, NM02964 on page 305

**2'-Deoxy-4'-thiouridine**[134111-32-3] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S 244.27

ND63588

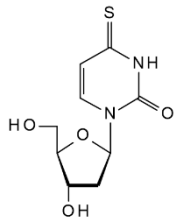
Price On Application



**Deoxythiouri****2'-Deoxy-4-thiouridine**C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S 244.27

ND06676

10mg	\$42.00
25mg	\$79.00
50mg	\$105.00

**1-(2-Deoxy-b-D-threo-pentofuranosyl)-5-iodo-2,4(1H,3H)-pyrimidinedione**see 3'-*epi*-idoxuridine, NE16543 on page 268**1-(2-Deoxy-b-D-threo-pentofuranosyl)-5-iodouracil**see 3'-*epi*-idoxuridine, NE16543 on page 268**2'-Deoxythymidine-3',5'-bisphosphate**

see Thymidine-3',5'-diphosphate sodium salt, NT09781 on page 363

**3'-Deoxythymidine-5'-triphosphate lithium salt - 100mM aqueous solution**

• dTTP

[128524-26-5] C<sub>10</sub>H<sub>17</sub>N<sub>2</sub>O<sub>13</sub>P<sub>3</sub>·xLi 466.17 (free acid basis)

ND32064	0.5mg	\$90.00
	2.5mg	\$200.00
	5mg	\$300.00

**2'-Deoxy-D-thymidine**

see Thymidine, NT02592 on page 365

**2'-Deoxy-L-thymidine**

see L-Thymidine, NT02679 on page 365

**3'-Deoxy-L-thymidine**

• 1;(2,3-Dideoxy-b-L-glycero-pentofuranosyl)thymine

[144490-02-8] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub> 226.23

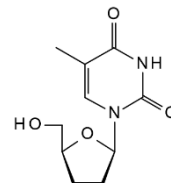
ND02766

250mg	\$850.00
500mg	\$1250.00
1g	\$1950.00

**3'-Deoxythymidine**[3416-05-5] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub> 226.23

ND06301

50mg	\$50.00
100mg	\$80.00
250mg	\$122.50

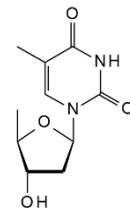


Refs: Schwarzer K, Wojczewski C, Engels JW, Nucleosides Nucleotides And Nucleic Acids 2001, Vol20, Pt4/7, p879-882; Yamanaka et.al., Biol. Pharmaceut. Bull, 1997, 20, p163; Seiser et al., J. Mol. Biol, 1997, 265, p153

**5'-Deoxythymidine**[3458-14-8] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub> 226.23

ND08408

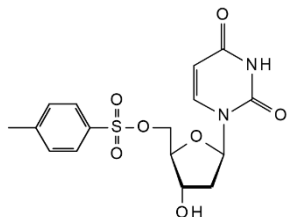
5mg	\$65.00
10mg	\$95.00
25mg	\$150.00



**2'-Deoxy-5'-O-p-toluenesulfonyluridine**[27999-47-9] C<sub>16</sub>H<sub>18</sub>N<sub>2</sub>O<sub>7</sub>S 382.4

ND06470

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

**2'-Deoxy-5-(trimethylstannyl)uridine**

see 5-(Trimethylstannyl)-2'-deoxyuridine, NT16878 on page 377

**2'-Deoxy-5'-triphosphocytidine trisodium salt**

see 2'-Deoxycytidine-5'-triphosphate trisodium salt, ND05687 on page 176

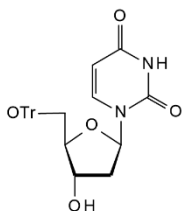
**2'-Deoxy-5'-O-trityluridine**

• 5'-O-Trt-2'-deoxyuridine

[14270-73-6] C<sub>28</sub>H<sub>28</sub>N<sub>2</sub>O<sub>5</sub> 470.52

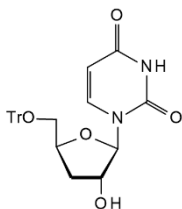
NT08746

Price On Application

**3'-Deoxy-5'-O-trityluridine**[161110-05-0] C<sub>28</sub>H<sub>28</sub>N<sub>2</sub>O<sub>5</sub> 470.53

ND05370

10mg	\$73.50
25mg	\$136.50
50mg	\$231.00



Refs: Lin TS, et al, J. Med. Chem 1991, 34, p693

**2-Deoxytubercidin**

see 7-Deaza-2'-deoxyadenosine, ND02936 on page 165

**2'-Deoxyuridine-5'-diphosphate sodium salt**[102814-06-2] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>11</sub>P<sub>2</sub> 432.13

ND45194

Price On Application

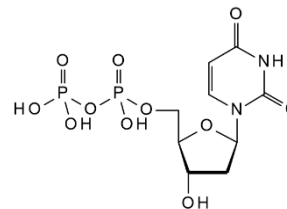
**2'-Deoxyuridine-5'-diphosphate triethylammonium salt - 10 mM aqueous solution**

• dUDP.NE13

[4208-67-7] C<sub>9</sub>H<sub>14</sub>N<sub>2</sub>O<sub>11</sub>P<sub>2</sub> 388.16

ND11202

1mg	\$295.00
2mg	\$500.00
5mg	\$975.00

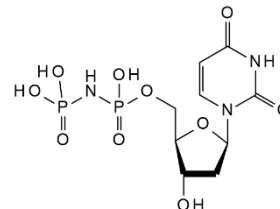
**2'-Deoxyuridine-5'-[(a,b)-imido]diphosphate sodium salt - 10mM aqueous solution**

• dUpNHp

[178809-71-7] C<sub>9</sub>H<sub>15</sub>N<sub>3</sub>O<sub>10</sub>P<sub>2</sub> 387.18

ND45195

1mg	\$400.00
2mg	\$590.00



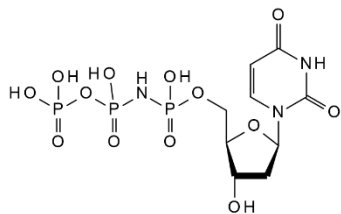
**Deoxyuridine****2'-Deoxyuridine-5'-[(a,b)-imido]triphosphate sodium salt - 10mM aqueous solution**

## • dUpNHpp

[170428-86-1] C<sub>9</sub>H<sub>16</sub>N<sub>3</sub>O<sub>13</sub>P<sub>3</sub> 467.16

200ug	\$250.00
1mg	\$625.00

ND45196

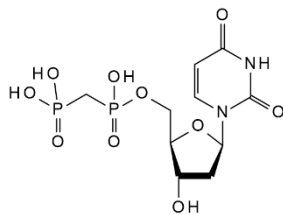
**2'-Deoxyuridine-5'-[(a,b)-methylene]diphosphate sodium salt - 10mM aqueous solution**

## • dUpCp

C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>10</sub>P<sub>2</sub> 386.19

1mg	\$395.00
2mg	\$600.00

ND45197

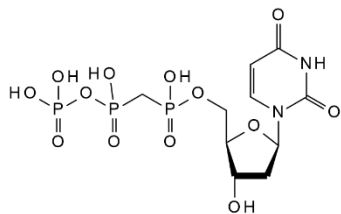
**2'-Deoxyuridine-5'-[(a,b)-methylene]triphosphate sodium salt - 10 mM aqueous solution**

## • dUpCpp

[170428-84-9] C<sub>10</sub>H<sub>17</sub>N<sub>2</sub>O<sub>13</sub>P<sub>3</sub> 466.17

1mg	\$625.00
-----	----------

ND45198

**2'-Deoxyuridine-5'-monophosphate disodium salt**• 5'-dUMP Na<sub>2</sub>[42155-08-8] C<sub>9</sub>H<sub>11</sub>N<sub>2</sub>O<sub>8</sub>PNa<sub>2</sub> 352.15

ND02992

500mg	\$45.00
1g	\$75.00
2g	\$140.00

**2'-Deoxyuridine-5'-monophosphate free acid**

## • 2'-Deoxy-5'-uridylic acid

[964-26-1] C<sub>9</sub>H<sub>13</sub>N<sub>2</sub>O<sub>8</sub>P 308.18

ND153405

Price On Application

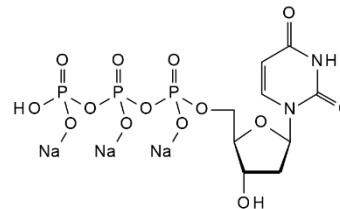
**2'-Deoxyuridine-5'-triphosphate trisodium salt**

## • dUTP sodium salt

[102814-08-4] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub>·3Na 534.09

ND08736

25mg	\$70.00
50mg	\$120.00
100mg	\$195.00

**3'-Deoxyuridine-5'-triphosphate**

ND71671

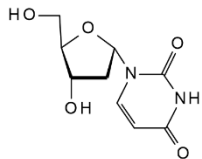
Price On Application



**2'-Deoxy-a-uridine**C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 228.21

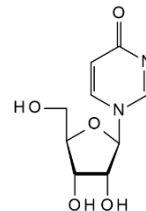
ND08399

50mg	\$157.50
100mg	\$263.00
250mg	\$420.00

**2-Deoxyuridine**[21052-20-0] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 228.2

ND59548

Price On Application

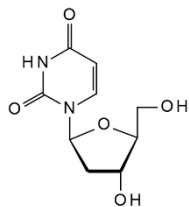
**2'-Deoxy-L-uridine**

• 1-(2-Deoxy-b-L-erythro-pentofuranosyl)uracil

[31501-19-6] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 228.2

ND06307

250mg	\$52.50
500mg	\$90.00
1g	\$131.30

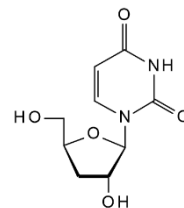


Refs: Verri A, et.al, Mol. Pharmacol, 1997, 51, p132

**3'-Deoxyuridine**[7057-27-4] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 228.21

ND05963

25mg	\$165.00
50mg	\$245.00
100mg	\$440.00

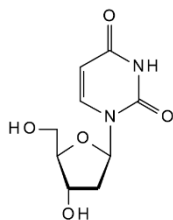


Refs: Lin TS, et al, J. Med. Chem. 1991, 34, 693

**2'-Deoxyuridine**[951-78-0] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 228.21

ND06282

10g	\$55.00
25g	\$70.00
50g	\$125.00



Refs: Persson, Larsson, Nyman, et al, Bioorg. Med. Chem. 1996, 4, 4, p553-556

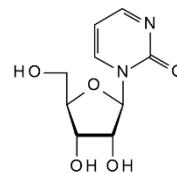
**4-Deoxyuridine**

- Zebularine
- 1-b-D-Ribofuranosyl-2(1H)-pyrimidinone

[3690-10-6] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 228.21

ND09503

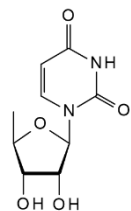
50mg	\$50.00
100mg	\$63.00
250mg	\$132.50



**Deoxyuridine****5'-Deoxyuridine**[15958-99-3] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 228.21

ND08410

2mg	\$42.00
5mg	\$63.00
10mg	\$105.00

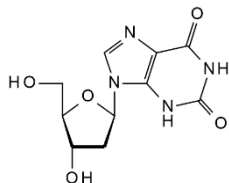
**2'-Deoxy-5'-uridylic acid**

see 2'-Deoxyuridine-5'-monophosphate free acid, ND153405 on page 224

**2'-Deoxyxanthosine**[29049-22-7] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 268.23

ND12015

10mg	\$50.00
25mg	\$85.00
50mg	\$150.00

**dFdCTP**

see 2'-Deoxy-2',2'-difluorocytidine 5'-triphosphate triethylammonium salt - Aqueous solution, ND09708 on page 178

**DG-C8-ABP**

see N-(2'-Deoxyguanosin-8-yl)-4-amino(biphenyl), ND11672 on page 207

**3'-dG-CPG**

see 3'-Deoxy-N-dimethylformamide- 5'-O-DMT-guanosine-2'-O-succinoyl-long chain alkylamino-CPG, ND37120 on page 179

**dGDP.Na**

see 2'-Deoxyguanosine-5'-diphosphate disodium salt, ND31607 on page 205

**5'-dGMP Na2**

see 2'-Deoxyguanosine-5'-monophosphate disodium salt, ND02996 on page 205

**dGMP**

see 2'-Deoxyguanosine-5'-monophosphate free acid, ND29406 on page 206

**5'-dGTP Na3**

see 2'-Deoxyguanosine-5'-triphosphate trisodium salt, ND06585 on page 206

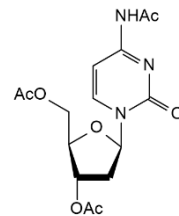
**dGTP.Na**

see 2'-Deoxyguanosine-5'-triphosphate sodium salt - 100mmol solution, ND46292 on page 206

**3',5'-Di-O-acetyl-N4-acetyl-2'-deoxycytidine**C<sub>15</sub>H<sub>19</sub>Na<sub>3</sub>O<sub>7</sub> 353.33

ND45045

1g	\$105.00
2g	\$170.00
5g	\$300.00

**2',3'-Di-O-acetyladenoside**[29886-19-9] C<sub>14</sub>H<sub>17</sub>N<sub>5</sub>O<sub>6</sub> 351.31

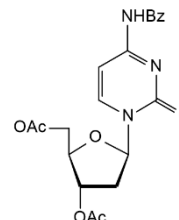
ND66842

1g	\$65.00
2g	\$126.00
5g	\$300.00

**3',5'-Di-O-acetyl-N4-benzoyl-2'-deoxycytidine**C<sub>20</sub>H<sub>21</sub>N<sub>3</sub>O<sub>7</sub> 415.41

ND09415

250mg	\$75.00
500mg	\$125.00
1g	\$195.00



**3',5'-Di-O-acetyl-5-bromo-2'-deoxy-2'-fluorouridine**

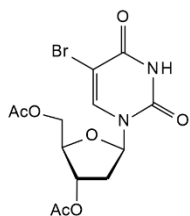
ND15626

Price On Application

**3',5'-Di-O-acetyl-5-bromo-2'-deoxyuridine**[6161-23-5] C<sub>13</sub>H<sub>15</sub>BrN<sub>2</sub>O<sub>7</sub> 391.18

ND04658

1g	\$99.80
2g	\$189.00
5g	\$357.00

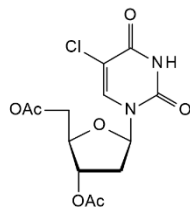


Refs: Low JN, Cryst. Struct. Commun. C39, 796-798

**3',5'-Di-O-acetyl-5-chloro-2'-deoxyuridine**[6046-63-5] C<sub>13</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>7</sub> 346.73

ND09546

Price On Application

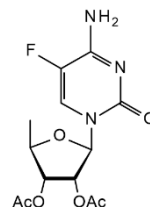
**2',3'-Di-O-acetyl-5'-deoxy-5-fluorocytidine**

• Capectabine

[161599-46-8] C<sub>13</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>6</sub> 329.29

ND05721

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

**3',5'-Di-O-acetyl-2'-deoxy-2'-fluoro-5-iodouridine**

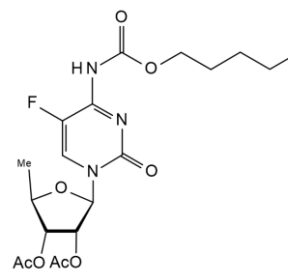
ND15627

Price On Application

**2',3'-Di-O-acetyl-5'-deoxy-5-fluoro-N4-(pentoxycarbonyl)cytidine**[162204-20-8] C<sub>19</sub>H<sub>26</sub>FN<sub>3</sub>O<sub>8</sub> 443.43

ND04660

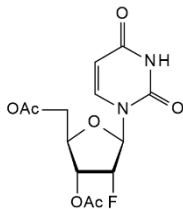
5mg	\$90.00
10mg	\$160.00
25mg	\$300.00



**Diacetyldeox****3',5'-Di-O-acetyl-2'-deoxy-2'-fluorouridine**[10212-13-2] C<sub>13</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>7</sub> 330.27

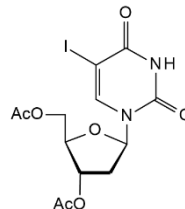
ND08887

1g	\$190.00
2g	\$360.00
5g	\$750.00

**3',5'-Di-O-acetyl-2'-deoxy-5-iodouridine**[1956-30-5] C<sub>13</sub>H<sub>15</sub>IN<sub>2</sub>O<sub>7</sub> 438.18

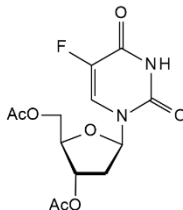
ND08349

250mg	\$132.50
500mg	\$210.00
1g	\$367.50

**3',5'-Di-O-acetyl-2'-deoxy-5-fluorouridine**[110522-47-9] C<sub>13</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>7</sub> 330.27

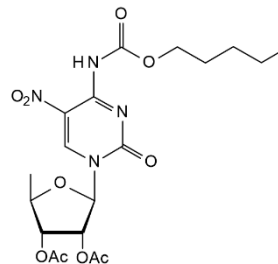
ND06468

25mg	\$80.00
50mg	\$145.00
100mg	\$230.00

**2',3'-Di-O-acetyl-5'-deoxy-5-nitro-N4-(pentyloxycarbonyl)cytidine**[865474-03-9] C<sub>19</sub>H<sub>26</sub>N<sub>4</sub>O<sub>10</sub> 470.44

ND08738

Price On Application

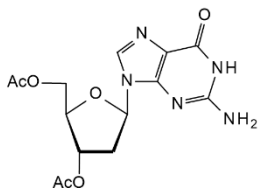


Refs: Xiangshu F, et.al, Nucl. Med. Biol, 204, 31, p1033

**3',5'-Di-O-acetyl-2'-deoxyguanosine**[69992-10-5] C<sub>14</sub>H<sub>17</sub>N<sub>5</sub>O<sub>6</sub> 351.32

ND04500

25mg	\$94.50
50mg	\$163.00
100mg	\$263.00

**1-(3,5-Di-O-acetyl-2-deoxy-b-D-ribofuranosyl)uracil**

see 3',5'-Di-O-acetyl-2'-deoxy-D-uridine, ND02986 on page 228

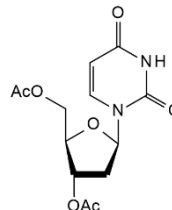
**3',5'-Di-O-acetyl-2'-deoxy-D-uridine**

• 1-(3,5-Di-O-acetyl-2-deoxy-b-D-ribofuranosyl)uracil

[13030-62-1] C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>7</sub> 312.28

ND02986

250mg	\$125.00
500mg	\$240.00
1g	\$393.80





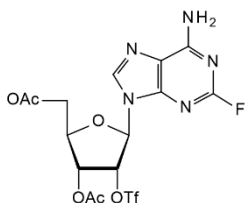
**2',3'-Di-O-acetyl-5'-O-DMT-5-methyluridine**

ND145914	500mg	\$50.00
	1g	\$96.00
	2g	\$184.00

**3',5'-Di-O-acetyl-2-fluoro-2'-O-trifluoromethanesulfonyladenosine**[161109-76-8] C<sub>15</sub>H<sub>15</sub>F<sub>4</sub>N<sub>5</sub>O<sub>8</sub>S 501.37

Price On Application

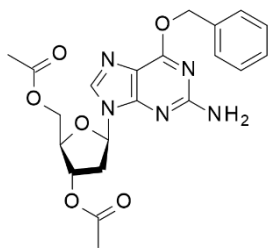
ND10387

**3',5'-Di-O-acetyl O6-benzyl-2'-deoxyguanosine**

• 2'-Deoxy-6-O-(phenylmethyl)guanosine 3',5'-diacetate

[144640-75-5] C<sub>21</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub> 441.44

ND16695	10mg	\$139.80
	25mg	\$254.50
	50mg	\$462.00



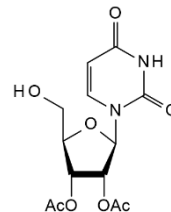
Refs: Wei, G. et al, J. Med. Chem, 48, 256 (2005)

**3',5'-Di-O-acetylthymidine**

ND145913	500mg	\$50.00
	1g	\$95.00
	2g	\$182.00

**2',3'-Di-O-acetyl-D-uridine**C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub> 328.27

ND45821	500mg	\$150.00
	1g	\$250.00
	2g	\$390.00

**Diadenosine pentaphosphate pentasodium salt**• P1,P5-Di(adenosine-5') pentaphosphate pentasodium salt  
• A(5')P5(5')A[4097-04-5] C<sub>20</sub>H<sub>28</sub>N<sub>10</sub>O<sub>22</sub>P<sub>5</sub>-5Na 1031.32

ND46856	2mg	\$70.00
	5mg	\$125.00
	10mg	\$210.00

**P1,P5-Di(adenosine-5') pentaphosphate pentasodium salt**see *Diadenosine pentaphosphate pentasodium salt, ND46856 on page 229***P1,P5-Di(adenosine-5')pentaphosphate trillithium salt**

• Ap5a

[75522-97-3] C<sub>20</sub>H<sub>26</sub>N<sub>10</sub>O<sub>22</sub>P<sub>5</sub>Li<sub>3</sub> 934.17

ND57347	25mg	\$65.00
	50mg	\$115.00
	100mg	\$180.00



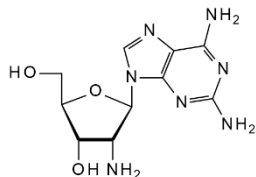
## Diaminoamino

**2,6-Diamino-9-(2'-amino-2'-deoxy-b-D-ribofuranosyl)purine**

- 9-(2-Amino-2-deoxy-b-D-ribofuranosyl)-2,6-diaminopurine
- 2'-Amino-2'-deoxy-2,6-diaminopurine-D-riboside

[215943-79-6] C<sub>10</sub>H<sub>15</sub>N<sub>7</sub>O<sub>3</sub> 281.28

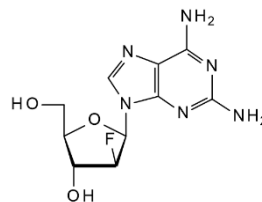
	50mg	\$66.00
ND06322	100mg	\$100.00
	250mg	\$225.00

**2,6-Diamino-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine**

- 2'-FANA-DAP

C<sub>10</sub>H<sub>13</sub>FN<sub>6</sub>O<sub>3</sub> 284.25

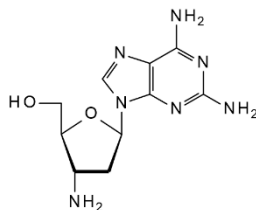
	25mg	\$60.00
ND09537	50mg	\$110.00
	100mg	\$190.00

**2,6-Diamino-9-(3'-amino-2',3'-dideoxy-b-D-ribofuranosyl)purine**

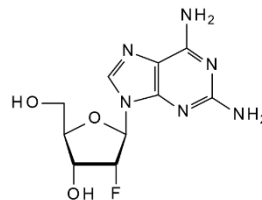
- 9-(3-Amino-2,3-dideoxy-b-D-ribofuranosyl)-2,6-diaminopurine
- 3'-Amino-2',3'-dideoxy-2,6-diaminopurine riboside

C<sub>10</sub>H<sub>15</sub>N<sub>7</sub>O<sub>2</sub> 265.28

	250mg	\$92.50
ND05219	500mg	\$160.00
	1g	\$210.00

**2,6-Diamino-9-(2'-deoxy-2'-fluoro-b-D-ribofuranosyl)purine**C<sub>10</sub>H<sub>13</sub>FN<sub>6</sub>O<sub>3</sub> 284.25

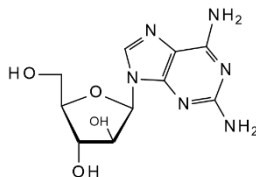
	250mg	\$262.50
ND09538	500mg	\$420.00
	1g	\$735.00

**2,6-Diamino-9-(b-D-arabinofuranosyl)purine**

- DAPA

[34079-68-0] C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>4</sub> 282.26

	1g	\$55.00
ND03400	2g	\$90.00
	5g	\$195.00

**2,6-Diamino-9-(3',5'-di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine**

	10mg	\$50.00
ND157507	25mg	\$112.50
	50mg	\$200.00

**2,6-Diamino-9-(2'-deoxy-2'-fluoro-b-D-ribofuranosyl)purine**

see 2-Amino-2'-deoxy-2'-fluoro-adenosine, NA05649 on page 46

**2,5-Diamino-4,6-dichloropyrimidine**[55583-59-0] C<sub>4</sub>H<sub>4</sub>N<sub>4</sub>Cl<sub>2</sub> 179.01

ND16293

1g	\$45.00
2g	\$70.00
5g	\$125.00

**2,4-Diamino-6-(4-fluorophenyl)pyrimidine**

see 6-(4-Fluorophenyl)pyrimidine-2,4-diamine, NF57447 on page 279

**2,4-Diamino-6-hydroxy-5-nitrosopyrimidine**[2387-48-6] C<sub>4</sub>H<sub>5</sub>N<sub>5</sub>O<sub>2</sub> 155.12

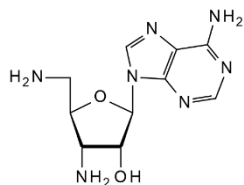
ND69830

1g	\$60.00
2g	\$80.00
5g	\$95.00

**3',5'-Diamino-3',5'-dideoxyadenosine**[67313-23-9] C<sub>10</sub>H<sub>13</sub>N<sub>7</sub>O<sub>2</sub> 265.28

ND08739

1mg	\$420.00
2mg	\$735.00
5mg	\$1575.00



Refs: Morr, Ernst, Chem. Ber, 1979, 112, p2815

**2,4-Diamino-6-hydroxypyridine sulphate**

ND69917

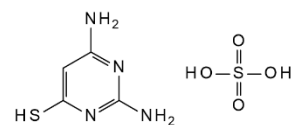
10g	\$50.00
25g	\$100.00
50g	\$180.00

**2,4-Diamino-6-mercapto-pyrimidine sulfate**

[307496-37-3]

ND44271

1g	\$92.80
2g	\$148.50
5g	\$237.50

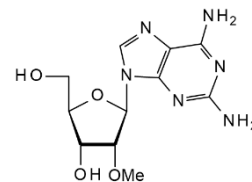
**2,6-Diamino-9-(2'-O-methyl-b-D-ribofuranosyl)purine**

• 2'-O-Methyl-2,6-diaminopurine riboside

C<sub>11</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub> 296.29

ND08564

250mg	\$157.50
500mg	\$265.00
1g	\$472.50

**5,6-Diamino-2,4-dihydroxypyrimidine sulphate**

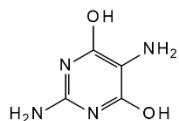
see 5,6-Diaminouracil, ND66272 on page 232

**2,5-Diamino-4,6-dihydroxy pyrimidine**

[40769-69-5]

ND44297

Price On Application

**2,4-Diamino-6,7-dimethylpteridine**

• DIHYDRALAZINE

[1425-63-4] C<sub>8</sub>H<sub>10</sub>N<sub>6</sub> 190.21

ND71063

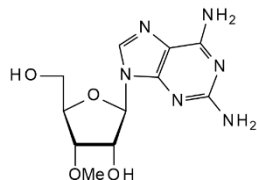
500g	\$60.00
1g	\$98.00
2g	\$156.80



**Diaminomethyl****2,6-Diamino-9-(3'-O-methyl-b-D-ribofuranosyl)purine**C<sub>11</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub> 296.29

ND08740

50mg	\$140.00
100mg	\$250.00
250mg	\$475.00

**5,6-Diaminouracil**

• 5,6-Diamino-2,4-dihydropyrimidine sulphate

[3240-72-0] C<sub>4</sub>H<sub>6</sub>N<sub>4</sub>O<sub>2</sub> 142.12

ND66272

10mg	\$30.00
25mg	\$60.00
50mg	\$96.00

**2',3'-Di-O-benzoyl-N6-benzoyl-L-adenosine**

• N-[9-(2,3-Di-O-benzoyl-b-L-ribofuranosyl)-9H-purin-6-yl]-benzamide

[200562-12-5] C<sub>31</sub>H<sub>25</sub>N<sub>5</sub>O<sub>7</sub> 579.56

ND145163

Price On Application

**2,6-Diaminopurine-2'-deoxyriboside**

see 2'-Amino-2'-deoxyadenosine, NA02636 on page 45

**2,6-Diaminopurine 2'-deoxyriboside**

see 2'-Amino-2'-deoxyadenosine, NA06287 on page 45

**2,6-Diaminopurine riboside**

see 2'-Aminoadenosine, NA02915 on page 33

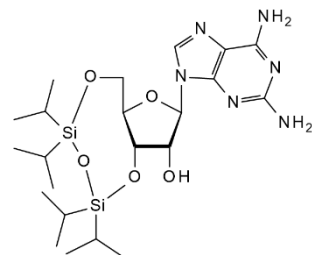
**2,6-Diamino-9-[3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediy)-b-D-ribofuranosyl]purine**

• 3',5'-TIPPS-2,6-diaminopurine riboside

C<sub>22</sub>H<sub>40</sub>N<sub>6</sub>O<sub>5</sub>Si<sub>2</sub> 524.77

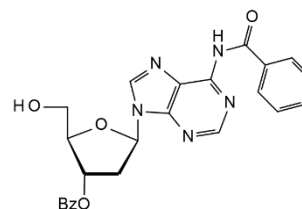
ND08565

500mg	\$105.00
1g	\$157.50
2g	\$262.50

**N6,3'-O-Dibenzoyl-2'-deoxyadenosine**[51549-54-3] C<sub>24</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 459.47

ND07994

50mg	\$84.00
100mg	\$158.00
250mg	\$262.50

**N6,5'-O-Dibenzoyl-2'-deoxy-adenosine**C<sub>24</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 475.45

ND06914

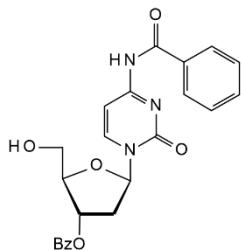
Price On Application



**N4,3'-O-Dibenzoyl-2'-deoxycytidine**[51549-49-6] C<sub>23</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub> 435.44

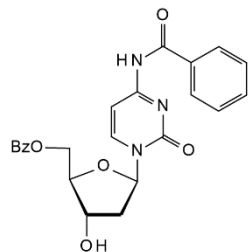
ND07995

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

**N4,5'-O-Dibenzoyl-2'-deoxycytidine**C<sub>23</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub> 435.44

ND06913

Price On Application

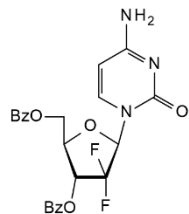
**3',5'-Di-O-benzoyl-2'-deoxy-2',2'-difluorocytidine**

- 2',2'-Difluoro-3',5'-dibenzoyl-2'-deoxycytidine
- Gemcitabine HCl

[134790-39-9] C<sub>23</sub>H<sub>19</sub>F<sub>2</sub>N<sub>3</sub>O<sub>6</sub> 471.42

ND08303

1g	\$45.00
2g	\$70.00
5g	\$125.00

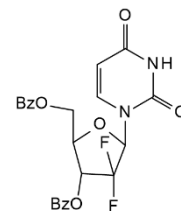
**3',5'-Di-O-benzoyl-2'-deoxy-2',2'-difluorouridine**

• 2',2'-Difluoro-2'-deoxyuridine 3',5'-dibenzoate

[143157-27-1] C<sub>23</sub>H<sub>18</sub>F<sub>2</sub>N<sub>2</sub>O<sub>7</sub> 472.4

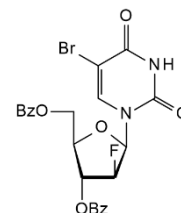
ND16691

5mg	\$90.00
10mg	\$140.00
25mg	\$250.00

**1-(3',5'-Di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)-5-bromouracil**[213136-12-0] C<sub>23</sub>H<sub>18</sub>BrN<sub>2</sub>O<sub>7</sub> 514.3

ND58419

25mg	\$97.25
50mg	\$155.50
100mg	\$249.00

**1-(3',5'-Di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)-thymine**

[97614-47-6]

ND58420

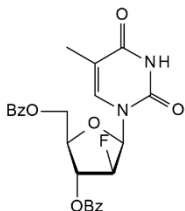
100mg	\$60.00
250mg	\$445.00
500mg	\$710.00



**Dibenzoyldeo****1-(3',5'-Di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)thymine**C<sub>23</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>7</sub> 454.42

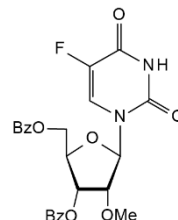
ND08485

25mg	\$68.50
50mg	\$100.00
100mg	\$184.00

**3',5'-Di-O-benzoyl-5-fluoro-2'-O-methyluridine**[158966-44-0] C<sub>24</sub>H<sub>21</sub>FN<sub>2</sub>O<sub>8</sub> 484.44

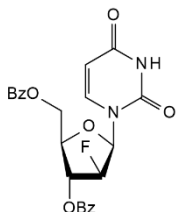
ND06453

50mg	\$65.00
100mg	\$115.00
250mg	\$190.00

**1-(3',5'-Di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)uracil**C<sub>23</sub>H<sub>19</sub>N<sub>2</sub>O<sub>7</sub>F 454.4

ND34656

50mg	\$90.00
100mg	\$145.00
250mg	\$250.00

**2',3'-Di-O-benzoyluridine**[50408-20-3] C<sub>23</sub>H<sub>20</sub>N<sub>2</sub>O<sub>8</sub> 452.41

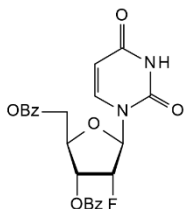
ND66563

100mg	\$50.00
250mg	\$67.50
500mg	\$125.00

**3',5'-Di-O-benzoyl-2'-deoxy-2'-fluorouridine**C<sub>23</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>7</sub> 454.42

ND08486

50mg	\$94.50
100mg	\$158.00
250mg	\$262.50

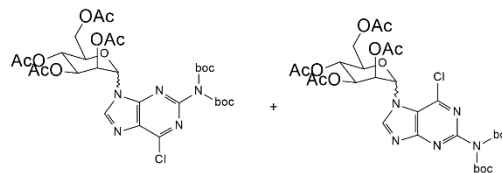
**N2-Diboc-7/9-(2,3,4,6-tetra-O-acetyl-D-mannopyranosyl)-6-chloro-2-aminopurine**

• N2-Diboc-7/9-(2,3,4,6-tetra-O-acetyl-D-mannopyranosyl)-6-chloroguanine

C<sub>21</sub>H<sub>30</sub>ClN<sub>5</sub>O<sub>9</sub> 531.94

ND09536

25mg	\$262.50
50mg	\$472.50
100mg	\$840.00

**N2-Diboc-7/9-(2,3,4,6-tetra-O-acetyl-D-mannopyranosyl)-6-chloroguanine**

see N2-Diboc-7/9-(2,3,4,6-tetra-O-acetyl-D-mannopyranosyl)-6-chloro-2-aminopurine, ND09536 on page 234

**3',5'-O-(Di-tert-butylsilanediyl)uridine**

[97219-04-0]

ND72055

Price On Application

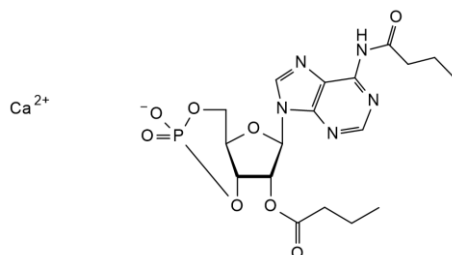
**N6,2'-O-Dibutyryladenosine 3',5'-cyclic monophosphate calcium salt**

- Calcium dibutyryladenosine cyclophosphate
- Bucladesine calcium salt
- Dibutyryl-cAMP calcium salt

[938448-87-4] C<sub>18</sub>H<sub>24</sub>N<sub>5</sub>O<sub>8</sub>P·1/2Ca 489.42

NC11728

500mg	\$65.00
1g	\$105.00
2g	\$160.00

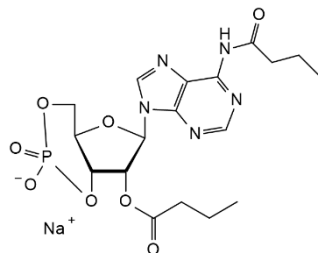
**N6,2'-O-Dibutyryladenosine 3',5'-cyclic monophosphate sodium salt**

- Dibutyryl-cAMP sodium salt
- DB-cAMP . Na
- Bucladesine Na

[16980-89-5] C<sub>18</sub>H<sub>23</sub>N<sub>5</sub>O<sub>8</sub>P·Na 491.38

ND07996

250mg	\$62.50
500mg	\$100.00
1g	\$150.00

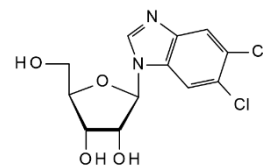
**Dibutyryl-cAMP calcium salt**see *N6,2'-O-Dibutyryladenosine 3',5'-cyclic monophosphate calcium salt, NC11728 on page 235***Dibutyryl-cAMP sodium salt**see *N6,2'-O-Dibutyryladenosine 3',5'-cyclic monophosphate sodium salt, ND07996 on page 235***(S)-N-(1,2-Dicarboxyethyl)adenosine**see *N6-Succinyl adenosine, NS16562 on page 354***6-(1,2-Dicarboxyethylamino)-9-b-D-ribofuranosylpurine**see *N6-Succinyl adenosine, NS16562 on page 354***5,6-Dichlorobenzimidazole-1-b-D-ribofuranoside**

- DBR
- 5,6-Dichlorobenzimidazole riboside

[53-85-0] C<sub>12</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub> 319.15

ND06701

25mg	\$60.00
50mg	\$100.00
100mg	\$145.00



Refs: Braedlye J, Sporns O, Brain Res, 1999, 815, p140; Ljungman M, et.al, Oncogene, 1999, 18, p583; Roelle RH, et.al, Oncogene, 1999, 18, p5765; Tamm, Sehgal, Adv. Virus. Res, 1978, 22, p187

**5,6-Dichlorobenzimidazole riboside**see *5,6-Dichloro-1-(b-D-ribofuranosyl) benzimidazole, ND08933 on page 237***5,6-Dichlorobenzimidazole riboside**see *5,6-Dichlorobenzimidazole-1-b-D-ribofuranoside, ND06701 on page 235***3,5-Di-O-p-chlorobenzoyl a-floxuridine**see *3',5'-Di-O-p-chlorobenzoyl-2'-deoxy a-5-fluorouridine, ND22464 on page 236*

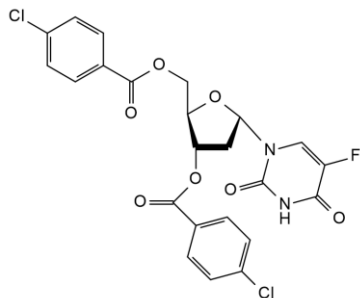
**Dichlorobenz****3',5'-Di-O-p-chlorobenzoyl-2'-deoxy a-5-fluorouridine**

- 2'-Deoxy-3,5-di-O-p-chlorobenzoyl-a-D-ribofuranosyl-5-fluorouracil
- 3,5-Di-O-p-chlorobenzoyl a-floxuridine
- 1-[3,5-Bis-O-(4-chlorobenzoyl)-2-deoxy-a-D-erythro-pentofuranosyl]-5-fluoro-2,4(1H,3H)-pyrimidinedione

[110558-30-0] C<sub>23</sub>H<sub>17</sub>Cl<sub>2</sub>FN<sub>2</sub>O<sub>7</sub> 523.29

ND22464

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

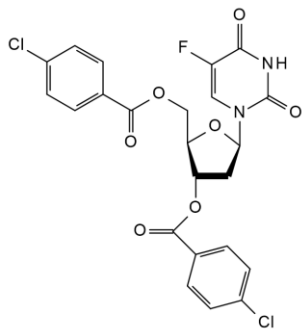
**3',5'-Di-O-p-chlorobenzoyl-2'-deoxy-5-fluorouridine**

- 2'-Deoxy-5-fluoro-uridine 3',5'-bis(4-chlorobenzoate)
- 3,5-Di-O-p-chlorobenzoyl floxuridine

[1582-79-2] C<sub>23</sub>H<sub>17</sub>Cl<sub>2</sub>FN<sub>2</sub>O<sub>7</sub> 523.29

ND22463

50mg	\$99.50
100mg	\$181.00
250mg	\$330.00



Refs: Kanzawa, F, et al, Canc. Chemother. Pharmacol, 6, 19 (1981)

**3,5-Di-O-p-chlorobenzoyl floxuridine**

see 3',5'-Di-O-p-chlorobenzoyl-2'-deoxy-5-fluorouridine, ND22463 on page 236

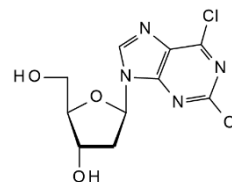
**2,6-Dichloro-9-(2'-deoxy-b-D-ribofuranosyl)purine**

- 2,6-Dichloropurine-2'-deoxyriboside

[37390-66-2] C<sub>10</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>3</sub> 305.12

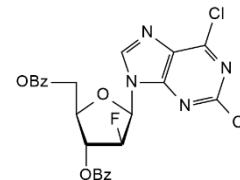
ND08402

50mg	\$157.50
100mg	\$263.00
250mg	\$525.00

**2,6-Dichloro-9-(3',5'-di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine**C<sub>24</sub>H<sub>17</sub>Cl<sub>2</sub>FN<sub>4</sub>O<sub>5</sub> 531.33

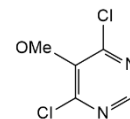
ND08487

50mg	\$63.00
100mg	\$105.00
250mg	\$262.50

**4,6-Dichloro-5-methoxypyrimidine**[5018-38-2] C<sub>5</sub>H<sub>4</sub>Cl<sub>2</sub>N<sub>2</sub>O 179

ND11522

5g	\$68.60
10g	\$109.70
25g	\$175.50

**2,6-Dichloro-7-methylpurine**[2273-93-0] C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>N<sub>4</sub> 203.03

ND29030

25mg	\$97.50
50mg	\$175.00
100mg	\$290.00



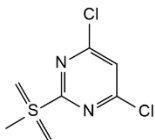


**4,6-Dichloro-2-methylsulfonylpyrimidine**

[4489-34-3]

ND44280

5g	\$91.60
10g	\$146.60
25g	\$234.50

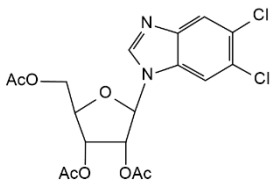
**2,4-Dichloro-5-nitro-6-methylpyrimidine**

ND70435

10g	\$50.00
25g	\$100.00
50g	\$180.00

**3,5-Dichloro-4-oxo-1(4H)-pyridine acetic acid**see *3,5-Dichloro-4-pyridone-1-acetic acid*, ND70436 on page 237**2,6-Dichloropurine b-D-ribose**see *2,6-Dichloro-9-(b-D-ribofuranosyl)purine*, ND05330 on page 238**2,6-Dichloropurine-2'-deoxyribose**see *2,6-Dichloro-9-(2'-deoxy-b-D-ribofuranosyl)purine*, ND08402 on page 236**5,6-Dichloropurine-1-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)-1H-benzimidazole**• *5,6-Dichloro-1-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)-1H-benzimidazole*[443678-71-5] C<sub>18</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>7</sub> 445.25

ND16534	50mg	\$120.50
	100mg	\$219.00
	250mg	\$397.50



Refs: Braedlye, J. and Sporns, O. *Brain Res*, 815, 140 (1999); Ljungman, M. et al, *Oncogene*, 18, 583 (1999); Roele, R.H. et al, *Oncogene*, 18, 5765 (1999)

**3,5-Dichloro-4-pyridone-1-acetic acid**• *3,5-Dichloro-4-oxo-1(4H)-pyridine acetic acid*[56187-37-2] C<sub>7</sub>H<sub>5</sub>Cl<sub>2</sub>NO<sub>3</sub> 222.02

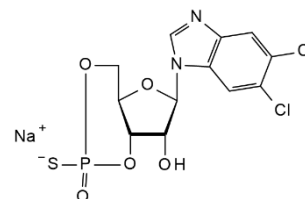
ND70436

25g	\$55.00
50g	\$85.00
100g	\$150.00

**5,6-Dichloro-(1-b-D-ribofuranosyl) benzimidazole 3',5'-cyclic monophosphothioate, Sp-isomer sodium salt**[120912-54-1] C<sub>12</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>5</sub>P-Na 419.16

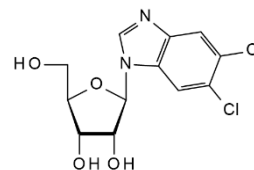
ND08934

0.5mg	\$262.50
1mg	\$420.00
2mg	\$630.00

**5,6-Dichloro-1-(b-D-ribofuranosyl) benzimidazole**• *5,6-Dichlorobenzimidazole riboside*C<sub>12</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub> 319.15

ND08933

100mg	\$300.00
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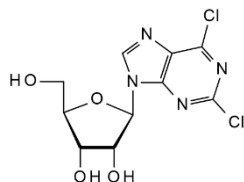
**Dichlororibio****2,6-Dichloro-9-(b-D-ribofuranosyl)purine**

• 2,6-Dichloropurine b-D-riboside

[13276-52-3] C<sub>10</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>4</sub> 321.12

ND05330

250mg	\$75.00
500mg	\$135.00
1g	\$225.00



Refs: Havelkova M, Dvorak D, Hocek M, Synthesis 2001, p1704-1710; Hocek M, Holy A, Dvořakova H, Collect. Czech. Chem. Commun. 2002, 67(3), 325-335

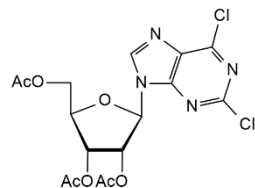
**5,6-Dichloro-1-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)-1H-benzimidazole**

see 5,6-Dichloropurine-1-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)-1H-benzimidazole, ND16534 on page 237

**2,6-Dichloro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**[3056-18-6] C<sub>16</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>7</sub> 447.23

ND04495

500mg	\$95.00
1g	\$157.50
2g	\$262.50

**Didanosine 5'-monophosphate sodium salt**

see 2',3'-Dideoxyinosine-5'-monophosphate sodium salt, ND28881 on page 244

**Didanosine 5'-monophosphate sodium salt**

see 2',3'-Dideoxyinosine-5'-monophosphate triethylammonium salt, ND15335 on page 244

**Didanosine 5'-triphosphate sodium salt**

see 2',3'-Dideoxyinosine-5'-triphosphate triethylammonium salt, ND10277 on page 244

**Didanosine**

see 2',3'-Dideoxyinosine, ND02929 on page 244

**4',5'-Didehydro-5'-deoxy-2'-O-methyluridine**C<sub>11</sub>H<sub>13</sub>NO<sub>5</sub> 239.22

ND138641

5g	\$5000.00
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**2',3'-Didehydro-3'-deoxy-thymidine-5'-triphosphate, lithium salt**

ND32048

Price On Application

**2',3'-Didehydro-2',3'-dideoxy-5'-acetate inosine**[130676-57-2] C<sub>12</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub> 276.25

ND76817

25g	\$115.00
50g	\$193.00
100g	\$320.00

**4',5'-Didehydro-2',5'-dideoxy-2'-fluorouridine**C<sub>10</sub>H<sub>10</sub>FNO<sub>4</sub> 227.19

ND138640

5g	\$5000.00
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**2',3'-Dideohydro-3'-dideoxy-thymidine-5'-monophosphate, lithium salt**

ND32045

Price On Application

**2',3'-Dideohydro-2'-3'-dideoxythymidine 5'-monophosphate sodium salt**

see Stavudine 5'-monophosphate triethylammonium salt, NS15337 on page 353

**2',3'-Dideohydro-2',3'-dideoxythymidine-5'-monophosphate sodium salt**

see Stavudine 5'-monophosphate sodium salt - 10 mM aqueous solution, NS30745 on page 353

**2',3'-Dideohydro-2'-3'-dideoxythymidine 5'-triphosphate sodium salt**

see Stavudine 5'-triphosphate triethylammonium salt, NS15336 on page 353

**2',3'-Dideohydro-2',3'-dideoxy-thymidine-5'-triphosphate sodium salt**

see Stavudine 5'-triphosphate sodium salt - 10 mM aqueous solution, NS30746 on page 353

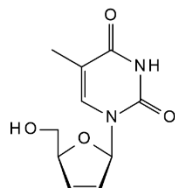
**2',3'-Dideohydro-2',3'-dideoxythymidine**

- Stavudine
- Sanilvudine
- Zidovudine Related Compound A

[3056-17-5] C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub> 224.22

ND07118

10g	\$65.00
25g	\$100.00
50g	\$150.00



Refs: Cleij MC, et al, L. Labelled Compd. Radiopharm, 2001, 44, p871

**2',3'-Dideohydro-2',3'-dideoxyuridine**[5974-93-6] C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub> 210.19

ND16317

25mg	\$125.00
50mg	\$200.00
100mg	\$300.00

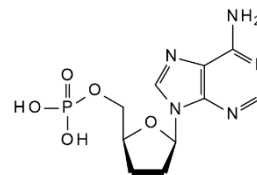
**2',3'-Dideoxyadenosine-5'-monophosphate**

- [(2S,5R)-5-(6-Amino-9H-purin-9-yl)tetrahydro-2-furanyl]methyl dihydrogen phosphate
- 2',3'-Dideoxy-5'-adenylic acid

[26315-55-9] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>5</sub>P 315.22

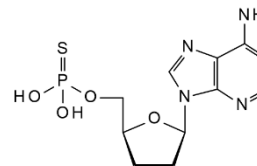
ND30902

Price On Application

**2',3'-Dideoxyadenosine-5'-monothiophosphate**C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>4</sub>PS 331.29

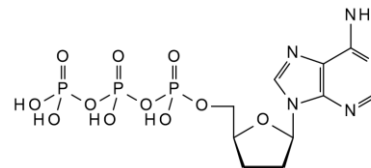
ND10392

1ug	\$105.00
5ug	\$393.80
10ug	\$630.00

**2',3'-Dideoxyadenosine-5'-triphosphate lithium salt**[93939-70-9] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>11</sub>P<sub>3</sub>·xLi 475.18 (free acid basis)

ND10279

250ug	\$75.00
500ug	\$95.00
1mg	\$150.00



**Dideoxyadeno****2',3'-Dideoxyadenosine-5'-triphosphate lithium salt - 100mM aqueous solution**

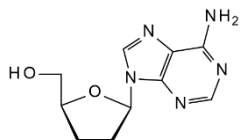
• ddATP

[93939-70-9] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>11</sub>P<sub>3</sub>·4Li 498.91

ND32077	0.5mg	\$50.00
	1mg	\$90.00
	2mg	\$160.00

**2',3'-Dideoxyadenosine**[4097-22-7] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>2</sub> 235.25

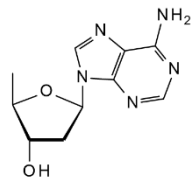
ND06741	25mg	\$50.00
	50mg	\$80.00
	100mg	\$105.00



Refs: Cooney DA, Ahluwalia G, Mitsuya H, Fridland A, Johnson M, Hao Z, Dalal M, Balzarini J, Broder S, Johns DG, Biochem. Pharmacol. 1987, Jun 1, 36(11), 1765-8

**2',5'-Dideoxyadenosine**[6698-26-6] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>2</sub> 235.25

ND07997	5mg	\$99.80
	10mg	\$157.50
	25mg	\$289.00

**2',3'-Dideoxy-5'-adenylic acid**

see 2',3'-Dideoxyadenosine-5'-monophosphate, ND30902 on page 239

**2',3'-Dideoxycytidine-5'-triphosphate lithium salt - 100mM aqueous solution**• Zalcitabine triphosphate lithium salt  
• ddCTP[132619-66-0] C<sub>9</sub>H<sub>16</sub>N<sub>3</sub>O<sub>12</sub>P<sub>3</sub> 451.16

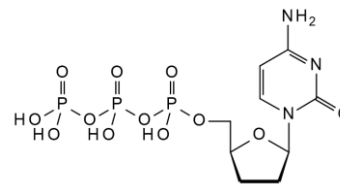
ND32066	1mg	\$105.00
	2mg	\$195.00
	5mg	\$375.00

**2',3'-Dideoxycytidine-5'-triphosphate trisodium salt**

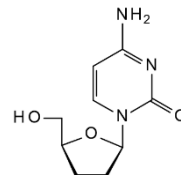
• Zalcitabine triphosphate trisodium salt

[66004-77-1] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>Na<sub>3</sub>O<sub>12</sub>P<sub>3</sub> 517.1

ND10280	1mg	\$350.00
	2mg	\$590.00
	5mg	\$975.00

**2',3'-Dideoxycytidine**• Zalcitabine  
• ddC  
• Hivid[7481-89-2] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub> 211.22

ND06559	200mg	\$50.00
	500mg	\$100.00
	1g	\$180.00

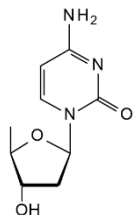


Refs: Yarchoan R, Perno CF, Thomas RV, Klecker RW, Allain JP, Wills RJ, McAtee N, Fischl MA, Dubinsky R, McNeely M, Lancet 1988, Jan 16, 1(8577), p76-81

**2',5'-Dideoxycytidine**C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub> 211.22

ND08405

5mg	\$52.50
10mg	\$94.50
25mg	\$157.50

**2',3'-Dideoxy-2',3'-dideoadenosine**

• [(2S,5R)-5-(6-Amino-9H-purin-9-yl)-2,5-dihydrofuran-2-yl]methanol

[7057-48-9] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>2</sub> 233.23

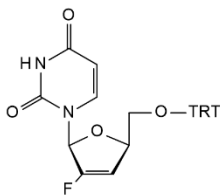
ND05186

100mg	\$85.00
250mg	\$150.00
500mg	\$250.00

**1-(2',3'-Dideoxy-2',3'-dideo-2'-fluoro-5'-O-trityl-b-L-ribofuranosyl)-uracil**C<sub>28</sub>H<sub>23</sub>FN<sub>2</sub>O<sub>4</sub> 470.49

ND58413

25mg	\$153.75
50mg	\$246.00
100mg	\$394.00

**2',3'-Dideoxy-2',3'-dideoinosine**

[42867-68-5]

ND29820

100mg	\$63.00
250mg	\$105.00
500mg	\$160.00

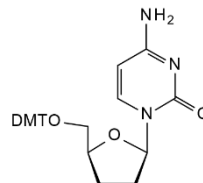
**2',3'-Dideoxy-5'-O-DMT-cytidine**

• 4-Amino-1-[(2R,5S)-5-[[bis(4-methoxyphenyl)phenylmethoxy]methyl]tetrahydro-2-furanyl]-2(1H)-pyrimidinone

[797804-87-6] C<sub>30</sub>H<sub>31</sub>N<sub>3</sub>O<sub>5</sub> 513.6

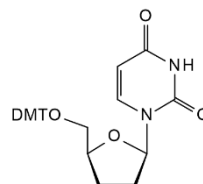
ND08403

50mg	\$145.00
100mg	\$240.00
250mg	\$425.00

**2',3'-Dideoxy-5'-O-DMT-uridine**C<sub>30</sub>H<sub>30</sub>N<sub>4</sub>O<sub>6</sub> 514.58

ND08411

10mg	\$42.00
25mg	\$79.00
50mg	\$121.00

**2',3'-Dideoxy-3'-fluoro-adenosine**[87418-35-7] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>2</sub> 253.23

ND80474

Price On Application

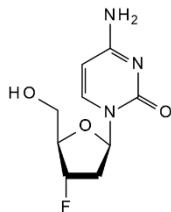


**Dideoxyfluor****2',3'-Dideoxy-3'-fluorocytidine**

- 1-(2,3-Dideoxy-3-fluoro-b-D-erythro-pentofuranosyl)cytosine
- 2',3'-Dideoxy-3'-fluorocytidine

[51246-79-8] C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>3</sub> 229.21

ND01970	500mg	\$450.00
	1g	\$650.00
	2g	\$950.00

**2',3'-Dideoxy-5-fluorocytidine**[107036-62-4] C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>3</sub> 229.21

ND99344	2mg	\$250.00
	5mg	\$375.00
	10mg	\$550.00

**b-L-2',3'-Dideoxy-5-fluorocytidine**

- 4-Amino-5-fluoro-1-[(2S,5R)-tetrahydro-5-(hydroxymethyl)-2-furanyl]-2(1H)-pyrimidinone

[147058-39-7] C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>3</sub> 229.21

ND157001

Price On Application

**1-(2,3-Dideoxy-3-fluoro-b-D-erythro-pentofuranosyl)cytosine**

see 2',3'-Dideoxy-3'-fluorocytidine, ND01970 on page 242

**1-(2,3-Dideoxy-3-fluoro-a-D-erythro-pentofuranosyl)uracil**

see 2',3'-Dideoxy-3'-fluoro-a-uridine, ND02126 on page 243

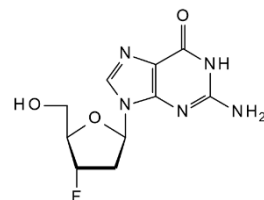
**2',3'-Dideoxy-3'-fluoroguanosine**

- 9-(2,3-Deoxy-3-fluoro-b-D-erythro-pentofuranosyl)guanine

[92562-88-4] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>3</sub> 269.24

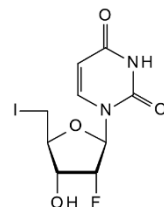
ND06059

1mg	\$85.00
2mg	\$150.00
5mg	\$250.00

**2',5'-Dideoxy-2'-fluoro-5'-iodouridine**[211694-25-6] C<sub>9</sub>H<sub>10</sub>FIN<sub>2</sub>O<sub>4</sub> 356.09

ND10106

2mg	\$42.00
5mg	\$63.00
10mg	\$94.50

**1-(2,3-Dideoxy-2-fluoropentofuranosyl)cytosine**[119555-47-4] C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>3</sub> 229.21

ND89820

Price On Application

**1-(2,3-Dideoxy-3-fluoro-b-D-ribofuranosyl)uracil**

see 2',3'-Dideoxy-3'-fluorouridine, ND04228 on page 243

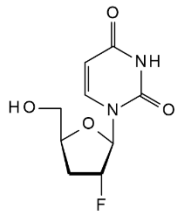
**(-)-2',3'-Dideoxy-5-fluoro-3'-thiacytidine**

see Coviracil, NC05645 on page 155

**2',3'-Dideoxy-2'-fluorouridine**[122929-22-0] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>4</sub> 230.19

ND63201

Price On Application

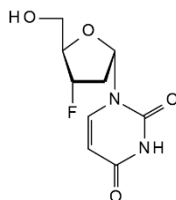
**2',3'-Dideoxy-3'-fluoro-a-uridine**

• 1-(2,3-Dideoxy-3-fluoro-a-D-erythro-pentofuranosyl)uracil

[178374-44-2] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>4</sub> 230.19

ND02126

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

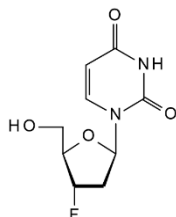
**2',3'-Dideoxy-3'-fluorouridine**

• 1-(2,3-Dideoxy-3-fluoro-b-D-ribofuranosyl)uracil

[41107-56-6] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>4</sub> 230.2

ND04228

5mg	\$95.00
10mg	\$175.00
25mg	\$350.00



Refs: Mentel R, et.al, Antiviral Research, 1997, 34, p113

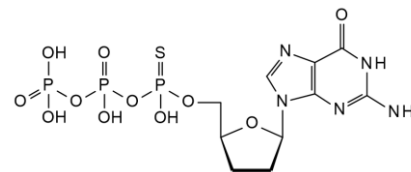
**1,(2,3-Dideoxy-b-L-glycero-pentofuranosyl)thymine**

see 3'-Deoxy-L-thymidine, ND02766 on page 222

**2',3'-Dideoxyguanosine-5'-O-(1-thiotriphosphate)**C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>11</sub>P<sub>3</sub>S 507.25

ND10393

1ug	\$115.50
5ug	\$367.50
10ug	\$525.00

**2',3'-Dideoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution**

• dd-GTP

[68726-28-3] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub> 491.18

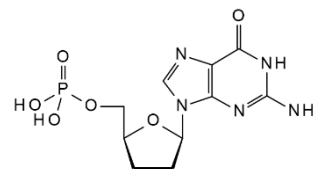
ND32065

Price On Application

**2',3'-Dideoxyguanosine-5'-triphosphate**C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>6</sub>P 331.22

ND09987

1ug	\$84.00
5ug	\$210.00
10ug	\$315.00

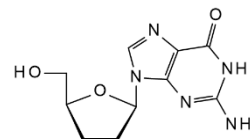
**2',3'-Dideoxyguanosine**

• Dideoxy guanosine

[85326-06-3] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.25

ND04069

25mg	\$50.00
50mg	\$75.00
100mg	\$125.00

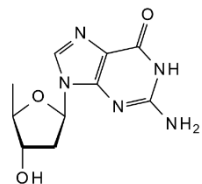


Refs: Aoki-Sei S, O'Brien MC, Ford H, Fujii H, Gilbert DA, Cooney DA, Johns DG, Broder S, Mitsuya H, J. Infect. Dis. 1991, 164(5), p843-51; Johnson, Mol. Pharmacol, 1989, 35, p681; Suzuki et.al, Biochem. Biophys. Res. Comm, 1988, 156, p1144; Walters et.al, J. Pharm. Biomed. Anal, 1999, 19, p955

**Dideoxyguano****2',5'-Dideoxyguanosine**C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 251.25

ND08406

Price On Application

**Dideoxy guanosine**

see 2',3'-Dideoxyguanosine, ND04069 on page 243

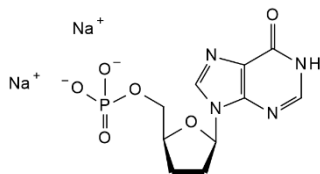
**2',3'-Dideoxyinosine-5'-monophosphate sodium salt**

• Didanosine 5'-monophosphate sodium salt

[117947-01-0 (free acid)] C<sub>10</sub>H<sub>11</sub>N<sub>4</sub>O<sub>6</sub>P·Na<sub>2</sub> 360.17

ND28881

Price On Application

**2',3'-Dideoxyinosine-5'-monophosphate triethylammonium salt**

• Didanosine 5'-monophosphate sodium salt

ND15335

1mg	\$504.00
2mg	\$882.00
5mg	\$1522.50

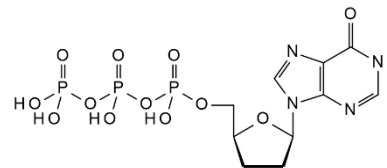
**2',3'-Dideoxyinosine-5'-triphosphate triethylammonium salt**

• Didanosine 5'-triphosphate sodium salt

[122406-02-4] C<sub>10</sub>H<sub>15</sub>N<sub>4</sub>O<sub>12</sub>P<sub>3</sub> 476.17

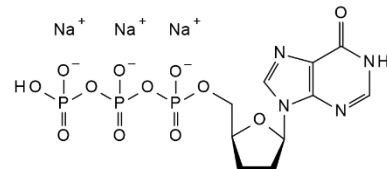
ND10277

1mg	\$504.00
2mg	\$882.00
5mg	\$1890.00

**2',3'-Dideoxyinosine-5'-triphosphate trisodium salt**[137629-34-6][122406-02-4] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>Na<sub>3</sub>O<sub>12</sub>P<sub>3</sub> 542.11

ND45438

1mg	\$600.00
2mg	\$800.00

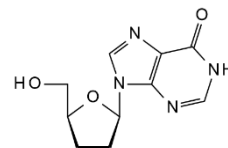
**2',3'-Dideoxyinosine**

- Dideoxyinosine
- Didanosine
- DDI

[69655-05-6] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>3</sub> 236.23

ND02929

5g	\$75.00
10g	\$125.00
25g	\$195.00



Refs: Dahlbeng, J.E, et al, Proc. Nat. Acad. Sci. USA, 1986, 83, p1911



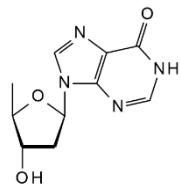
**2',5'-Dideoxyinosine**

• DIDEOXYINOSINE

C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>3</sub> 236.23

ND08407

1mg	\$42.00
5mg	\$84.00
10mg	\$157.50

**Dideoxyinosine**

see 2',3'-Dideoxyinosine, ND02929 on page 244

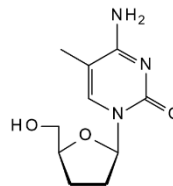
**DIDEOXYINOSINE**

see 2',5'-Dideoxyinosine, ND08407 on page 245

**2',3'-Dideoxy-5-iodocytidine**[114748-57-1] C<sub>9</sub>H<sub>12</sub>N<sub>3</sub>I O<sub>3</sub> 337.11

ND72414

5mg	\$85.00
10mg	\$150.00
25mg	\$250.00

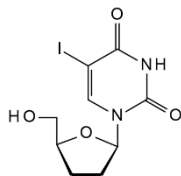
**2'3'-dideoxy-7-iodotubercidin**

see 7-Deaza-2',3'-dideoxy-7-iodoadenosine, ND44800 on page 168

**2',3'-Dideoxy-5-iodouridine**[105784-83-6] C<sub>9</sub>H<sub>11</sub>IN<sub>2</sub>O<sub>4</sub> 338.1

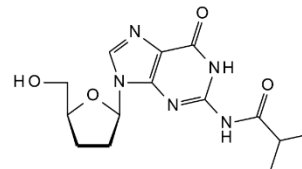
ND07998

2mg	\$75.00
5mg	\$125.00
10mg	\$235.00

**2',3'-Dideoxy-N2-isobutyrylguanosine**C<sub>14</sub>H<sub>19</sub>N<sub>5</sub>O<sub>4</sub> 321.34

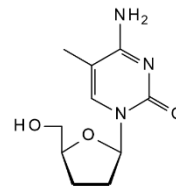
ND08543

25mg	\$157.50
50mg	\$262.50
100mg	\$473.00

**2',3'-Dideoxy-5-methylcytidine**[107036-56-6] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub> 225.25

ND08404

10mg	\$84.00
25mg	\$126.00
50mg	\$210.00

**2',3'-Dideoxy-3'-thia-cytidine-5'-monophosphate**

see Lamivudine 5'-monophosphate ammonium salt, NL24831 on page 302

**2',3'-Dideoxy-3'-thia-cytidine-5'-triphosphate (L isomer), lithium salt**

ND32051	100ug	\$550.00
	250ug	\$1000.00
	500ug	\$1650.00

**2',3'-Dideoxy-3'-thiacytidine**

see Lamivudine, NL06295 on page 302

**Dideoxythioi****2',3'-Dideoxy-6-thio-inosine**

• 6-Thiopurine-2',3'-dideoxyriboside

[126502-10-1] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>S 252.29

ND45441

Price On Application

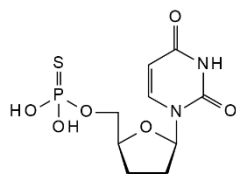
**2',3'-dideoxytubercidin**

see 7-Deaza-2',3'-dideoxyadenosine, ND00041 on page 167

**2',3'-Dideoxyuridine-5'-O-monothiophosphate**C<sub>8</sub>H<sub>13</sub>N<sub>2</sub>O<sub>6</sub>PS 308.25

ND10394

1ug	\$84.00
5ug	\$315.00
10ug	\$525.00

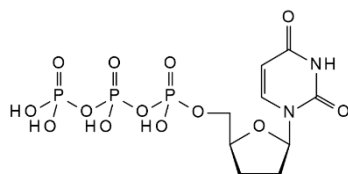
**2',3'-Dideoxyuridine-5'-triphosphate lithium salt - 100mM aqueous solution**

• ddUTP

[84445-38-5] C<sub>9</sub>H<sub>15</sub>N<sub>2</sub>O<sub>13</sub>P<sub>3</sub>·xLi 452.14 (free acid basis)

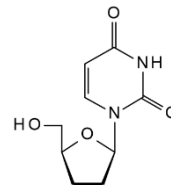
ND10276

1mg	\$94.50
2mg	\$157.50
4.5mg	\$283.50

**2',3'-Dideoxyuridine**[5983-09-5] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub> 212.21

ND06551

50mg	\$84.00
100mg	\$158.00
250mg	\$262.50

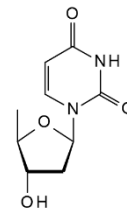


Refs: Hao Z, Cooney DA, Farquhar D, Perno CF, Zhang K, Masood R, Wilson Y, Hartman NR, Balzarini J, Johns DG, Mol. Pharmacol. 1990, Vol37, Issue 2, p157-163

**2',5'-Dideoxyuridine**[35959-50-3] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub> 212.21

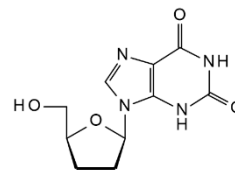
ND08409

1mg	\$36.80
5mg	\$63.00
10mg	\$89.30

**2',3'-Dideoxyxanthosine**[132194-28-6] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub> 252.23

ND10205

Price On Application

**2',2'-Difluoro-2'-deoxyuridine 3',5'-dibenzoate**

see 3',5'-Di-O-benzoyl-2'-deoxy-2',2'-difluorouridine, ND16691 on page 233

**2',2'-Difluoro-3',5'-dibenzoyl-2'-deoxycytidine**

see 3',5'-Di-O-benzoyl-2'-deoxy-2',2'-difluorocytidine, ND08303 on page 233

**4-(difluoromethyl)-2-hydroxy-pyrimidine-5-carboxylic acid**[1260902-01-9] C<sub>6</sub>H<sub>4</sub>F<sub>2</sub>N<sub>2</sub>O<sub>3</sub> 190.1

ND59458

Price On Application

**2',2'-Difluorothymidine**

see 2'-Deoxy-2',2'-difluoro-5-methyluridine, ND21055 on page 179

**C-di-GMP**

see Cyclic diguanosine monophosphate, NC46014 on page 157

**DIHYDRALAZINE**

see 2,4-Diamino-6,7-dimethylpteridine, ND71063 on page 231

**5,6-Dihydro-5-azacytidine acetate**C<sub>10</sub>H<sub>17</sub>N<sub>4</sub>O<sub>7</sub> 305.26

ND10291

2mg	\$50.00
5mg	\$85.00
10mg	\$134.00

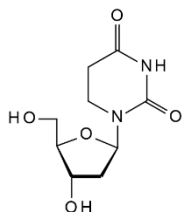
**5,6-Dihydro-2'-deoxy-5-methyluridine**

see 5,6-Dihydrothymidine, ND144870 on page 248

**5,6-Dihydro-2'-deoxyuridine**[5626-99-3] C<sub>9</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 230.22

ND07999

5mg	\$75.00
10mg	\$125.00
25mg	\$190.00

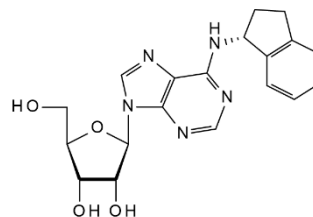
**N-[6,9-Dihydro-9-[(2R,6S)-6-(hydroxymethyl)-2-morpholinyl]-6-oxo-1H-purin-2-yl]-2-methyl-propanamide**

see N2-Isobutyryl-7'-OH-Morpholino guanosine, NI76867 on page 297

**(R)-N-(2,3-Dihydro-1H-indenyl)adenosine**[96392-15-3] C<sub>19</sub>H<sub>21</sub>N<sub>5</sub>O<sub>4</sub> 383.4

ND11705

5mg	\$42.00
10mg	\$63.00
25mg	\$105.00

**3,7-Dihydro-5-iodo-4-oxo-4H-pyrrolo[2,3-d]pyrimidine**

• 5-Iodo-3,7-dihydro-pyrrolo[2,3-δ]pyrimidin-4-one

[135352-71-5] C<sub>6</sub>H<sub>4</sub>I<sub>2</sub>N<sub>3</sub>O 261.02

ND57427

100mg	\$82.00
250mg	\$97.50
500mg	\$220.00

**(S)-4,9-Dihydro-a-[(methoxycarbonyl)amino]-4,6-dimethyl-9-oxo-3-b-D-ribofuranosyl-3H-imidazo[1,2-a]purine-7-butanolic acid methyl ester**• Nucleoside Y  
• Wybutosine[55196-46-8] C<sub>21</sub>H<sub>28</sub>N<sub>6</sub>O<sub>9</sub> 508.48

ND157877

Price On Application

**7,8-Dihydro-8-oxo-7-(2-propenyl)guanosine**

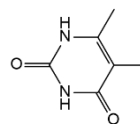
see 7-Allyl-7,8-dihydro-8-oxoguanosine, NA07175 on page 32

**Dihydrooxori****3,4-Dihydro-3-oxo-4-b-D-ribofuranosyl-2-pyrazinecarboxamide**

[356782-84-8] C<sub>10</sub>H<sub>13</sub>N<sub>3</sub>O<sub>6</sub> 271.23  
 ND31834 1g \$2000.00

**2,4-Dihydroxy-5,6-dimethylpyrimidine**

[26305-13-5] C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub> 140.14  
 ND44311 1g \$40.00  
 5g \$110.00  
 10g \$160.00

**1,4-Dihydro-4-(b-D-ribofuranosyl)-5H-1,2,3-triazolo[4,5-b]pyridin-5-one**

see 4-(b-D-Ribofuranosyl)-vic-triazolo[4,5-b]pyridin-5-one, NR04971 on page 352

**9-(2,3-Dihydroxy-4-[hydroxymethyl]cyclopentyl)adenine**

see Carbocyclic adenosine, NC29204 on page 135

**5,6-Dihydrothymidine**

• 5,6-Dihydro-2'-deoxy-5-methyluridine

[5627-00-9] C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub> 244.24  
 ND144870 25mg \$215.00  
 50mg \$325.00  
 100mg \$500.00

**9-[(1R,2S,3R,4R)-2,3-Dihydroxy-4-(hydroxymethyl)cyclopentyl]-3H-purin-6-one**

see Carbocyclic inosine, NC29205 on page 136

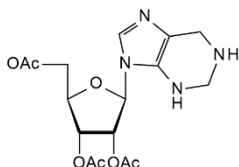
**Dihydrozeatin riboside-5'-monophosphate sodium salt**

• 6-(4-hydroxy-3-methylbutylamino)-9-b-D-ribofuranosyl purine-5'-monophosphate disodium monohydrate

[31284-94-3] C<sub>15</sub>H<sub>22</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>8</sub>P·H<sub>2</sub>O 495.33  
 ND30226 1mg \$285.00  
 2mg \$420.00  
 5mg \$975.00

**2,6-Dihydro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine**

C<sub>16</sub>H<sub>22</sub>N<sub>4</sub>O<sub>7</sub> 382.37  
 ND11706 500mg \$105.00  
 1g \$183.80  
 2g \$315.00

**Dihydrozeatin riboside**

• 6-(4-hydroxy-3-methylbutylamino)-9-b-D-ribofuranosylpurine

[22663-55-4] C<sub>15</sub>H<sub>23</sub>N<sub>5</sub>O<sub>5</sub> 353.37  
 ND30220 10mg \$115.00  
 25mg \$175.00  
 50mg \$225.00

**7-(4,5-cis-Dihydroxy-1-cyclopenten-3-ylaminomethyl)-7-deazaguanosine**

• Queuosine  
 • Nucleoside Q

[57072-36-3] C<sub>17</sub>H<sub>23</sub>N<sub>5</sub>O<sub>7</sub> 409.39  
 ND157876 Price On Application



**4-(Dimethoxymethyl)pyrimidine**

• 4-Pyrimidinecarboxaldehyde, dimethyl acetal

[25746-87-6] C<sub>7</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub> 154.17

ND57369

250mg	\$75.00
500mg	\$120.00
1g	\$290.70

**4,5-Dimethoxy-2-nitrobenzyl adenosine 3',5'-cyclic monophosphate**C<sub>19</sub>H<sub>21</sub>N<sub>6</sub>O<sub>10</sub>P 524.38

ND63885

5mg \$375.00

**5'-O-(4,4'-Dimethoxytrityl)-N6-benzoyl-2'-deoxyadenosine-3'-Icaa-CPG**

• DMT-dA-NBz-Icaa-CPG

ND57353

25g	\$69.50
50g	\$111.00
100g	\$178.00

**5'-O-(4,4'-Dimethoxytrityl)-N4-benzoyl-2'-deoxycytidine-3'-Icaa-CPG**

• DMT-dC-NBz-Icaa-CPG

ND57351

25g	\$69.50
50g	\$111.00
100g	\$178.00

**5'-O-(4,4'-Dimethoxytrityl)-N4-benzoyl-5-methyl-2'-deoxycytidine**

• 5'-DMT-NBz-5-Methyl dC

[104579-03-5] C<sub>38</sub>H<sub>37</sub>N<sub>3</sub>O<sub>7</sub> 647.72

ND57348

2g	\$75.00
5g	\$175.00
10g	\$300.00

**5'-O-(4,4'-Dimethoxytrityl)-3'-O-tert-butyl dimethylsilyl uridine**

see 3'-O-tert-Butyldimethylsilyl-5'-O-DMT-uridine, NB33743 on page 132

**5'-O-(4,4'-dimethoxytrityl)-2'-deoxyadenosine**

• DMT-dA

[17331-22-5] C<sub>31</sub>H<sub>31</sub>N<sub>5</sub>O<sub>5</sub> 553.61

ND57357

500mg	\$60.00
1g	\$116.80
2g	\$186.90

**5'-O-(4,4'-dimethoxytrityl)-2'-deoxycytidine**

• DMT-dC

[76512-82-8] C<sub>30</sub>H<sub>30</sub>N<sub>3</sub>O<sub>6</sub> 528.58

ND57360

250mg	\$50.00
500mg	\$70.00
1g	\$95.00

**5'-O-(4,4'-dimethoxytrityl)-2'-deoxyguanosine**

• 5'-DMT-2'-dG

[81144-43-6] 569.61

ND57359

1g \$95.30



## Dimethoxytri

## 5'-O-(4,4'-Dimethoxytrityl)-2'-deoxyinosine

• DMT-dl

C<sub>31</sub>H<sub>30</sub>N<sub>4</sub>O<sub>6</sub> 554.59

ND47021

1g	\$74.60
2g	\$119.40
5g	\$176.60



## 5'-O-(4,4'-Dimethoxytrityl)-2'-deoxyuridine

see 2'-Deoxy-5'-O-DMT-uridine, ND05965 on page 189

## 5'-O-(Dimethoxytrityl)-N2-(dimethylaminomethylidene)-3'-deoxyguanosine

see 3'-Deoxy-N2-DMF-5'-O-DMT-guanosine, ND31008 on page 181

## 5'-O-(4,4'-Dimethoxytrityl)-N2-isobutyryl-2'-deoxyguanosine-3'-Icaa-CPG

• DMT-dG-NiBu-Icaa-CPG

ND57350

25g	\$69.50
50g	\$111.00
100g	\$178.00



## 5'-O-(4,4'-Dimethoxytrityl)-N4-isobutyryl-2'-O-methylcytidine

see 5'-O-DMT-N4-isobutyryl-2'-O-methylcytidine, ND57358 on page 259

## 5'-O-Dimethoxytrityl-2'-O-methylguanosine

see 5'-O-DMT-2'-O-methylguanosine, ND08420 on page 260

## 5'-O-Dimethoxytrityl-2'-O-methylinosine

see 5'-O-DMT-2'-O-methylinosine, ND08419 on page 260

## 1-5[5-O-(4,4'-Dimethoxytrityl)-3-O-nitrophenylsulphonyl-2-deoxy-b-D-lyxofuranosyl]thymine

see 1-(2'-Deoxy-5'-O-DMT-3'-O-nitrophenylsulphonyl-b-D-lyxofuranosyl)thymine, ND10366 on page 188

## 5'-O-(4,4'-Dimethoxytrityl)-2'-O-(tertbutyldimethylsilyl)-N-benzoyl-Cytidine

see N4-Benzoyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine, NB15302 on page 96

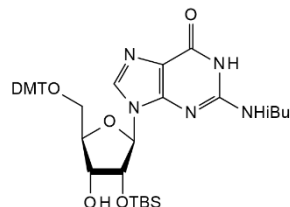
## 5'-O-(4,4'-Dimethoxytrityl)-2'-O-(tertbutyldimethylsilyl)-N-isobutyryl-Guanosine

• 2'-O-tert-Butyldimethylsilyl-5'-O-DMT-N2-isobutyrylguanosine

[81279-39-2] C<sub>41</sub>H<sub>51</sub>N<sub>5</sub>O<sub>8</sub>Si 769.96

ND57513

500mg	\$65.00
1g	\$100.00
2g	\$160.00



## 5'-O-(4,4'-Dimethoxytrityl)thymidine-3'-Icaa-CPG

• DMT-T-Icaa-CPG

ND57352

25g	\$69.50
50g	\$111.00
100g	\$178.00



## 5'-O-(4,4'-Dimethoxytrityl)-thymidine-3'-O-succinic acid

see 5'-O-DMT-thymidine-3'-O-succinic acid, ND10585 on page 263

## C2,C8-Dimethyladenosine

ND46831

Price On Application



## N6,N6-Dimethyladenosine

see 6-Dimethylamino-9-(b-D-ribofuranosyl)purine, ND04708 on page 251

## N6-(3,3-Dimethylallylamino)purine riboside

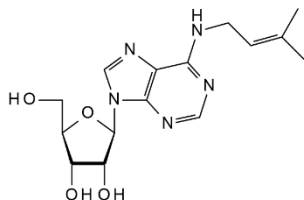
see 6-(3,3-Dimethylallylamino)-9-(b-D-ribofuranosyl)purine, ND08001 on page 251

**6-(3,3-dimethylallylamino)-9-β-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate**see *N6-Isopentenyladenosine-5'-monophosphate sodium salt, NI30240 on page 298***6-(3,3-Dimethylallylamino)-9-(β-D-ribofuranosyl)purine**

- N6-(3,3-Dimethylallylamino)purine riboside
- N6-(2-Isopentenyl)adenosine

[7724-76-7] C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>4</sub> 335.37

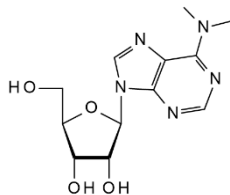
ND08001	50mg	\$48.00
	100mg	\$80.00
	250mg	\$175.00

**2-(Dimethylamino)-D-guanosine**see *N2,N2-Dimethylguanosine, ND05647 on page 252***N2-[(Dimethylamino)methylidene]-5'-O-DMT-2'-O-methyl-D-guanosine**see *N2-DMF-5'-O-DMT-2'-O-methylguanosine, ND08425 on page 254***N2-[(dimethylamino)methylidene]-2'-O-methyl-D-guanosine**see *N2-DMF-2'-O-methylguanosine, ND08423 on page 254***2-Dimethylamino-6-oxypurine riboside**see *N2,N2-Dimethylguanosine, ND05647 on page 252***6-Dimethylamino-9-(β-D-ribofuranosyl)purine**

- N6,N6-Dimethyladenosine

[2620-62-4] C<sub>12</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 295.3

ND04708	100mg	\$50.00
	250mg	\$80.00
	500mg	\$135.00



Refs: Elion, G.B, et al, JACS 1952 74, p411-414; Kelley, J.L, et.al, J. Med Chem. 1989, 32, p1020-1024

**3-N-(2,4-Dimethylbenzyl)-1-(5-O-DMT-3-O-nitrophenylsulphonyl)-2-deoxy-β-D-lyxofuranosyl)thymidine**[290371-75-4] C<sub>46</sub>H<sub>45</sub>N<sub>5</sub>O<sub>13</sub>S 879.93

ND11574

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



Refs: Grierson JR, et.al, Nucl. Med. Biol, 1999, 42, S525

**2'-O-[(1,1-Dimethylethyl)dimethylsilyl]-5'-O-(triphenylmethyl)uridine**see *2'-O-tert-Butyldimethylsilyl-5'-O-trityluridine, NB16515 on page 133***2'-O-[(1,1-Dimethylethyl)dimethylsilyl]-5'-O-(triphenylmethyl)uridine 3'-(O-phenyl carbonothioate)**see *2'-O-(tert-Butyldimethylsilyl)-3'-O-(phenoxythioncarbonyl)-5'-O-trityluridine, NB16514 on page 133***N,N-Dimethyl-guanosine 2',3',5'-triacetate**see *2',3',5'-Tri-O-acetyl-2N,2N-dimethylguanosine, NT16567 on page 371***2',3'-Di-O-methylguanosine**

ND35419

Price On Application

**N2,7-Dimethylguanosine**C<sub>12</sub>O<sub>5</sub>N<sub>5</sub>H<sub>17</sub> 311.29

ND45563

Price On Application



## Dimethylguan

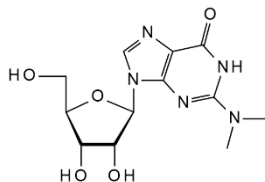
## N2,N2-Dimethylguanosine

- 2-Dimethylamino-6-oxypurine riboside
- 2-(Dimethylamino)-D-guanosine

[2140-67-2] C<sub>12</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 311.3

ND05647

5mg	\$65.00
10mg	\$95.00
25mg	\$160.00

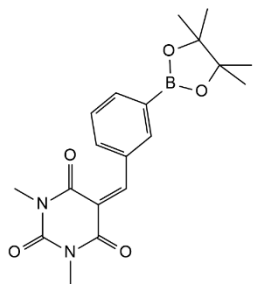


Refs: Topp et.al, Nucleosides, Nucleotides, 1993, 12, p585

## 1,3-Dimethyl-5-[3-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)-benzylidene]-pyrimidine-2,4,6-trione

ND44285

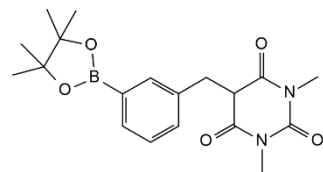
500mg	\$75.00
1g	\$122.50



## 1,3-Dimethyl-5-[3-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)-benzyl]-pyrimidine-2,4,6-trione

ND44286

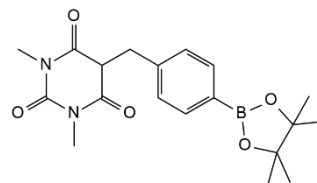
1g	\$93.50
2g	\$149.60
5g	\$239.30



## 1,3-Dimethyl-5-[4-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)-benzyl]-pyrimidine-2,4,6-trione

ND44283

500mg	\$75.00
1g	\$122.50



## N-[9-(2,3-Di-O-benzoyl-b-L-ribofuranosyl)-9H-purin-6-yl]-benzamide

see 2',3'-Di-O-benzoyl-N6-benzoyl-L-adenosine, ND145163 on page 232

## 5,6-Dioxyuracil; 2,4,5,6-Tetraoxypyrimidine

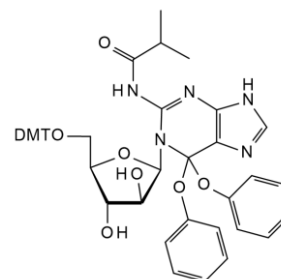
see Alloxan tetrahydrate, NA71089 on page 31

## O6-Diphenylcarbonyl-N2-isobutyryl-1-(5'-O-DMT-b-D-arabinofuranosyl)guanine

C<sub>47</sub>H<sub>47</sub>N<sub>5</sub>O<sub>9</sub> 825.9

ND11598

50mg	\$157.50
100mg	\$263.00
250mg	\$472.50





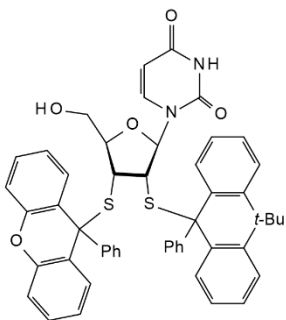
**2',3'-Di(9-phenylxanthen-9-yl)dithiouridine**

• 2',3'-Bis-S-(9-phenyl-9H-xanthen-9-yl)-2',3'-dithio-uridine

[156592-88-0] C<sub>47</sub>H<sub>36</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub> 788.93

ND16531

2mg	\$139.90
5mg	\$254.40
10mg	\$462.50

**3',5'-Diphosphoguanosine tetralithium salt**see *b-Guanosine 3',5'-diphosphate tetralithium salt, NG31507* on page 283**Diphosphopyridine nucleotide**see *b-Nicotinamide adenine dinucleotide, NN11969* on page 333**Diphosphopyridine nucleotide**see *b-Nicotinamide adenine dinucleotide sodium salt dihydrate, NN44827* on page 333**(4-N,N-(Dipropyl-1,1-dichloro-2-)aminophenyl)(5'-deoxy-5'-glycylamino-2'-O-tetrahydropyranicytidyl-3')hydrogen phosphate**C<sub>26</sub>H<sub>37</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>9</sub>P 679.49

ND07075

Price On Application

**(4-N,N-(Dipropyl-1,1-diido-2-)aminophenyl)(5'-deoxy-5'-glycylamino-2'-O-tetrahydropyranicytidyl-3')hydrogen phosphate**

ND01156

Price On Application

**2',3'-Dithiouridine**[156592-92-6] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub> 276.33

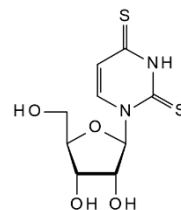
ND22570

1mg	\$218.10
2mg	\$396.40
5mg	\$720.80

**2,4-Dithiouridine**[13239-96-8] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub> 276.33

ND10281

50mg	\$900.00
100mg	\$1200.00
250mg	\$1600.00



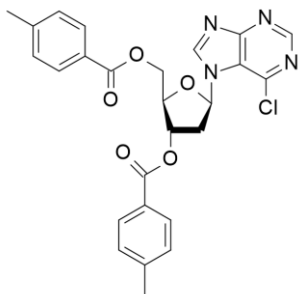
**Ditoluoylchl****3,5-Di-O-toluoyl 6-chloropurine-7-b-D-deoxyribose**

• 6-Chloro-7-[2-deoxy-3,5-bis-O-(4-methylbenzoyl)-b-D-erythro-pentofuranosyl]-7H-purine

[91713-51-8] C<sub>26</sub>H<sub>23</sub>ClN<sub>4</sub>O<sub>5</sub> 506.94

ND16703

10mg	\$149.90
25mg	\$272.50
50mg	\$496.00

**DM6ATP**

see 2'-Deoxy-N6-methyladenosine 5'-triphosphate sodium salt, ND71654 on page 213

**DMF-dG**

see 2'-Deoxy-N2-DMF-guanosine, ND10841 on page 181

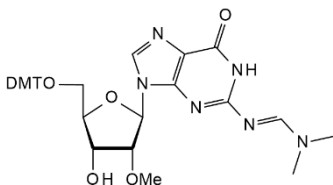
**N2-DMF-5'-O-DMT-2'-O-methylguanosine**

• N2-[(Dimethylamino)methylidene]-5'-O-DMT-2'-O-methyl-D-guanosine

C<sub>35</sub>H<sub>38</sub>N<sub>6</sub>O<sub>7</sub> 643.73

ND08425

100mg	\$90.00
250mg	\$157.50
500mg	\$265.00

**N2-DMF-guanosine**C<sub>13</sub>H<sub>18</sub>N<sub>6</sub>O<sub>5</sub> 338.32

ND57528

Price On Application

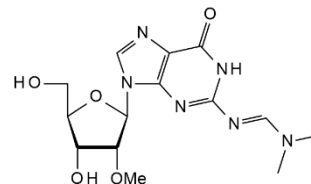
**N2-DMF-2'-O-methylguanosine**

• N2-[(dimethylamino)methylidene]-2'-O-methyl-D-guanosine

C<sub>14</sub>H<sub>20</sub>N<sub>6</sub>O<sub>5</sub> 352.35

ND08423

100mg	\$85.00
250mg	\$150.00
500mg	\$225.00

**N2-DMF-2'-O-methylguanosine**C<sub>14</sub>H<sub>20</sub>N<sub>6</sub>O<sub>5</sub> 352.35

ND57532

Price On Application

**DMT-Ac-dA**

see N6-Acetyl-2'-deoxy-5'-O-DMT-adenosine, ND57508 on page 14

**5'-DMT-N4-acetyl-2'-deoxycytidine**

see N4-Acetyl-2'-deoxy-5'-O-DMT-cytidine, NA04015 on page 15

**DMT-Ac-5-I-Cytidine**

see N4-Acetyl-5'-O-DMT-5-iodocytidine, ND57520 on page 18

**DMT-Ac-5-I-2'-deoxycytidine**

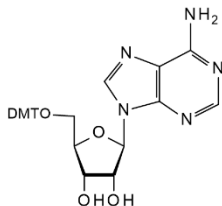
see N4-Acetyl-2'-deoxy-5'-O-DMT-5-iodocytidine, ND57519 on page 15

**5'-O-DMT-adenosine**

[81352-25-2]

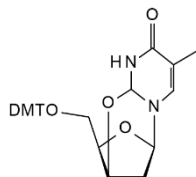
ND15508

10g	\$200.00
25g	\$400.00
50g	\$600.00

**5'-O-DMT-2,3'-anhydrothymidine**[191474-13-2] C<sub>31</sub>H<sub>30</sub>N<sub>2</sub>O<sub>6</sub> 528.61

ND03508

50mg	\$129.00
100mg	\$221.00
250mg	\$500.00

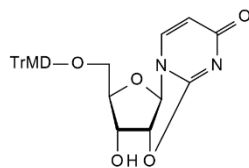


Refs: Machulla HJ, et.al, Radioanl. Nucl. Chem, 2000, 243, p843

**5'-O-DMT-2,2'-anhydrouridine**[207724-65-0] C<sub>30</sub>H<sub>28</sub>N<sub>2</sub>O<sub>7</sub> 528.55

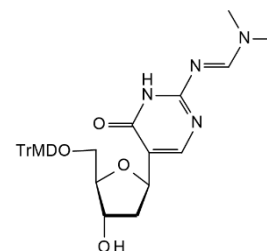
ND63210

5g	\$300.00
10g	\$420.00
25g	\$750.00

**5'-O-DMT-N6-benzoyl-2'-deoxy-D-adenosine**see *N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine*, NB02601 on page 100**DMT-dA-NBz-Icaa-CPG**see *5'-O-(4,4'-Dimethoxytrityl)-N6-benzoyl-2'-deoxyadenosine-3'-Icaa-CPG*, ND57353 on page 249**DMT-dA**see *5'-O-(4,4'-dimethoxytrityl)-2'-deoxyadenosine*, ND57357 on page 249**DMT-dC-NBz-Icaa-CPG**see *5'-O-(4,4'-Dimethoxytrityl)-N4-benzoyl-2'-deoxycytidine-3'-Icaa-CPG*, ND57351 on page 249**DMT-dC**see *5'-O-(4,4'-dimethoxytrityl)-2'-deoxycytidine*, ND57360 on page 249**5'-O-DMT-7-deaza-2'-deoxyxanthosine**see *7-Deaza-2'-deoxy-5'-O-DMT-xanthosine*, ND10364 on page 165**DMT-dG-NiBu-Icaa-CPG**see *5'-O-(4,4'-Dimethoxytrityl)-N2-isobutryl-2'-deoxyguanosine-3'-Icaa-CPG*, ND57350 on page 250**DMT-5'-O-dG-3'-O-P(OMe)N(iPr)2**see *2'-Deoxy-5'-O-DMT-guanosine-3'-O-P(OMe)N(iPr)2*, ND02666 on page 185**5'-DMT-2'-dG**see *5'-O-(4,4'-dimethoxytrityl)-2'-deoxyguanosine*, ND57359 on page 249**5'-O-DMT-N-(dimethylamino)methylidene-2'-deoxypseudoisocytidine**[307314-30-3] C<sub>33</sub>H<sub>36</sub>N<sub>4</sub>O<sub>6</sub> 584.66

ND63443

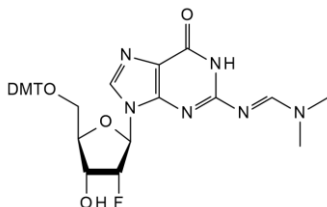
Price On Application



**DMTDimethylf****5'-O-DMT-N2-Dimethylformamid-2'-deoxy-2'-fluoroguanosine**C<sub>34</sub>H<sub>35</sub>N<sub>6</sub>O<sub>6</sub> 642.68

ND46152

50mg	\$50.00
100mg	\$90.00
250mg	\$200.00

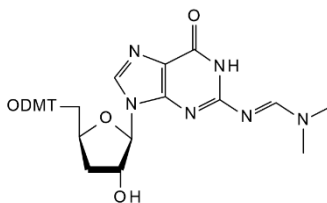
**DMT-dl**

see 5'-O-(4,4'-Dimethoxytrityl)-2'-deoxyinosine, ND47021 on page 250

**5'-O-DMT-N2-DMF-3'-deoxyguanosine**C<sub>34</sub>H<sub>35</sub>N<sub>6</sub>O<sub>6</sub> 624.69

ND11599

Price On Application

**5'-O-DMT-N2-DMF-guanosine-3'-succinyl CPG 1000 Å**

ND11602

1g \$367.50

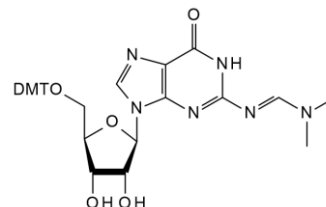
**5'-O-DMT-N2-DMF-guanosine**

• 5'-DMT-DMF-rG

[126922-60-9] C<sub>34</sub>H<sub>36</sub>N<sub>6</sub>O<sub>7</sub> 640.69

ND57510

Price On Application

**5'-DMT-DMF-rG**

see 5'-O-DMT-N2-DMF-guanosine, ND57510 on page 256

**5'-O-DMT-dU**

see 2'-Deoxy-5'-O-DMT-uridine, ND05965 on page 189

**5'-O-DMT-N4-ethylcytidine**C<sub>32</sub>H<sub>35</sub>N<sub>3</sub>O<sub>7</sub> 573.64

ND07079

Price On Application

**DMT-2'-F-Bz-dA**

see N6-Benzoyl-2'-deoxy-5'-O-DMT-2'-fluoroadenosine, NB08366 on page 102

**5'-O-DMT-2'-fluoro-2'-deoxyinosine**C<sub>31</sub>H<sub>29</sub>N<sub>4</sub>O<sub>6</sub> 572.58

ND46158

25mg	\$50.00
50mg	\$90.00
100mg	\$150.00



**5'-O-DMT-2'-fluoro-2'-deoxy-D-uridine**

see 2'-Deoxy-5'-O-DMT-2'-fluorouridine, ND06064 on page 184

**5'-O-DMT-guanosine-(dmf) 3'-succinyl CPG 500 Å (RNA)**

ND11626 1g \$367.50

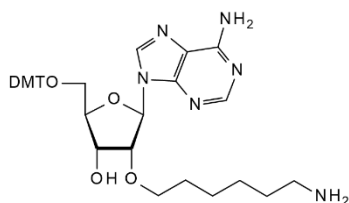
**5'-O-DMT-2'-O-hexylaminoadenosine**

• 2'-O-Hexylamino-5'-O-DMT-adenosine

C<sub>37</sub>H<sub>44</sub>N<sub>6</sub>O<sub>5</sub> 668.8

50mg	\$84.00
100mg	\$158.00
250mg	\$262.50

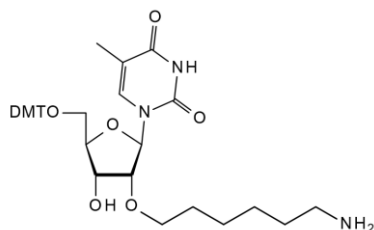
ND08516

**5'-O-DMT-2'-O-hexylamino-5-methyluridine**

C<sub>37</sub>H<sub>45</sub>N<sub>3</sub>O<sub>8</sub> 659.79

25mg	\$115.50
50mg	\$210.00
100mg	\$315.00

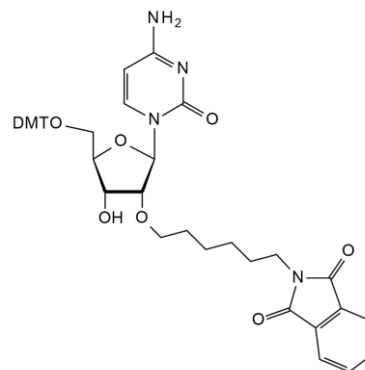
ND08520

**5'-O-DMT-2'-O-hexylphthalimidocytidine**

C<sub>44</sub>H<sub>46</sub>N<sub>4</sub>O<sub>9</sub> 774.28

2mg	\$42.00
5mg	\$63.00
10mg	\$84.00

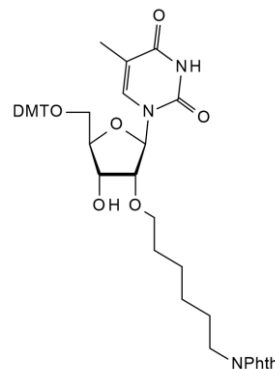
ND08414

**5'-O-DMT-2'-O-hexylphthalimido-5-methyluridine**

C<sub>45</sub>H<sub>47</sub>N<sub>3</sub>O<sub>10</sub> 789.89

25mg	\$84.00
50mg	\$157.50
100mg	\$263.00

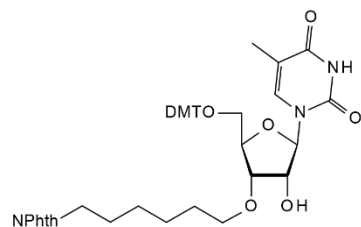
ND08519



**DMThexylphth****5'-O-DMT-3'-O-hexylphthalimido-5-methyluridine**C<sub>45</sub>H<sub>47</sub>N<sub>5</sub>O<sub>10</sub> 789.89

ND08517

2mg	\$84.00
5mg	\$157.50
10mg	\$262.50

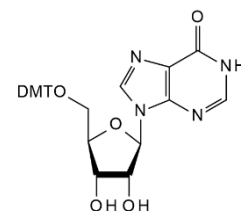
**5'-O-DMT-inosine**

• 5'-DMT-ri

C<sub>31</sub>H<sub>30</sub>N<sub>4</sub>O<sub>7</sub> 570.59

ND57511

Price On Application

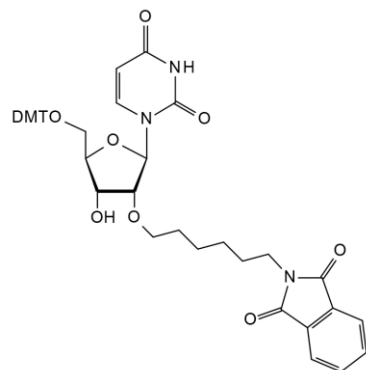


D

**5'-O-DMT-2'-O-hexylphthalimidouridine**C<sub>44</sub>H<sub>45</sub>N<sub>5</sub>O<sub>10</sub> 775.86

ND08415

1mg	\$31.50
5mg	\$63.00
10mg	\$84.00

**5'-O-DMT-5-iodouridine**

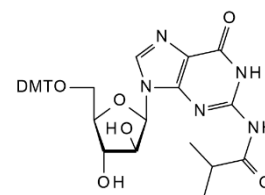
ND15547

Price On Application

**5'-O-DMT-N2-isobutyryl-9-(b-D-arabinofuranosyl)guanine**C<sub>35</sub>H<sub>37</sub>N<sub>5</sub>O<sub>8</sub> 655.71

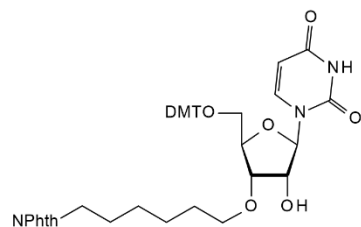
ND08422

1mg	\$42.00
2mg	\$63.00
5mg	\$94.50

**5'-O-DMT-3'-O-hexylphthalimidouridine**C<sub>44</sub>H<sub>45</sub>N<sub>5</sub>O<sub>10</sub> 775.86

ND08518

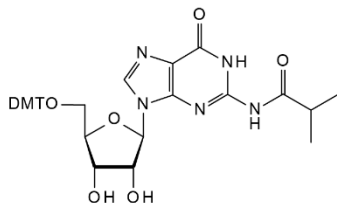
10mg	\$84.00
25mg	\$157.50
50mg	\$262.50



**5'-O-DMT-N2-isobutyrylguanosine**C<sub>38</sub>H<sub>37</sub>N<sub>5</sub>O<sub>8</sub> 655.7

ND10362

2g	\$90.00
5g	\$125.00
10g	\$195.00

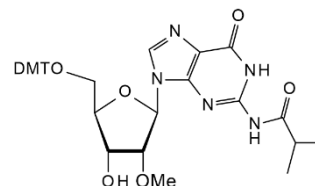
**5'-O-DMT-N2-isobutyryl-2'-O-methylguanosine**

• N2-Isobutyryl-5'-O-DMT-2'-O-methyl-D-guanosine

[114745-26-5] C<sub>38</sub>H<sub>39</sub>N<sub>5</sub>O<sub>8</sub> 669.74

ND03004

500mg	\$60.00
1g	\$105.00
2g	\$190.00

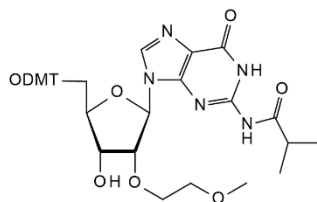
**5'-O-DMT-N2-isobutyryl-2'-O-(2-methoxyethyl)guanosine**

• 5'-O-[Bis(4-methoxyphenyl)phenylmethyl]-2'-O-(2-methoxyethyl)-N-(2-methyl-1-oxopropyl)guanosine

[251647-50-4] C<sub>38</sub>H<sub>43</sub>N<sub>5</sub>O<sub>9</sub> 713.78

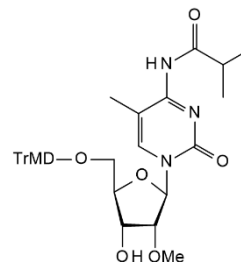
ND31620

Price On Application

**5'-O-DMT-N4-isobutyryl-2'-O-methyl-5-methylcytidine**C<sub>38</sub>H<sub>41</sub>N<sub>3</sub>O<sub>8</sub> 643.73

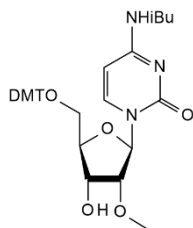
ND58235

5g	\$2475.00
10g	\$4500.00
25g	\$7500.00

**5'-O-DMT-N4-isobutyryl-2'-O-methylcytidine**• DMT-NiBu-2'-O-methylcytidine  
• 5'-O-(4,4'-Dimethoxytrityl)-N4-isobutyryl-2'-O-methylcytidineC<sub>35</sub>H<sub>39</sub>N<sub>3</sub>O<sub>8</sub> 629.7

ND57358

Price On Application

**DMT-T-Icaa-CPG**

see 5'-O-(4,4'-Dimethoxytrityl)thymidine-3'-Icaa-CPG, ND57352 on page 250

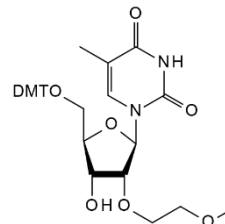
**5'-O-DMT-2'-O-(2-methoxyethyl)-5-methyluridine**

• 5'-O-DMT-2'-O-MOE-5-methyluridine

[163759-50-0] C<sub>34</sub>H<sub>38</sub>N<sub>2</sub>O<sub>9</sub> 618.67

ND36302

500mg	\$140.00
1g	\$250.00
2g	\$425.00



**DMTmethoxyet****5'-O-DMT-2'-O-(2-methoxyethyl)uridine**[251647-51-5] C<sub>33</sub>H<sub>36</sub>N<sub>2</sub>O<sub>9</sub> 604.65

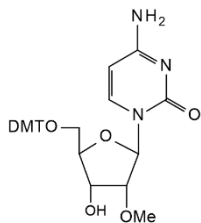
ND76851

Price On Application

**5'-O-DMT-2'-O-methylcytidine**C<sub>31</sub>H<sub>33</sub>N<sub>3</sub>O<sub>7</sub> 559.62

ND08418

500mg	\$45.00
1g	\$75.00
2g	\$140.00

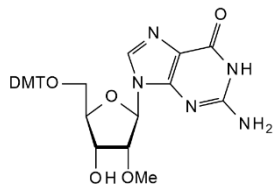
**5'-O-DMT-2'-O-methylguanosine**

- 2'-O-Methyl-5'-O-DMT-D-guanosine
- 5'-O-Dimethoxytrityl-2'-O-methylguanosine

[103285-24-1] C<sub>32</sub>H<sub>33</sub>N<sub>5</sub>O<sub>7</sub> 599.65

ND08420

50mg	\$47.50
100mg	\$90.00
250mg	\$147.50

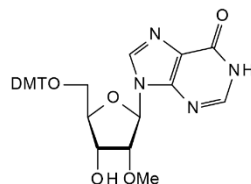
**5'-O-DMT-2'-O-methylinosine**

- 5'-O-Dimethoxytrityl-2'-O-methylinosine

[128219-84-1] C<sub>32</sub>H<sub>32</sub>N<sub>4</sub>O<sub>7</sub> 584.63

ND08419

50mg	\$47.50
100mg	\$74.00
250mg	\$132.50

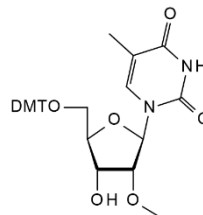
**5'-O-DMT-2'-O-methyl-5-methyluridine**

- 2'-O-Methyl-5'-O-DMT-5-methyluridine

[153631-19-7] C<sub>32</sub>H<sub>34</sub>N<sub>2</sub>O<sub>8</sub> 574.64

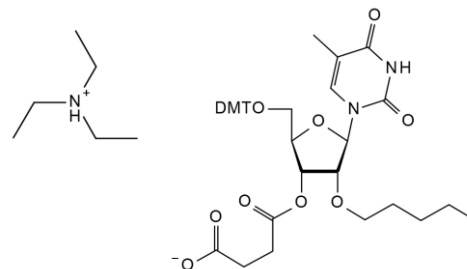
ND08567

250mg	\$197.50
500mg	\$315.00
1g	\$472.50

**5'-O-DMT-5-methyl-2'-O-pentyluridine 3'-O succinate triethylammonium salt**C<sub>40</sub>H<sub>45</sub>N<sub>2</sub>O<sub>11</sub>·C<sub>6</sub>H<sub>15</sub>N 832.01

ND08570

50mg	\$118.50
100mg	\$210.00
250mg	\$420.00

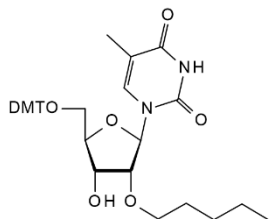




**5'-O-DMT-5-methyl-2'-O-pentyluridine**C<sub>36</sub>H<sub>42</sub>N<sub>2</sub>O<sub>8</sub> 630.74

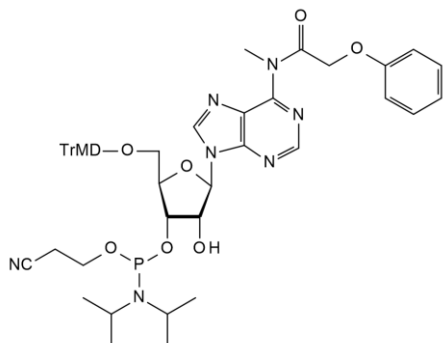
ND08569

50mg	\$157.50
100mg	\$263.00
250mg	\$472.50

**5'-O-DMT-N6-methyl-N6-phenoxyacetyladenosine 3'-CE phosphoramidite**C<sub>49</sub>H<sub>56</sub>N<sub>7</sub>O<sub>5</sub>P 917.98

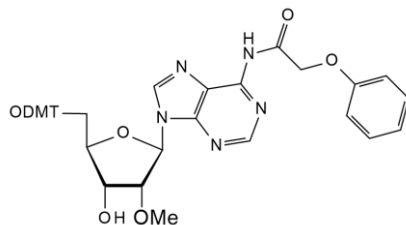
ND64692

Price On Application

**5'-O-DMT-2'-O-methyl-N6-phenoxyacetyladenosine**[128219-81-8] C<sub>38</sub>H<sub>37</sub>N<sub>5</sub>O<sub>8</sub> 703.76

ND04071

100mg	\$65.00
250mg	\$100.00
500mg	\$160.00

**5'-O-DMT-2'-O-methyl-N6-phenoxyacetyladenosine**

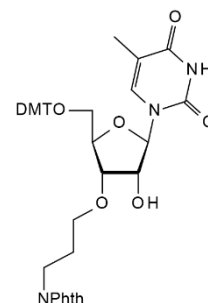
ND145912

100mg	\$50.00
250mg	\$115.00
500mg	\$215.00

**5'-O-DMT-5-methyl-3'-O-propylphthalimidouridine**C<sub>42</sub>H<sub>41</sub>N<sub>3</sub>O<sub>10</sub> 747.81

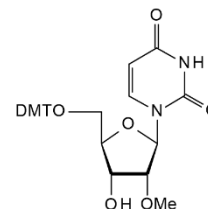
ND08586

50mg	\$131.50
100mg	\$210.00
250mg	\$420.00

**5'-O-DMT-2'-O-methyluridine**[103285-22-9] C<sub>31</sub>H<sub>32</sub>N<sub>2</sub>O<sub>8</sub> 560.61

ND03001

1g	\$65.00
2g	\$105.00
5g	\$210.00

**5'-O-DMT-5-methyluridine**

ND146114

1g	\$50.00
2g	\$92.00
5g	\$210.00



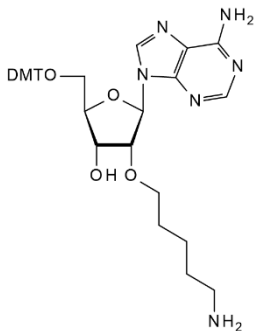
**DMTMOEBz****5'-O-DMT-2'-MOE-C(Bz)**see *N4-Benzoyl-5'-O-DMT-2'-O-(2-methoxyethyl)cytidine*, NB36301 on page 108**DMT-2'-O-MOE-C(Bz)**see *N4-Benzoyl-5'-O-DMT-2'-O-(2-Methoxyethyl)-5-methylcytidine*, NB36300 on page 108**5'-O-DMT-2'-O-MOE-5-methyluridine**see *5'-O-DMT-2'-O-(2-methoxyethyl)-5-methyluridine*, ND36302 on page 259**5'-DMT-NBz-5-Methyl dC**see *5'-O-(4,4'-Dimethoxytrityl)-N4-benzoyl-5-methyl-2'-deoxycytidine*, ND57348 on page 249**DMT-NiBu-2'-O-methylcytidine**see *5'-O-DMT-N4-isobutryl-2'-O-methylcytidine*, ND57358 on page 259**5'-O-DMT-2'-O-pentylaminoadenosine**

• 2'-O-Pentylamino-5'-O-DMT-adenosine

C<sub>26</sub>H<sub>42</sub>N<sub>6</sub>O<sub>6</sub> 654.77

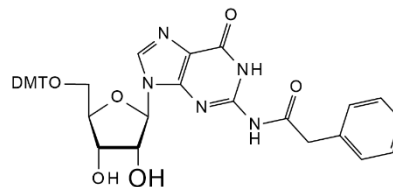
ND08568

250mg	\$210.00
500mg	\$315.00
1g	\$472.50

**5'-O-DMT-N2-phenylacetylguanosine**[172965-92-3] C<sub>39</sub>H<sub>37</sub>N<sub>5</sub>O<sub>8</sub> 703.76

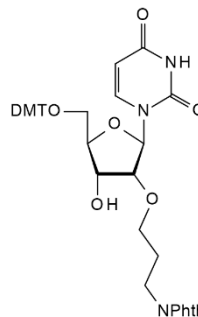
ND08925

1g	\$273.00
2g	\$504.00
5g	\$1181.30

**5'-O-DMT-2'-O-propylphthalimidouridine**C<sub>41</sub>H<sub>39</sub>N<sub>3</sub>O<sub>10</sub> 733.78

ND08421

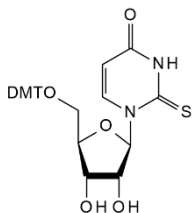
100mg	\$263.00
250mg	\$552.50
500mg	\$1000.00

**5'-DMT-rl**see *5'-O-DMT-inosine*, ND57511 on page 258**5'-DMT-3'-TBDMS-N4-Ac-rC**see *N4-Acetyl-3'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine*, NA15518 on page 12**5'-DMT-3'-TBDMS-Bz-rC**see *N4-Benzoyl-3'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine*, NB33745 on page 96**5'-DMT-3'-TBDMS-ibu-rG**see *3'-O-tert-Butyldimethylsilyl-5'-O-DMT-N2-isobutrylguanosine*, NB33744 on page 131

**5'-O-DMT-2-thiouridine**C<sub>30</sub>H<sub>30</sub>N<sub>2</sub>O<sub>7</sub>S 562.63

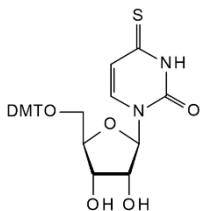
ND29354

Price On Application

**5'-O-DMT-4-thiouridine**C<sub>30</sub>H<sub>30</sub>N<sub>2</sub>O<sub>7</sub>S 562.64

ND08429

10mg	\$36.80
25mg	\$66.00
50mg	\$118.50

**5-O-DMT-thymidine 3'-H phosphonate triethylammonium salt**C<sub>37</sub>H<sub>48</sub>N<sub>3</sub>O<sub>9</sub>P 709.77

ND11646

250mg	\$105.00
500mg	\$160.00

**5'-O-DMT-thymidine 3'-Q Linker CPG 1000 Å**

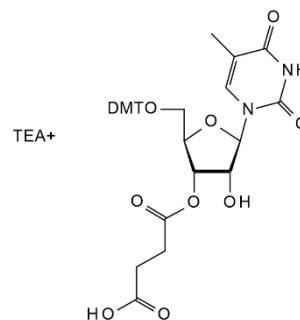
ND11611

250mg	\$62.50
500mg	\$100.00
1g	\$157.50

**5'-O-DMT-thymidine 3'-O-succinate triethylammonium salt**[74405-40-6] C<sub>35</sub>H<sub>38</sub>N<sub>2</sub>O<sub>11</sub>·C<sub>6</sub>H<sub>15</sub>N 745.88

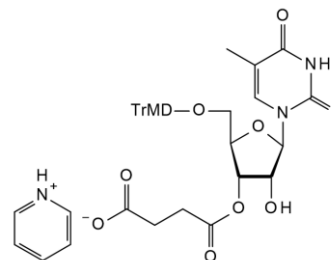
ND08490

1g	\$52.00
2g	\$100.00
5g	\$235.00

**5'-O-DMT-thymidine 3'-O-succinic acid Pyridinium salt**[1268342-01-3 (free acid)] C<sub>35</sub>H<sub>35</sub>N<sub>2</sub>O<sub>11</sub>·C<sub>5</sub>H<sub>5</sub>N 738.76

ND59759

2g	\$105.30
5g	\$202.50
10g	\$344.00

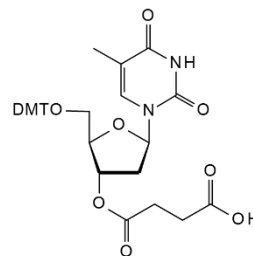
**5'-O-DMT-thymidine-3'-O-succinic acid**

• 5'-O-(4,4'-Dimethoxytrityl)-thymidine-3'-O-succinic acid

[74405-40-6] C<sub>35</sub>H<sub>38</sub>N<sub>2</sub>O<sub>10</sub> 644.67

ND10585

Price On Application



**DMTthymidine****3'-O-DMT-thymidine 3'-succinyl CPG 1000 Å**

ND11618	250mg	\$60.00
	500mg	\$100.00
	1g	\$157.50

**3'-O-DMT-thymidine 3'-succinyl CPG 500 Å**

ND11630	1g	\$157.50
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**5'-O-DMT-thymidine-3'-succinyl CPG 1400 Å**

ND11604	1g	\$126.00
	5g	\$315.00
	10g	\$525.00

**5'-O-DMT-thymidine-3'-succinyl CPG 2000 Å**

ND11610	1g	\$157.50
	5g	\$472.50
	10g	\$840.00

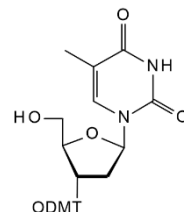
**5'-O-DMT-thymidine 3'-succinyl CPG 500 Å**

ND11614	500mg	\$85.00
	1g	\$126.00
	2g	\$200.00

**3'-O-DMT-thymidine**C<sub>31</sub>H<sub>32</sub>N<sub>2</sub>O<sub>7</sub> 544.6

ND06918

25mg	\$50.00
50mg	\$85.00
100mg	\$140.00

**5'-O-DMT-a-thymidine**

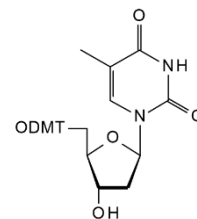
ND146115

100mg	\$50.00
250mg	\$95.00
500mg	\$150.00

**5'-O-DMT-thymidine**[40615-39-2] C<sub>31</sub>H<sub>32</sub>N<sub>2</sub>O<sub>7</sub> 544.6

ND03361

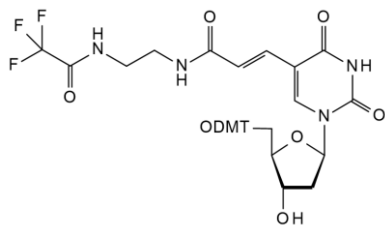
10g	\$40.00
25g	\$75.00
50g	\$140.00



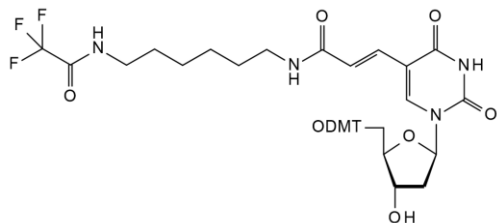
Refs: Abdel-Rahman A A-H, Ali OM, Pedersen EB, Tetrahedron, 1996, 52, 48, p15311

**5'-O-DMT-5-[N-(2-(trifluoroacetamido)ethyl)-3-E-acrylamido]-2'-deoxyuridine**[153512-23-3] C<sub>37</sub>H<sub>37</sub>F<sub>3</sub>N<sub>4</sub>O<sub>8</sub> 738.74

ND08236	50mg	\$89.50
	100mg	\$158.00
	250mg	\$262.50

**5'-O-DMT-5-[N-(6-(trifluoroacetamido)hexyl)-3-E-acrylamido]-2'-deoxyuridine**[252337-59-0] C<sub>41</sub>H<sub>45</sub>F<sub>3</sub>N<sub>4</sub>O<sub>8</sub> 794.83

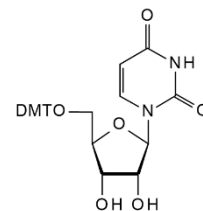
ND08237	50mg	\$89.50
	100mg	\$168.00
	250mg	\$387.50

**5'-O-DMT-uridine 3'-succinyl CPG 1000 Å (RNA)**

ND11625	1g	\$367.50
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**5'-O-DMT-uridine**[81246-79-9] C<sub>30</sub>H<sub>30</sub>N<sub>2</sub>O<sub>8</sub> 546.58

ND08927	5g	\$60.00
	10g	\$100.00
	25g	\$180.00

**1-(5'-O-DMT-b-D-xylofuranosyl)thymine**

ND145596

Price On Application

**DNA-Na**

see Deoxyribonucleic acid sodium salt - (Salmon), ND10028 on page 221

**DNA**

see Deoxyribonucleic acid low molecular weight from salmon sperm, ND35412 on page 221

**dNTP bundle - 4 x 100mM aqueous solution**

[1927-31-7][109909-44-6][2564-35-4][3624-46-2]

ND46294	0.8ml	\$64.00
	4ml	\$250.00



**DNTPremixes****dNTP pre-mixes - 10 mmol solution**

[1927-31-7][109909-44-6][2564-35-4][3624-46-2]

ND46295

1ml

\$113.00

**dNTP pre-mixes - 25mM aqueous solution**

[1927-31-7][109909-44-6][2564-35-4][3624-46-2]

ND46296

0.2ml  
1ml\$55.00  
\$220.00**n-Dodecanoyl coenzyme A**see *Lauroyl coenzyme A*, [NL47197 on page 302](#)**Doxifluridine**see *5'-Deoxy-5-fluorouridine*, [ND02968 on page 204](#)**dTDP-a-glc-Na2**see *Thymidine-5'-diphosphate-a-D-glucose disodium salt*, [NT46685 on page 363](#)**dTDP-L-rhamnose**see *Thymidine-5'-diphosphate-L-rhamnose disodium salt*, [NT29845 on page 363](#)**dTTP.Li**see *Thymidine 5'-triphosphate lithium salt - 100mM aqueous solution*, [ND46293 on page 364](#)**5'-DTTP Na3**[27821-54-1] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub>Na<sub>3</sub> 548.11

ND02976

Price On Application

**dTTP.Na**see *Thymidine-5'-triphosphate sodium salt - 100mM aqueous solution*, [NT10135 on page 365](#)**dTTP**see *3'-Deoxythymidine-5'-triphosphate lithium salt - 100mM aqueous solution*, [ND32064 on page 222](#)**dUDP.NEt3**see *2'-Deoxyuridine-5'-diphosphate triethylammonium salt - 10 mM aqueous solution*, [ND11202 on page 223](#)**5'-dUMP Na2**see *2'-Deoxyuridine-5'-monophosphate disodium salt*, [ND02992 on page 224](#)**dUpCpp**see *2'-Deoxyuridine-5'-[(a,b)-methylene]triphosphate sodium salt - 10 mM aqueous solution*, [ND45198 on page 224](#)**dUpCp**see *2'-Deoxyuridine-5'-[(a,b)-methylene]diphosphate sodium salt - 10mM aqueous solution*, [ND45197 on page 224](#)**dUpNHpp**see *2'-Deoxyuridine-5'-[(a,b)-imido]triphosphate sodium salt - 10mM aqueous solution*, [ND45196 on page 224](#)**dUpNHp**see *2'-Deoxyuridine-5'-[(a,b)-imido]diphosphate sodium salt - 10mM aqueous solution*, [ND45195 on page 223](#)**5'dUrd, 5-fluoro-5'-deoxyuridine, 5'-DFUR, doxifluridine**see *5'-Deoxy-5-fluorouridine*, [ND02968 on page 204](#)**dUTP sodium salt**see *2'-Deoxyuridine-5'-triphosphate trisodium salt*, [ND08736 on page 224](#)**Edoxudine**see *2'-Deoxy-5-ethyluridine*, [ND08006 on page 190](#)**EFdA**see *2'-Deoxy-4'-ethynyl-2-fluoroadenosine*, [ND45638 on page 190](#)

**Emtricitabine**see *Coviracil*, NC05645 on page 155**Emtricitabine-d2,15N** $C_8H_8D_2FN_2^{15}NO_3S$  250.25

NE153331

Price On Application

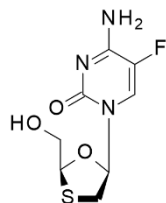
**(+)-Emtricitabine**

- 4-Amino-5-fluoro-1-[(2S,5R)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone
- Racivir

[137530-41-7]  $C_8H_{10}FN_3O_3S$  247.25

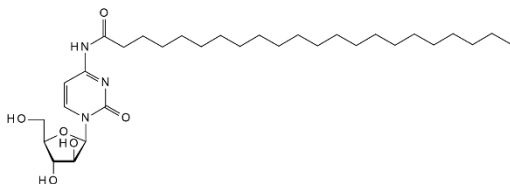
NE16704

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

Refs: Mellors, J, et al, *Science*, 72, 1167**Encicitabine**[5726-47-1]  $C_{31}H_{55}N_3O_6$  565.8

NE05152

5mg	\$60.00
10mg	\$90.00
25mg	\$160.00

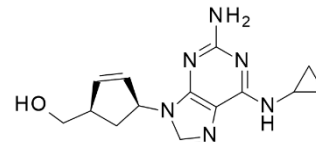
Refs: Aoshima M, et al, *Cancer Res.* 1976, 36, 2726; Akiyama M, et al, *Chem. Pharm. Bull.* 1978, 26, 981**ent-abacavir**

- (1R,4S)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol
- (1R-cis)-4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol
- (1R,4S)-Abacavir

[136470-79-6]  $C_{14}H_{18}N_6O$  286.33

NE16540

2mg	\$174.90
5mg	\$318.00
10mg	\$578.20

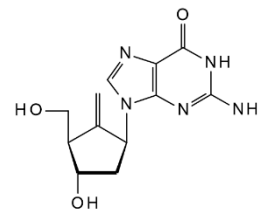
Refs: Hanumegowda, U, et al, *Chem. Res. Toxicol.*, 23, 749 (2010); Prasse, C, et al, *Environ. Sci. Technol.*, 44, 1728 (2010)**Entecavir hydrate**

- 2-Amino-9-[4-hydroxy-3-(hydroxymethyl)-2-methylidene-cyclopentyl]-3H-purin-6-one
- Baraclude

[142217-69-4][209216-23-9]  $C_{12}H_{15}N_5O_3 \cdot xH_2O$  277.28 (anhydrous basis)

NE10532

50mg	\$30.00
100mg	\$50.00
200mg	\$80.00

**Entecavir Intermediate IV**

see (1S,2S,3S,5S)-5-(2-Amino-6-(benzyloxy)-9H-purin-9-yl)-3-(benzyloxy)-2-(benzyloxymethyl)cyclopentanol, NA32025 on page 38

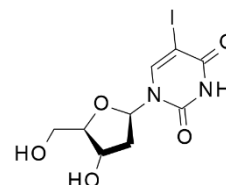
**ent-idoxuridine**

- 1-(2-Deoxy-b-L-erythro-pentofuranosyl)-5-iodo-2,4(1H,3H)-pyrimidinedione
- 2'-Deoxy-L-5-iodouridine
- 5-Iodo-2'-deoxy-L-uridine

[162239-35-2]  $C_9H_{11}IN_2O_5$  354.1

NE16541

2mg	\$139.90
5mg	\$254.40
10mg	\$462.50

Refs: Chang, C, et al, *J. Biol. Chem.*, 267, 22414 (1992); Pressacco, J, et al, *Cancer Res.*, 54, 3772 (1994)

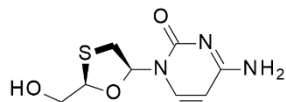
**EntLamivudin****ent-Lamivudine**

- 4-Amino-1-[(2S,5R)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone
- (2S-cis)-4-Amino-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone
- (+)-BCH 189

[134680-32-3] C<sub>8</sub>H<sub>11</sub>N<sub>3</sub>O<sub>3</sub>S 229.26

NE22686

1mg	\$230.00
2mg	\$440.00
5mg	\$950.00



Refs: Pepe, G. et al, Eur. J. Med. Chem, 31, 775 (1996); Marr, E. et al, Antiviral Res, 28, 1 (1995); Parikh, U.M. et al, Antimicrob. Agents Chemother, 49, 1139 (2005)

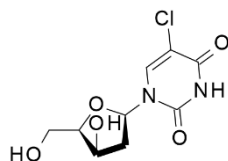
**3'-epi-5-chloro-2'-deoxyuridine**

- 5-Chloro-1-(2-deoxy-b-D-threo-pentofuranosyl)-2,4(1H,3H)-pyrimidinedione

[188559-94-6] C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>5</sub> 262.65

NE16712

2mg	\$174.90
5mg	\$318.00
10mg	\$578.20



Refs: Brammer, K. et al, Biochim. Biophys. Acta, 72, 217 (1963); Uesugi, S. et al, Chem. Pharm. Bull, 26, 3040 (1978)

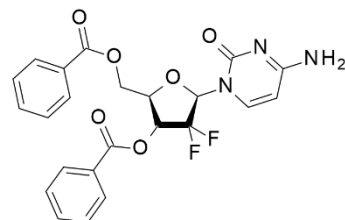
**1'-Epi gemcitabine 3',5'-dibenzoate**

- 4-Amino-1-(3,5-di-O-benzoyl-2-deoxy-2,2-difluoro-a-D-erythro-pentofuranosyl)-2(1H)-pyrimidinone

[134790-40-2] C<sub>23</sub>H<sub>19</sub>F<sub>2</sub>N<sub>3</sub>O<sub>6</sub> 471.41

NE16710

5mg	\$109.90
10mg	\$199.90
25mg	\$363.50



Refs: Hertel, L.W. et al, Cancer Res, 50, 4417 (1990); Abbruzzese, J.L. et al, J. Clin. Oncol, 9, 491 (1991); Ruiz, V.W.T. et al, Biochem. Pharmacol, 46, 762 (1993)

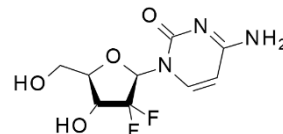
**3'-Epi gemcitabine**

- 4-Amino-1-(deoxy-2,2-difluoro-D-threo-pentofuranosyl)-2(1H)-pyrimidinone
- Gemcitabine impurity

[103882-85-5] C<sub>9</sub>H<sub>11</sub>F<sub>2</sub>N<sub>3</sub>O<sub>4</sub> 263.2

NE22706

1mg	\$825.90
2mg	\$1501.50
5mg	\$2730.00



Refs: Hausman, et al, Science, 145, 585 (1964); Prusoff, et al, Biochim. Biophys. Acta, 32, 295 (1959)

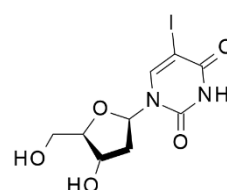
**3'-epi-idoxuridine**

- 1-(2-Deoxy-b-D-threo-pentofuranosyl)-5-iodo-2,4(1H,3H)-pyrimidinedione
- 1-(2-Deoxy-b-D-threo-pentofuranosyl)-5-iodouracil

[93780-25-7] C<sub>9</sub>H<sub>11</sub>IN<sub>2</sub>O<sub>5</sub> 354.1

NE16543

2mg	\$139.90
5mg	\$254.40
10mg	\$462.50



Refs: Chang, C. et al, J. Biol. Chem, 267, 22414 (1992); Pressacco, J. et al, Cancer Res, 54, 3772 (1994)

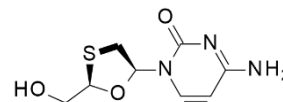
**2'-Epi-lamivudine**

- 4-Amino-1-[(2S,5S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone
- (2S-trans)-4-Amino-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone
- trans(-)-2-Hydroxymethyl-5-(cytosin-1-yl)-1,3-oxathiolane

[136846-20-3] C<sub>8</sub>H<sub>11</sub>N<sub>3</sub>O<sub>3</sub>S 229.26

NE22731

5mg	\$174.90
10mg	\$318.00
25mg	\$578.50



Refs: Lin, T. et al, J. Med. Chem, 39, 1757 (1996); Schinazi, R.F. et al, Antimicrob. Agents Chemother, 36, 672 (1992)

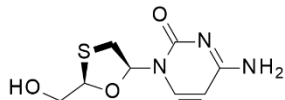


**5'-Epi lamivudine**

- (2R-trans)-4-Amino-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone
- 4-Amino-1-[(2R,5R)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone

[139757-68-9] C<sub>9</sub>H<sub>11</sub>N<sub>3</sub>O<sub>3</sub>S 229.26

NE22708	1mg	\$275.00
	2mg	\$500.00
	5mg	\$925.00



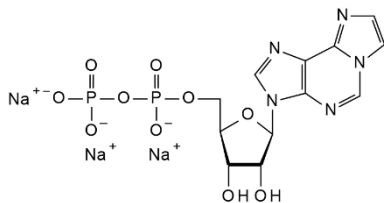
Refs: Chang, C, et al, J. Biol. Chem, 267, 13938 (1992)

**1,N6-Ethenoadenosine-5'-diphosphate, Sodium salt**

- Etheno-ADP

[103213-52-1 (disodium salt)] C<sub>12</sub>H<sub>15</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub> 451.22 (free acid)

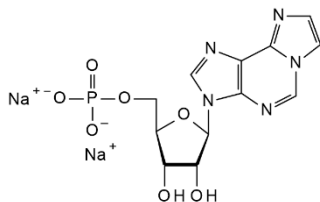
NE29590	2mg	\$163.00
	5mg	\$350.00
	10mg	\$598.00

**1,N6-Ethenoadenosine-5'-monophosphate sodium salt**

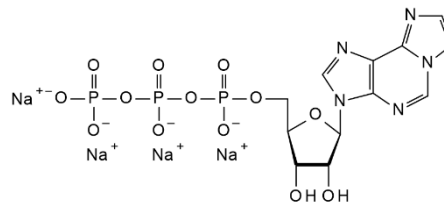
- Etheno-AMP

[103213-41-8 (monosodium salt)] C<sub>12</sub>H<sub>14</sub>N<sub>5</sub>O<sub>7</sub>P 371.24 (free acid)

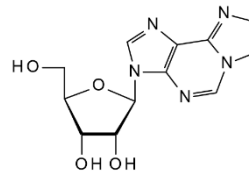
NE29589	5mg	\$275.00
	10mg	\$480.00
	25mg	\$1050.00

**1,N6-Ethenoadenosine-5'-triphosphate sodium salt - 10mM aqueous solution**[60777-99-3 (disodium salt)] C<sub>12</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 531.20 (free acid) 10mg \$367.50

NE29591

**N6-Ethenoadenosine**[39007-51-7] C<sub>12</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> 291.26

NE01669	25mg	\$79.00
	50mg	\$144.50
	100mg	\$263.00



Refs: Nakayama H, Yamaga T, Biophysical Chem, 1998 75, 1, p1

; Srivastava et al, Nucl. Acids Res, 1994, 22, p1296; Miura et al, Anal. Biochem, 1991, 196, p84; Scheller, Sigel, J. Am. Chem, 1983, 105, p3005

**Etheno-ADP**

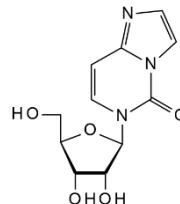
see 1,N6-Ethenoadenosine-5'-diphosphate, Sodium salt, NE29590 on page 269

**Etheno-AMP**

see 1,N6-Ethenoadenosine-5'-monophosphate sodium salt, NE29589 on page 269

**N4-Ethenocytidine**C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 267.24

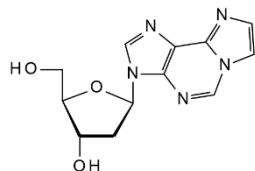
NE06244	25mg	\$84.00
	50mg	\$136.50
	100mg	\$210.00



**Ethenodeoxya****N6-Etheno 2'-deoxyadenosine**[68498-25-9] C<sub>12</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub> 275.26

NE06241

5mg	\$63.00
10mg	\$94.50
25mg	\$157.50

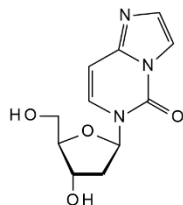


Refs: Srivastava et.al, Nucl. Acids Res, 1994, 22, p1296

**N4-Etheno 2'-deoxycytidine**C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub> 251.24

NE04078

25mg	\$79.00
50mg	\$105.00
100mg	\$158.00

**1,N6-Ethenonicotinamide adenine dinucleotide**

see Nicotinamide 1,N6-ethenoadenine dinucleotide, NN26196 on page 334

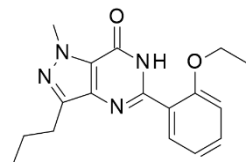
**5-(2-Ethoxyphenyl)-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one**

- UK 088800
- Imidazosagatriazinone

[139756-21-1] C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub> 312.37

NE16544

500mg	\$130.00
1g	\$227.20
2g	\$413.00

**Ethyl 2-amino-4-methylpyrimidine-5-carboxylate**

[81633-29-6] 181.19

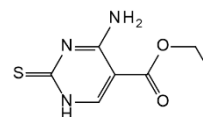
NE57416

2g	\$63.30
5g	\$176.60
10g	\$282.50

**Ethyl 6-amino-2-thioxo-1,2-dihydropyrimidine-5-carboxylate**

NE44318

Price On Application

**Ethyl 2-amino-4-(trifluoromethyl)pyrimidine-5-carboxylate**[149771-09-5] C<sub>8</sub>H<sub>8</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub> 235.16

NE57446

2g	\$70.70
5g	\$176.60
10g	\$282.50

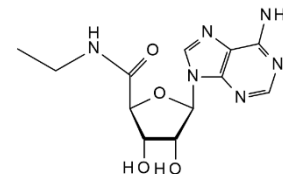
**5'-Ethylcarboxamidoadenosine**

- 1-(6-Amino-9H-purin-9-yl)-1-deoxy-N-ethyl-D-ribofuranuronamide
- NECA

[35920-39-9] C<sub>12</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub> 308.29

NE06155

10mg	\$45.00
25mg	\$87.50
50mg	\$160.00



Refs: Cusack, Hounani, Br. J. Pharmacol. 1981, 72, p433; Knapp, et al, Pharmacol. Biochem. Behav. 2001, 68, p797

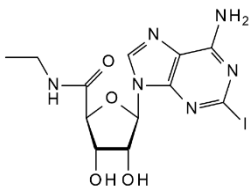
**5'-Ethylcarboxamido-2-iodoadenosine**

• 2-Iodo-NECA

[141018-29-3] C<sub>12</sub>H<sub>15</sub>N<sub>6</sub>O<sub>4</sub> 434.19

NE06317

1mg	\$80.00
2mg	\$120.00
5mg	\$240.00



Refs: Reiger JM, et al, J. Med. Chem. 2001, 44, p531

**5'-Ethylcarboxamido-2-iodo-2',3'-O-isopropylideneadenosine**

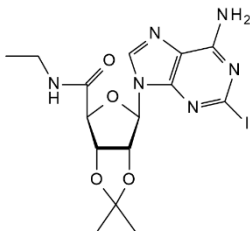
• 1-(6-Amino-2-iodo-9H-purin-9-yl)-1-deoxy-N-ethyl-2,3-O-(1-methylethylidene)-b-D-ribofuranuronamide

• 2-Iodo-Isopropylidene-NECA

[162936-24-5] C<sub>15</sub>H<sub>19</sub>N<sub>6</sub>O<sub>4</sub> 474.26

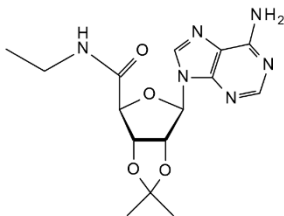
NE03797

5mg	\$125.00
10mg	\$230.00
25mg	\$525.00

**5'-Ethylcarboxamido-2',3'-O-isopropylideneadenosine**[39491-53-7] C<sub>15</sub>H<sub>20</sub>N<sub>6</sub>O<sub>4</sub> 348.36

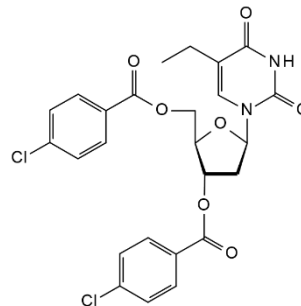
NE07208

25mg	\$89.50
50mg	\$168.00
100mg	\$315.00

**5-Ethyl-3',5'-bis-(p-chlorobenzoyl)-2'-deoxyuridine**[25137-84-2] C<sub>25</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>7</sub> 533.36

NE06039

Price On Application

**Ethyl 2-chloro-4-methylpyrimidine-5-carboxylate**

• 2-Chloro-5-(ethoxycarbonyl)-4-methylpyrimidine

[188781-08-0] C<sub>8</sub>H<sub>9</sub>ClN<sub>2</sub>O<sub>2</sub> 200.62

NE57420

50mg	\$79.00
100mg	\$126.00
250mg	\$157.50

**Ethyl 2-chloro-4-(trifluoromethyl)pyrimidine-5-carboxylate**

[187035-79-6] 254.59

NE57448

2g	\$60.00
5g	\$134.80
10g	\$215.60

**Ethyl-2,4-diamino-pyrimidine-5-carboxylate**[15400-54-1] C<sub>7</sub>H<sub>10</sub>N<sub>4</sub>O<sub>2</sub> 182.18

NE57380

250mg	\$70.00
500mg	\$110.00
1g	\$320.80



## Ethylhydroxy

## Ethyl 2-hydroxy-4-(trifluoromethyl)pyrimidine-5-carboxylate

• 2-Hydroxy-4-trifluoromethyl-pyrimidine-5-carboxylic acid ethyl ester

[154934-97-1] 236.15

NE57399

2g	\$60.00
5g	\$111.50
10g	\$178.30



## 2-(Ethylthio)pyrimidine-5-carbaldehyde

[876890-28-7] C<sub>7</sub>H<sub>8</sub>N<sub>2</sub>OS 168.22

NE57431

100mg	\$40.00
250mg	\$72.50
500mg	\$95.00

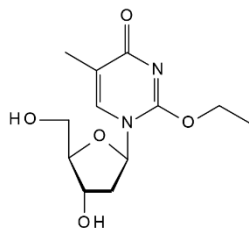


## 2-O-Ethylthymidine

[59495-21-5] C<sub>12</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub> 270.28

NE07197

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



## 5-Ethynyl-2'-deoxyuridine 5'-triphosphate

NE59551

Price On Application



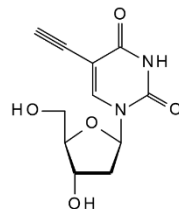
## 5-Ethynyl-2'-deoxyuridine

• 2'-Deoxy-5-ethynyluridine

[61135-33-9] C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 252.23

NE08701

100mg	\$65.00
250mg	\$105.00
500mg	\$160.00



## 5-Ethynyl-2'-O-methyluridine triphosphate

NE63564

Price On Application

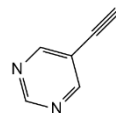


## 5-Ethynylpyrimidine

[153286-94-3]

NE44302

Price On Application

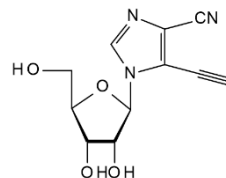


## 5-Ethynyl-1-(β-D-ribofuranosyl)-imidazo-4-carbonitrile

[126004-13-5] C<sub>11</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub> 249.22

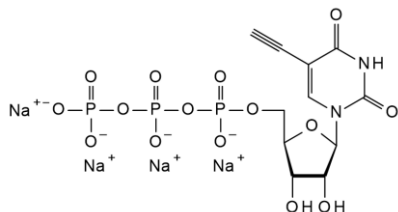
NE07194

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



**5-Ethynyluridine-5'-triphosphate sodium salt - 100mM aqueous solution**

[1004955-96-7 (free acid)] C<sub>11</sub>H<sub>15</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub> 508.16 (free acid)  
 1mg \$750.00  
 NE30545 2.5mg \$1225.00  
 5mg \$2100.00

**5-Ethynyluridine**

• 5-EU

[69075-42-9] C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 268.22  
 50mg \$42.00  
 NE31862 100mg \$63.00  
 250mg \$105.00

**5-EU**see *5-Ethynyluridine*, NE31862 on page 273**FAD-Na2**see *Riboflavin 5'-adenosine diphosphate disodium salt hydrate*, NR35410 on page 350**2'-FANA-A**see *9-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)adenine*, ND09204 on page 192**2'-FANA-DAP**see *2,6-Diamino-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine*, ND09537 on page 230**2'-FANA-G**see *9-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)guanine*, ND08478 on page 193**2'-FANA-C.HCl**see *1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)cytosine HCl*, ND08343 on page 193**2'-FANA-I**see *9-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)hypoxanthine*, ND09525 on page 193**2-F-araA**see *Fludarabine*, NF05140 on page 274**2'-F-dATP.Li**see *2'-Deoxy-2'-fluoroadenosine-5'-triphosphate lithium salt - 100mM aqueous solution*, ND46151 on page 191**2'-FdATP.Na**see *2'-Deoxy-2'-fluoroadenosine-5'-triphosphate sodium salt - 100mM aqueous solution*, ND13493 on page 191**2'-FdATP**see *2'-Deoxy-2'-fluoroadenosine-5'-triphosphate*, ND09532 on page 191**2'F-dCTP.Na**see *2'-Deoxy-2'-fluorocytidine-5'-triphosphate sodium salt - 100mM aqueous solution*, ND157276 on page 195**2'F-dGTP.Na**see *2'-Deoxy-2'-fluoroguanosine-5'-triphosphate sodium salt - 100mM aqueous solution*, ND157277 on page 197**5F-dUDP**see *2'-Deoxy-5-fluorouridine 5'-diphosphate sodium salt*, ND31488 on page 203**5F-dUMP**see *2'-Deoxy-5-fluorouridine 5'-monophosphate sodium salt*, ND15883 on page 203**2'-F-dUTP.Li**see *2'-Deoxy-2'-fluorouridine-5'-triphosphate lithium salt - 100mM aqueous solution*, ND46156 on page 203**2'F-dUTP.Na**see *2'-Deoxy-2'-fluorouridine-5'-triphosphate sodium salt - 100mM aqueous solution*, ND157275 on page 203**5F-dUTP**see *2'-Deoxy-5-fluorouridine-5'-triphosphate sodium salt*, ND31483 on page 203

**FialuridineF****Fialuridine (Firu)**[55612-21-0] C<sub>9</sub>H<sub>10</sub>FIN<sub>2</sub>O<sub>5</sub> 372.09

NF65022

25mg	\$75.00
50mg	\$125.00
100mg	\$225.00

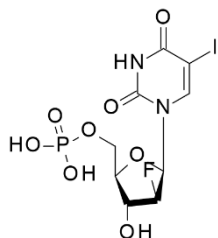
**Fialuridine 5'-monophosphate**

- 1-(2-Deoxy-2-fluoro-5-O-phosphono-b-D-arabinofuranosyl)-5-iodo-2,4(1H,3H)-pyrimidinedione

[99891-31-3] C<sub>9</sub>H<sub>11</sub>FIN<sub>2</sub>O<sub>8</sub>P 452.07

NF16547

25mg	\$1375.00
50mg	\$2250.00
100mg	\$3120.00



Refs: McLaren, C. et al, Int. Cong. Ser, 667, 57 (1985); Lewis, W. et al, Blochem, 33, 14620 (1994)

**Fialuridine**

see 1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)-5-iodouracil, ND08477 on page 194

**Fibrinogen - from bovine plasma**

[9001-32-5]

NF32352

1g	\$180.00
2g	\$300.00
5g	\$600.00

**9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-hypoxanthine**

see 2'-Deoxy-2'-fluorinosine, ND06005 on page 198

**Flavin adenine dinucleotide disodium salt**

see Riboflavin 5'-adenosine diphosphate disodium salt hydrate, NR35410 on page 350

**Floxuridine**

see 2'-Deoxy-5-fluorouridine, ND02921 on page 204

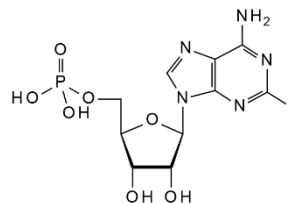
**Fludarabine phosphate**

- 9-b-D-Arabinofuranosyl-2-fluoroadenine 5-phosphate
- 2-Fluoroadenine arabinoside 5-monophosphate

[75607-67-9] C<sub>10</sub>H<sub>13</sub>FN<sub>5</sub>O<sub>7</sub>P 365.21

NF01485

100mg	\$45.00
250mg	\$75.00
500mg	\$125.00

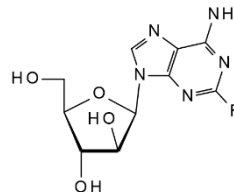
**Fludarabine**

- 2-Fluoro-9-(b-D-arabinofuranosyl)adenine
- 2-F-araA

[21679-14-1] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>4</sub> 285.23

NF05140

50mg	\$47.50
100mg	\$65.00
250mg	\$100.00



Refs: Keating MJ, Kantarjian H, Talpaz M, Redman J, Kollar C, Barlogie B, Velasquez W, Plunkett W, Freireich EJ, McCredie KB, Blood 74, p19; Brockman RW, et al, Biochem. Pharmacol, 1977, 26, p2193; Chun HG, et al, Cancer Treat. Rep, 1986, 70, p1225

**Fluorescein alkynylamino-ATP - 1.0 mM solution**

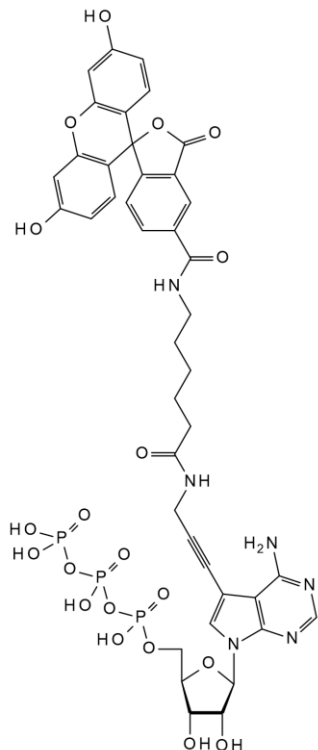
• N-[6-[[3-[4-Amino-7-[5-O-[hydroxy[[hydroxy(phosphonoxy)phosphinyl]oxy]phosphinyl]-b-D-ribofuranosyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-propynyl]amino]-6-oxohexyl]-3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthene]-ar-carboxamide

[185971-89-5] C<sub>41</sub>H<sub>41</sub>N<sub>6</sub>O<sub>20</sub>P<sub>3</sub> 1030.71

NF16725

25ug

\$499.00



Refs: Igloi, G.L., et al, *BioTechniques*, 21, 1084 (1996)

**Fluorescein-5(6)-carboxamidocaproyl-[5(3-aminoallyl)2-deoxyuridine-5-tr**

NF11636

Price On Application

**Fluorescein-5(6)-carboxamidocaproyl-(5-[3-aminoallyl]uridine 5'-triphosphate) - 1 mM aqueous solution**

• Fluorescein-12-UTP

[134367-01-4] C<sub>39</sub>H<sub>41</sub>N<sub>4</sub>O<sub>22</sub>P<sub>3</sub> 1010.68

NF139015

30ug

\$294.00

**Fluorescein-12-UTP**

see *Fluorescein-5(6)-carboxamidocaproyl-(5-[3-aminoallyl]uridine 5'-triphosphate) - 1 mM aqueous solution, NF139015 on page 275*

**2-Fluoroadenine arabinoside 5-monophosphate**

see *Fludarabine phosphate, NF01485 on page 274*

**4'-C-Fluoroadenosine 5'-sulfamate**

• Nucleocidin

[24751-69-7] C<sub>10</sub>H<sub>13</sub>FN<sub>6</sub>O<sub>6</sub>S 364.31

NF76155

Price On Application

**2-Fluoroadenosine 5'-triphosphate**

• 2-Fluoro-ATP

[1492-62-2] C<sub>10</sub>H<sub>13</sub>FN<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 525.17

NF77069

Price On Application



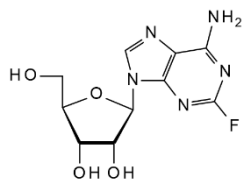
**Fluoroadenosine****2-Fluoroadenosine**

• 6-Amino-2-fluoro-9-(b-D-ribofuranosyl)purine

[146-78-1] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>4</sub> 285.23

NF08852

250mg	\$47.50
500mg	\$80.00
1g	\$131.30

**3'-Fluoroadenosine**

see 3'-Deoxy-3'-fluoroadenosine, ND15616 on page 192

**4'-C-Fluoroadenosine**

[170874-47-2]

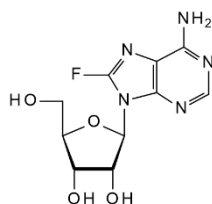
NF76129

Price On Application

**8-Fluoroadenosine**[23205-67-6] C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>4</sub> 285.23

NF10198

Price On Application

**2-Fluoro-9-(b-D-arabinofuranosyl)adenine**

see Fludarabine, NF05140 on page 274

**2'-Fluoro-arabinofuranosyl-2'-deoxy-uridine**

see 1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)uracil, ND06062 on page 194

**2-Fluoro-ATP**

see 2-Fluoroadenosine 5'-triphosphate, NF77069 on page 275

**2-Fluoro-cordycepin**

see 3'-Deoxy-2'-fluoroadenosine, ND29524 on page 192

**2'-Fluoro-cyclic-di-guanylate monophosphate sodium salt**[1334145-18-4] C<sub>20</sub>H<sub>20</sub>F<sub>2</sub>N<sub>10</sub>O<sub>12</sub>P<sub>2</sub>·2Na 738.36

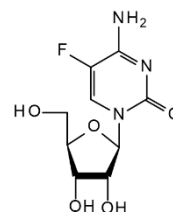
NF137619

1mg \$3250.00

**5-Fluorocytidine**[2341-22-2] C<sub>9</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>5</sub> 261.21

NF04135

5g	\$42.00
10g	\$63.00
25g	\$110.50



Refs: Yasuyuki N, Masanori M, Hiroyuki E, Hiroshi S, Kaori F, Masako I, Isao U, Katuteru Y, Hideo I, Cancer Science 1990, 81, p188

**2'-Fluoro-dCTP**

see 2'-Deoxy-2'-fluorocytidine-5'-triphosphate tetralithium salt, ND09530 on page 195

**2'-Fluoro-2'-deoxy-D-adenosine**

see 2'-Deoxy-2'-fluoroadenosine, ND02827 on page 192

**2'-Fluoro-2'-deoxy-ATP.4Li**

see 2'-Deoxy-2'-fluoroadenosine-5'-triphosphate tetralithium salt, ND15214 on page 191



**2-Fluoro-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)adenine**[134217-15-5] C<sub>10</sub>H<sub>11</sub>F<sub>2</sub>N<sub>5</sub>O<sub>3</sub> 287.22

NF11536

Price On Application

**5-Fluoro-1-(2'-deoxy-2'-fluoro-3',5'-di-O-benzoyl-b-L-arabinofuranosyl)-uracil**

[178687-87-1]

NF58423

500mg \$65.00  
1g \$106.68**5-Fluoro-1-(2'-deoxy-2'-fluoro-5'-O-trityl-b-L-lyxofuranosyl)-uracil**

NF58424

25mg \$146.50  
50mg \$234.50  
100mg \$375.00**2'-Fluoro-2'-deoxy-D-guanosine**

see 2'-Deoxy-2'-fluoroguanosine, ND02828 on page 197

**2'-Fluoro-2'-deoxy-D-inosine**

see 2'-Deoxy-2'-fluorinosine, ND06005 on page 198

**9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-adenine**

see 2'-Deoxy-2'-fluoroadenosine, ND02827 on page 192

**9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-2,6-diaminopurine**

see 2'-Deoxy-2'-fluoroguanosine, ND02828 on page 197

**9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-2,6-diaminopurine**

see 2-Amino-2'-deoxy-2'-fluoroadenosine, NA05649 on page 46

**9-(2-Fluoro-2-deoxy-b-D-ribofuranosyl)-guanine**

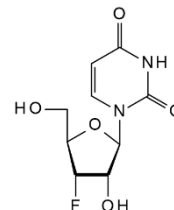
see 2'-Deoxy-2'-fluoroguanosine, ND02828 on page 197

**1-(2'-Fluoro-2'-deoxy-b-D-ribofuranosyl)uracil**

see 2'-Deoxy-2'-fluorouridine, ND06544 on page 204

**3'-Fluoro-3'-deoxyuridine**[57944-13-5] C<sub>9</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>5</sub> 246.19

NF31830

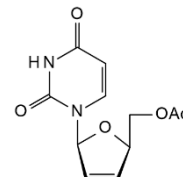
2mg \$120.00  
5mg \$230.00  
10mg \$340.00**5-Fluoro-2'-deoxy-D-uridine**

see 2'-Deoxy-5-fluorouridine, ND02921 on page 204

**5-Fluoro-1-(2',3'-dideoxy-2',3'-didehydro-5'-O-acetyl-b-L-ribofuranosyl)-uracil**[1421336-32-4] C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub> 252.22

NF58421

1g \$95.41



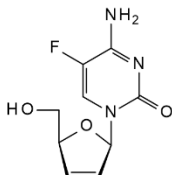
## Fluorodideox

## 5-Fluoro-1-(2',3'-dideoxy-2',3'-dideoxy-b-D-arabinofuranosyl)-cytosine

[134379-77-4] C<sub>9</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>3</sub> 227.19

NF58422

100mg	\$60.00
250mg	\$445.00
500mg	\$710.00



## 2'-Fluoro-5'-O-DMT-N4-acetyl-cytidine

see *N4-Acetyl-2'-deoxy-5'-O-DMT-2'-fluorocytidine*, NA06052 on page 15

## 2'-Fluoro-5'-O-DMT-uridine

see *2'-Deoxy-5'-O-DMT-2'-fluorouridine*, ND06064 on page 184

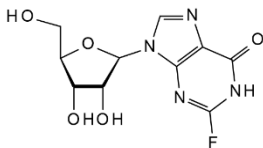
## 2-Fluoroinosine

- 9-b-D-Arabinofuranosyl-2-fluoro-1,9-dihydro-6H-purin-6-one
- 9-b-D-Arabinofuranosyl-2-fluorohypoxanthine

[83480-48-2] C<sub>10</sub>H<sub>11</sub>FN<sub>4</sub>O<sub>5</sub> 286.22

NF17964

2mg	\$125.00
5mg	\$227.20
10mg	\$413.00



Refs: Struck, R. F., et al,

## 5-Fluoro-6-iodouridine

[87818-06-2] C<sub>9</sub>H<sub>10</sub>FIN<sub>2</sub>O<sub>6</sub> 388.09

NF77568

50mg	\$350.00
100mg	\$500.00
250mg	\$750.00



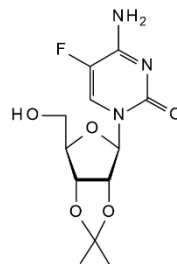
## 5-Fluoro-2',3'-O-isopropylidencytidine

- 5-Fluoro-1-(2,3-O-isopropylidene-b-D-ribofuranosyl)cytosine

[61787-04-0] C<sub>12</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>5</sub> 301.27

NF04766

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



## 5-Fluoro-1-(2,3-O-isopropylidene-b-D-ribofuranosyl)cytosine

see *5-Fluoro-2',3'-O-isopropylidencytidine*, NF04766 on page 278

## 5-Fluoro-1-(2'-L-menthyloxycarbonyl-1'-3'-oxathiolan-5'-yl)-cytosine

[1422361-25-8]

NF58425

50mg	\$90.50
100mg	\$145.00
250mg	\$515.00

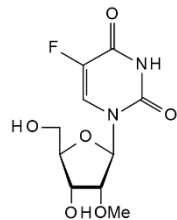


## 5-Fluoro-2'-O-methyluridine

[61671-80-5] C<sub>10</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>6</sub> 276.22

NF06416

50mg	\$262.50
100mg	\$447.00
250mg	\$892.50



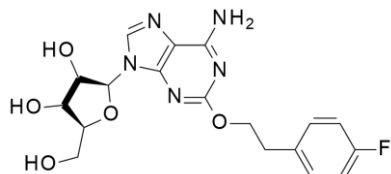
**2-[2-(4-Fluorophenyl)ethoxy]adenosine**

• FPEA

[131865-85-5] C<sub>18</sub>H<sub>20</sub>FN<sub>5</sub>O<sub>5</sub> 405.38

NF16548

50mg	\$140.00
100mg	\$255.00
250mg	\$462.50



Refs: Matova, M, et al, J. Med. Chem, 32, 505 (1997); Matova, M, et al, Drug Des. Discov, 16, 255 (2000); Adachi, H, et al, J. Med. Chem, 50, 1810 (2007)

**4-(4-Fluorophenyl)pyrimidin-2-amine**

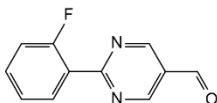
see 2-Amino-4-(4-fluorophenyl)pyrimidine, NA57405 on page 54

**2-(2-Fluorophenyl)pyrimidine-5-carboxaldehyde**

[946707-17-1]

NF44320

Price On Application

**6-(4-Fluorophenyl)pyrimidine-2,4-diamine**

• 2,4-Diamino-6-(4-fluorophenyl)pyrimidine

[175137-25-4] 204.2

NF57447

1g	\$79.10
2g	\$126.50
5g	\$202.40

**4-(4-Fluorophenyl)-2-pyrimidinethiol**

see 4-(4-Fluorophenyl)pyrimidine-2-thiol, NF57411 on page 279

**4-(4-Fluorophenyl)pyrimidine-2-thiol**

• 4-(4-Fluorophenyl)-2-pyrimidinethiol

[155957-43-0] C<sub>10</sub>H<sub>7</sub>FN<sub>2</sub>S 206.24

NF57411

250mg	\$65.00
500mg	\$105.00
1g	\$218.40

**5-Fluoro-1-(β-L-ribofuranosyl)-uracil**

[77210-26-5]

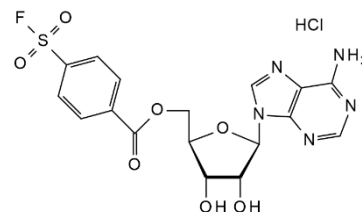
NF58426

100mg	\$120.00
250mg	\$225.00
500mg	\$375.00

**5'-(4-Fluorosulfonylbenzoyl)adenosine HCl**[78859-42-4] C<sub>17</sub>H<sub>16</sub>FN<sub>5</sub>O<sub>7</sub>S·HCl 489.86

NF08012

2mg	\$90.00
5mg	\$175.00
10mg	\$250.00

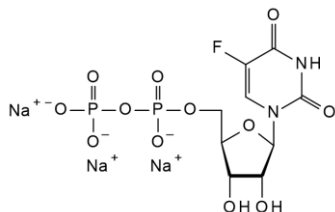
**3'-Fluorothymidine**

see 3'-Deoxy-3'-fluorothymidine, ND02399 on page 202

## Fluorouridin

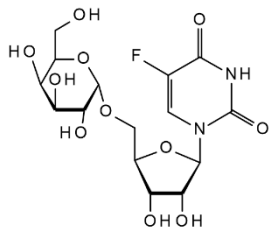
## 5-Fluorouridine-5'-diphosphate sodium salt

[803-98-5 (free acid)]  $C_9H_{14}FN_2O_{12}P_2$  423.16 10mg \$4725.00  
 NF31489



## 5-Fluorouridine-5'-O-b-D-galactopyranoside

[149965-92-4]  $C_{15}H_{21}FN_2O_{11}$  424.33 1mg \$50.00  
 NF04428 2mg \$90.00  
 5mg \$168.00

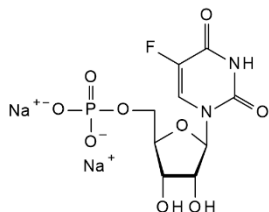


Refs: Watanabe KA, Matsuda A, Halat MJ, Hollenberg DH, Nisselbaum JS, Fox JJ, J. med. Chem, 1981, 24, p893,

## 5-Fluorouridine-5'-monophosphate sodium salt - 10mM aqueous solution

## • 5F-UMP

[796-66-7 (free acid)]  $C_9H_{12}FN_2O_9P$  342.17 500ug \$480.00  
 NF31487 1mg \$810.00



## 5-Fluorouridine-5'-triphosphate sodium salt

[3828-96-4]  $C_9H_{14}N_2O_{15}P_3F$  502.13 1mg \$400.00  
 NF32079 2mg \$600.00  
 5mg \$1250.00



## 5-Fluorouridine-5'-triphosphate triethylammonium salt

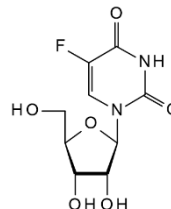
NF157285 1mg \$250.00  
 2mg \$350.00  
 5mg \$550.00



## 5-Fluorouridine

## • 1-(b-D-Ribofuranosyl)-5-fluorouracil

[316-46-1]  $C_9H_{11}FN_2O_6$  262.2 5g \$70.00  
 NF04076 10g \$125.00  
 25g \$225.00



## D-FMAU

see 1-(2-Deoxy-2-fluoro-b-D-arabinofuranosyl)-5-methyluracil, ND11876 on page 194

## N6-Formyl-adenosine

## • N-(9-b-D-Ribofuranosyl-9H-purin-6-yl)-formamide

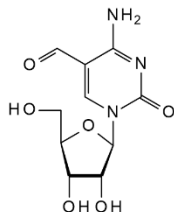
[6706-56-5]  $C_{11}H_{13}N_5O_5$  295.25 20mg \$3000.00  
 NF146409



**5-Formylcytidine**[148608-53-1] C<sub>10</sub>H<sub>13</sub>N<sub>3</sub>O<sub>6</sub> 271.23

NF63557

1mg	\$85.00
2mg	\$150.00
5mg	\$350.00

**FPEA**

see 2-[2-(4-Fluorophenyl)ethoxy]adenosine, NF16548 on page 279

**(-)-cis-FTC**see *Coviracil*, NC05645 on page 155**FTRU**

see 2'-Deoxy-2'-fluoro-5-(trimethylstannyl)uridine-epimer, ND03507 on page 202

**5F-UMP**

see 5-Fluorouridine-5'-monophosphate sodium salt - 10mM aqueous solution, NF31487 on page 280

**N6-Furfuryladenosine**see *Kinetin riboside*, NK06717 on page 301**6-Furfurylaminopurine riboside**see *Kinetin riboside*, NK06717 on page 301**6-furfurylamino-9-β-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate**see *Kinetin riboside-5'-monophosphate sodium salt*, NK30244 on page 301**6H-Furo[3,2-f]-1,3,5,2,4-trioxadisilocin, guanosine deriv.**

see 3',5'-O-[Tetrakis(1-methylethyl)-1,3-disiloxanedyl]-guanosine, NT16564 on page 356

**2-(2-Furyl)-5-pyrimidinecarbaldehyde**[959240-19-8] C<sub>9</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub> 174.16

NF57441

1g	\$81.40
2g	\$130.10
5g	\$323.00

**Gemcitabine base**

see 2'-Deoxy-2',2'-difluorocytidine, ND04237 on page 178

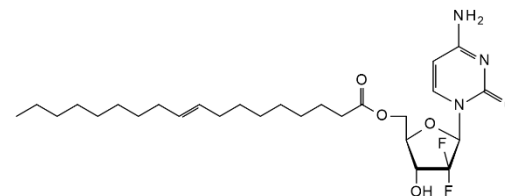
**Gemcitabine 5'-elaidate**

- (E)-((2R,3R,5R)-5-(4-Amino-2-oxypyrimidin-1(2H)-yl)-4,4-difluoro-3-hydroxytetrahydrofuran-2-yl)methyl octadec-9-enoate
- 2'-Deoxy-2',2'-difluorocytidine 5'-(9E)-9-octadecenoate
- CP-4126

[210829-30-4] C<sub>27</sub>H<sub>43</sub>F<sub>2</sub>N<sub>3</sub>O<sub>5</sub> 527.66

NC05399

250mg	\$625.00
500mg	\$950.00
1g	\$1500.00

**Gemcitabine HCl**

see 3',5'-Di-O-benzoyl-2'-deoxy-2',2'-difluorocytidine, ND08303 on page 233

**Gemcitabine HCl**

see 2'-Deoxy-2',2'-difluorocytidine hydrochloride, ND09343 on page 178

**Gemcitabine impurity**

see 3'-Epi gemcitabine, NE22706 on page 268

**Gemcitabine 5'-monophosphate triethylammonium salt**

see 2'-Deoxy-2',2'-difluorocytidine 5'-monophosphate triethylammonium salt, ND15970 on page 178

**Gemcitabine-5'-triphosphate triethylammonium salt**

see 2'-Deoxy-2',2'-difluorocytidine 5'-triphosphate triethylammonium salt - Aqueous solution, ND09708 on page 178

**Glucopyranos****6-((E)-4-b-D-glucopyranosyloxy-3-methylbut-2-enylamino)-9-b-D-ribofuranosylpurine**see *trans-Zeatin-o-glucoside riboside*, NZ30326 on page 384**6-((Z)-4-b-D-glucopyranosyloxy-3-methylbut-2-enylamino)-9-b-D-ribofuranosylpurine**see *cis-Zeatin-o-glucoside riboside*, NZ30353 on page 384

G

**5-b-D-Glucopyranosyl-5-thio-thymidine**

NG58692

Price On Application

**5-b-D-Glucopyranosyl-5-thio-thymine**

NG58691

Price On Application

**Glycinamide ribonucleotide**

- 5'-Phosphoribosylglycinamide
- N1-(5-Phospho-D-ribose)glycinamide

[10074-18-7] C<sub>7</sub>H<sub>15</sub>N<sub>2</sub>O<sub>8</sub>P 286.18

NG59700

Price On Application

**GMPCP**see *a,b-Methyleneguanosine 5'-diphosphate sodium salt*, NM46113 on page 316**GMPPCP**see *Guanosine-5'-[(b,gamma)-methylene]triphosphate sodium salt*, NG46689 on page 284**GMPPNP**see *Guanosine-5'-[(b,gamma)-imido]triphosphate sodium salt*, NG35450 on page 284**GMP**see *Guanosine 5'-monophosphate disodium salt*, NG02982 on page 284**GpA**see *Guanylyl-3'-5'-adenosine potassium salt*, NG07985 on page 287**GpC**see *Guanylyl-3'-5'-cytidine ammonium salt*, NG07984 on page 287**GppNHp**see *Guanosine-5'-[(b,gamma)-imido]triphosphate sodium salt*, NG35450 on page 284**GpU**see *Guanylyl-3'-5'-uridine ammonium salt*, NG07983 on page 287**GTP**see *Guanosine 5'-triphosphate sodium salt hydrate*, NG30609 on page 285**Guanine arabinoside**see *9-(b-D-Arabinofuranosyl)guanine*, NA06002 on page 74**Guanine-9-b-D-ribofuranoside**see *Guanosine*, NG06314 on page 286**Guanosine 3',5'-bis(diphosphate) lithium salt - 100mM aqueous solution**

- ppGpp
- Guanosine tetraphosphate

C<sub>10</sub>H<sub>17</sub>N<sub>5</sub>O<sub>17</sub>P<sub>4</sub>·xLi 603.16 (free acid basis)

NG58214

500ug	\$225.00
1mg	\$350.00
2mg	\$620.00

**Guanosine cyclic 2',3'-(hydrogen phosphate) N,N-diethylethanamine**see *Guanosine 2',3'-cyclic phosphate triethylamine salt*, NG16741 on page 283

**Guanosine 2',3'-cyclic monophosphate sodium salt**[15718-49-7] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>NaO<sub>7</sub>P 367.19

NG145480

10mg	\$135.00
25mg	\$275.00
50mg	\$425.00

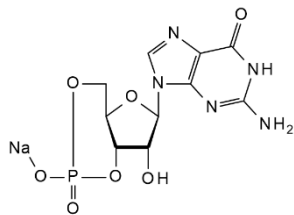
**Guanosine 3',5'-cyclic monophosphate sodium salt**

• cyclic GMP

[40732-48-7] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>NaO<sub>7</sub>P 367.19

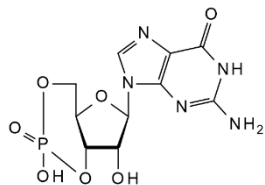
NG08975

50mg	\$79.00
100mg	\$132.00
250mg	\$252.50

**Guanosine 3',5'-cyclic monophosphate**[7665-99-8] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>7</sub>P 345.21

NG03522

10mg	\$50.00
25mg	\$95.00
50mg	\$150.00

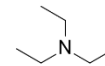
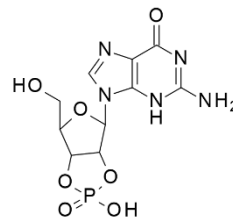
**Guanosine 2',3'-cyclic phosphate triethylamine salt**

• Guanosine cyclic 2',3'-(hydrogen phosphate) N,N-diethylethanamine

[73647-09-3] C<sub>16</sub>H<sub>27</sub>N<sub>6</sub>O<sub>7</sub>P 446.4

NG16741

Price On Application

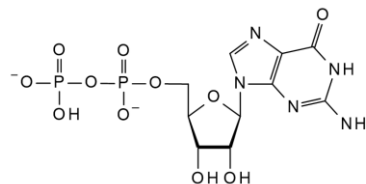


Refs: Heldrick, M.L. et al, Cancer Res, 30, 376 (1970); Vocci, F.J. et al, J. Pharmacol. Exp. Therap, 207, 892 (1978)

**Guanosine 5'-diphosphate disodium salt**[7415-69-2] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>11</sub>P<sub>2</sub>·2Na 487.17

NG09782

2g	\$60.00
5g	\$120.00
10g	\$190.00

Na<sup>+</sup> Na<sup>+</sup>**Guanosine 5'-diphosphate sodium salt**[43139-22-6][7415-69-2] C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>11</sub>P<sub>2</sub>·xNa 443.2 (free acid)

NG08963

50mg	\$75.00
100mg	\$115.00
250mg	\$185.00

**Guanosine 3',5'-diphosphate tetralithium salt**

• 3',5'-Diphosphoguanosine tetralithium salt

[32452-17-8][55612-39-0][3237-37-4] C<sub>10</sub>H<sub>11</sub>Li<sub>4</sub>N<sub>5</sub>O<sub>11</sub>P<sub>2</sub> 466.93

NG31507

50mg \$2500.00



**Guanosinehyd****Guanosine hydrate**see *Guanosine*, NG06314 on page 286**Guanosine-5'-[(b,gamma)-imido]triphosphate sodium salt**

- GMPPNP
- GppNHp

[148892-91-5]	C <sub>10</sub> H <sub>17</sub> N <sub>6</sub> O <sub>13</sub> P <sub>3</sub> ·xNa	522.20 (free acid basis)	
		5mg	\$131.30
		10mg	\$199.50
		25mg	\$394.00

NG35450

**Guanosine-5'-[(b,gamma)-methylene]triphosphate sodium salt**

- GMPPCP

[13912-93-1]	C <sub>11</sub> H <sub>18</sub> N <sub>6</sub> O <sub>13</sub> P <sub>3</sub> ·xNa	521.21 (free acid basis)	
		5mg	\$90.00
		10mg	\$150.00
		25mg	\$225.00

NG46689

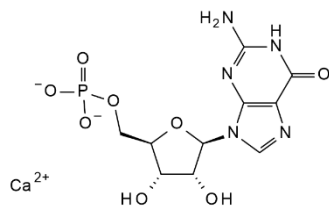
**Guanosine 5'-monophosphate calcium salt**

- Calcium 5'-guanylate
- Guanylic acid calcium salt

[38966-30-2] C<sub>10</sub>H<sub>12</sub>CaN<sub>5</sub>O<sub>8</sub>P 401.28

Price On Application

NG40772

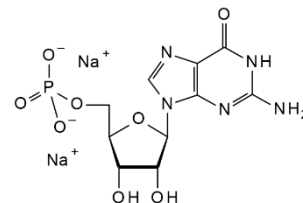
**Guanosine 2'-3'-monophosphate disodium salt mixed isomers**see *Guanosine-2'(&3')-monophosphate disodium salt (mixed isomers)*, NG57356 on page 286**Guanosine 5'-monophosphate disodium salt**

- 5'-Guanylic Acid
- GMP

[5550-12-9] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>8</sub>P·2Na 407.18

NG02982

250g	\$60.00
500g	\$115.00
1kg	\$220.00

**Guanosine 5'-monophosphate disodium salt [1',2',3',4',5'-13C5]**13C<sub>5</sub>C<sub>8</sub>H<sub>12</sub>N<sub>5</sub>O<sub>8</sub>P·2Na 412.64

NG57598

10mg \$2200.00

**Guanosine-5'-monophosphate triethylammonium salt**

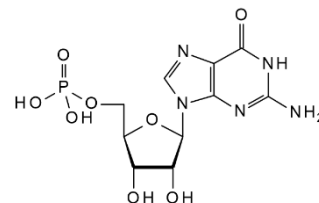
NG30910

Price On Application

**Guanosine 5'-monophosphate**[85-32-5] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>8</sub>P 363.22

NG09355

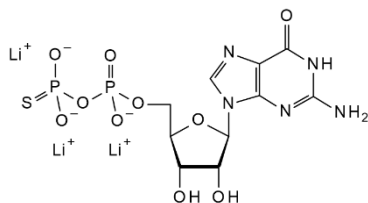
10g	\$50.00
25g	\$95.00
50g	\$175.00





**Guanosine 5'-(tetrahydrogen triphosphate) P<sup>3</sup>-[1-(2-nitrophenyl)ethyl]ester**see *Caged GTP, NC19632 on page 134***Guanosine tetraphosphate**see *Guanosine 3',5'-bis(diphosphate lithium salt - 100mM aqueous solution, NG58214 on page 282***Guanosine 5'-O-(2-thiodiphosphate) trilithium salt**[97952-36-8][71783-24-9] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>S·3Li 477.06

NG09615	1mg	\$75.00
	2mg	\$110.00
	5mg	\$175.00

**Guanosine 5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution**

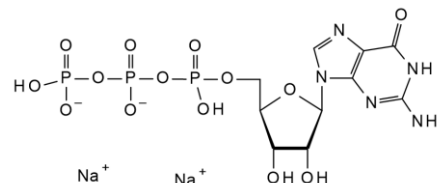
• a-Thio-GTP

[81570-50-5] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>S·4Li 567.01

NG58207	1mg	\$125.00
	2mg	\$200.00
	5mg	\$350.00

**Guanosine Triacetate**see *2',3',5'-Tri-O-acetylguanosine, NT06136 on page 371***Guanosine 5'-triphosphate disodium salt**[56001-37-7] C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub>Na<sub>2</sub> 567.14

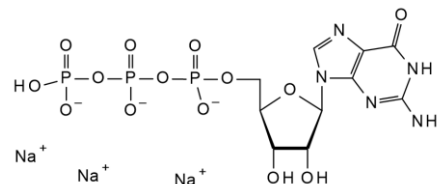
NG01208	1g	\$50.00
	2g	\$90.00
	5g	\$195.00

**Guanosine 5'-triphosphate P3-[1-(2-nitrophenyl)ethyl]ester**see *Caged GTP, NC19632 on page 134***Guanosine 5'-triphosphate sodium salt hydrate**

- GTP
- Guanosine 5'-triphosphate trisodium salt

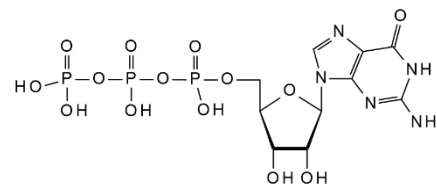
[36051-31-7] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub>·xNa 523.18 (free acid basis)

NG30609	25mg	\$90.00
	50mg	\$150.00
	100mg	\$250.00

**Guanosine 5'-triphosphate trisodium salt**see *Guanosine 5'-triphosphate sodium salt hydrate, NG30609 on page 285***Guanosine 5'-triphosphate**[86-01-1] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub> 523.18

NG03984

Price On Application

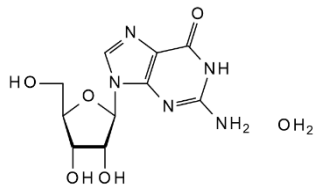


**Guanosine****Guanosine**

- 9-(β-D-Ribofuranosyl)guanine
- Guanine-9-β-D-ribofuranoside
- Guanosine hydrate

[118-00-3] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub>·H<sub>2</sub>O 301.26

	250g	\$50.00
NG06314	500g	\$70.00
	1kg	\$115.00



Refs: Pao CC, Palletta J, Gallant JA, Biochem. Biophys. Res. Commun. 1977, Jan 10, 74(1), 314-22

**Guanosine-2'(&3')-monophosphate disodium salt (mixed isomers)**

- Guanylic acid disodium salt
- Guanosine 2'-3'-monophosphate disodium salt mixed Isomers

[6027-83-4] C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>6</sub>PNa<sub>2</sub> 407.18

	250mg	\$60.00
NG57356		

**Guanosine 5'-[γ-thio]triphosphate tetralithium salt**[94825-44-2] C<sub>10</sub>H<sub>12</sub>Li<sub>4</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>S 562.98

NG63193

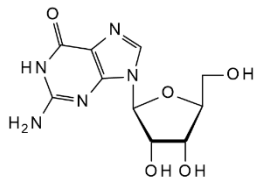
Price On Application

**L-Guanosine**

- 9-(β-L-Ribofuranosyl)guanine

[26578-09-6] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub> 283.24

	10mg	\$157.50
NG05944	25mg	\$210.00
	50mg	\$315.00



Refs: Joyce GF, Schwartz AW, Miller SL, Orgel LE, Proc. Natl. Acad. Sci. 1987, Vol84, No13, 4398-44

**Guanylic acid calcium salt**see *Guanosine 5'-monophosphate calcium salt, NG40772 on page 284***Guanylic acid disodium salt**see *Guanosine-2'(&3')-monophosphate disodium salt (mixed isomers), NG57356 on page 286***[2'-18O]Guanosine**

- 9-(β-D-[2-18O]Ribofuranosyl)guanine

C<sub>10</sub>H<sub>13</sub>N<sub>5</sub><sup>18</sup>O<sub>4</sub> 285.24

NG106386

Price On Application

**5'-Guanylic Acid**see *Guanosine 5'-monophosphate disodium salt, NG02982 on page 284*

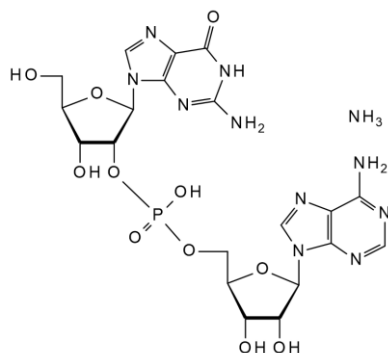
**Guanylyl-3'-5'-adenosine potassium salt**

• GpA

[103192-47-8][6918-37-2] C<sub>20</sub>H<sub>25</sub>N<sub>10</sub>O<sub>11</sub>P·K 651.55

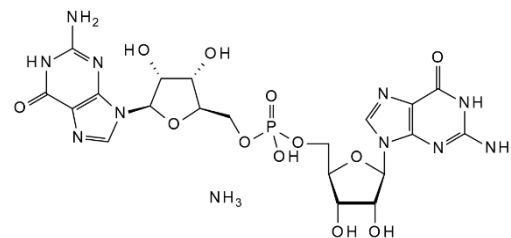
NG07985

1mg	\$475.00
2mg	\$925.00
5mg	\$1625.00

**Guanylyl-3',5'-guanosine ammonium salt**[97403-87-7] C<sub>20</sub>H<sub>25</sub>N<sub>10</sub>O<sub>12</sub>P·H<sub>3</sub>N 645.48

NG11482

1mg	\$475.00
2mg	\$925.00
5mg	\$1625.00



G

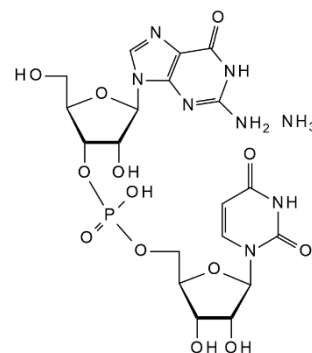
**Guanylyl-3'-5'-uridine ammonium salt**

• GpU

[41547-83-5] C<sub>19</sub>H<sub>24</sub>N<sub>7</sub>O<sub>13</sub>P·NH<sub>3</sub> 606.45

NG07983

1mg	\$475.00
2mg	\$925.00
5mg	\$1625.00

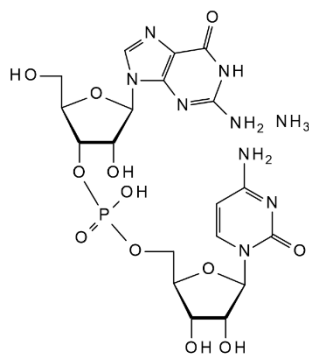
**m2G**see *N2-Methylguanosine, NM35522* on page 319**2'-O-Hexylamino-5'-O-DMT-adenosine**see *5'-O-DMT-2'-O-hexylaminoadenosine, ND08516* on page 257**Hivid**see *2',3'-Dideoxycytidine, ND06559* on page 240**Guanylyl-3'-5'-cytidine ammonium salt**

• GpC

[98046-67-4] C<sub>19</sub>H<sub>25</sub>N<sub>8</sub>O<sub>12</sub>P·NH<sub>3</sub> 605.46

NG07984

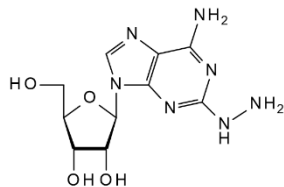
1mg	\$295.00
2mg	\$550.00
5mg	\$1250.00



**Hydrazinoade****2-Hydrazinoadenosine**[15763-11-8] C<sub>10</sub>H<sub>15</sub>N<sub>7</sub>O<sub>4</sub> 297.27

NH06266

25mg	\$85.00
50mg	\$140.00
100mg	\$230.00

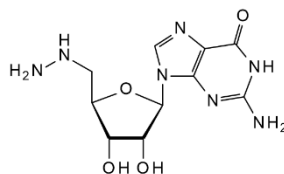


Refs: Niiya K, et al, J. Med. Chem 1992, 35, p4557; Kim H, Haley BE, J. Biol. Chem. 1990, 265, 7, p3636

**5'-Hydrazino-5'-deoxyguanosine**[1189743-60-9] C<sub>10</sub>H<sub>15</sub>N<sub>7</sub>O<sub>4</sub> 297.27

NH16032

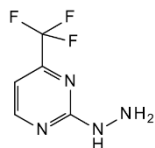
5mg	\$84.00
10mg	\$126.00
25mg	\$210.00

**2-Hydrazinopyrimidine**see *Pyrimidine-2-ylhydrazine*, NP57400 on page 347**2-Hydrazino-4-(trifluoromethyl)pyrimidine**

[197305-97-8]

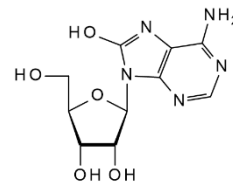
NH44264

Price On Application

**2-Hydroxy-D-adenosine hydrate**see *Isoguanosine hydrate*, NI07234 on page 298**8-Hydroxyadenosine**[29851-57-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub> 283.25

NH08494

50mg	\$75.00
100mg	\$125.00
250mg	\$250.00



Refs: Douki et al, J. Chim. Phys. Physico-Chim. Biol, 1999, 96, p138

**N6-(2-Hydroxybenzyl)adenosine-5'-monophosphate**see *o-Topolin riboside-5'-monophosphate sodium salt*, NT30289 on page 367**N6-(3-Hydroxybenzyl)adenosine-5'-monophosphate**see *m-Topolin riboside-5'-monophosphate salt*, NT30285 on page 367**N6-(4-Hydroxybenzyl)adenosine-5'-monophosphate**see *p-Topolin riboside-5'-monophosphate sodium salt*, NT30293 on page 367**N6-(2-hydroxybenzyl)adenosine**see *o-Topolin riboside*, NT30288 on page 367**N6-(3-Hydroxybenzyl)adenosine**see *m-Topolin riboside*, NT30283 on page 367**N6-(4-Hydroxybenzyl)adenosine**see *p-Topolin riboside*, NT30291 on page 368**6-(2-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate**see *o-Topolin riboside-5'-monophosphate sodium salt*, NT30289 on page 367**6-(3-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate**see *m-Topolin riboside-5'-monophosphate salt*, NT30285 on page 367**6-(4-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate**see *p-Topolin riboside-5'-monophosphate sodium salt*, NT30293 on page 367

**6-(2-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine**see *o*-Topolin riboside, NT30288 on page 367**6-(3-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine**see *m*-Topolin riboside, NT30283 on page 367**6-(4-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine**see *p*-Topolin riboside, NT30291 on page 368**5-(4-Hydroxybutyn-1-yl)uridine**[85267-67-0] C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>7</sub> 312.28

NH15515

Price On Application

**8-Hydroxy-2'-deoxyguanosine**

see 2'-Deoxy-8-oxoguanosine, ND06344 on page 218

**8-Hydroxy-D-guanosine**

see 8-Oxoguanosine, NO05772 on page 338

**1-(2R,3R,4R,5R)-3-Hydroxy-5-(hydroxymethyl)-4-methoxytetrahydrofuran-2-yl)-5-methylpyrimidine-2,4(1H,3H)-dione**

NH137506

Price On Application

**1-[5-O-[Hydroxy[[hydroxy(phosphonooxy)phosphinyl]oxy]phosphinyl]-b-D-ribofuranosyl]-3-(1-naphthalenylmethyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine**

see 4-Amino-3-(1-naphthylmethyl)-1H-pyrazolo[3,4-d]pyrimidine-1-(b-D-ribofuranosyl-5'-triphosphate), NA16506 on page 59

**1-[5-O-[Hydroxy[[hydroxy(phosphonooxy)phosphinyl]oxy]phosphinyl]-b-D-ribofuranosyl]-3-(phenylmethyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine**

see 4-Amino-3-benzyl-1H-pyrazolo[3,4-d]pyrimidine 1-b-D-ribofuranosyl 5'-triphosphate, NA16508 on page 38

**4-Hydroxy-2-mercaptopteridine**[52023-48-0] C<sub>6</sub>H<sub>4</sub>N<sub>4</sub>OS 180.19

NH67971

250mg	\$175.00
500mg	\$280.00
1g	\$445.00

**N6-(4-Hydroxy-3-methylbut-2-enyl)adenosine**

see Zeatin riboside, NZ08027 on page 385

**6-((E)-4-hydroxy-3-methylbut-2-enylamino)-9-b-D-ribofuranosylpurine**see *trans*-Zeatin riboside, NZ30302 on page 385**6-((E)-4-hydroxy-3-methylbut-2-enylamino)-9-b-D-ribofuranosyl-purine-5'-monophosphate disodium monohydrate**see *trans*-Zeatin riboside-5'-monophosphate sodium salt, NZ30328 on page 385**6-(4-hydroxy-3-methylbutylamino)-9-b-D-ribofuranosyl purine-5'-monophosphate disodium monohydrate**

see Dihydrozeatin riboside-5'-monophosphate sodium salt, ND30226 on page 248

**6-(4-hydroxy-3-methylbutylamino)-9-b-D-ribofuranosylpurine**

see Dihydrozeatin riboside, ND30220 on page 248

**5-Hydroxymethylcytidine**[19235-17-7] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>6</sub> 273.24

NH35521

5mg	\$75.00
10mg	\$125.00
25mg	\$225.00

**trans(-)-2-Hydroxymethyl-5-(cytosin-1-yl)-1,3-oxathiolane**

see 2'-Epi-lamivudine, NE22731 on page 268

**5-Hydroxymethyl-dCTP.Li**

see 2'-Deoxy-5-hydroxymethylcytidine-5'-triphosphate lithium salt - 100 mM aqueous solution, ND71643 on page 207

**Hydroxymethyl****5-Hydroxymethyl-2'-deoxycytidine**[7226-77-9] C<sub>10</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 257.24

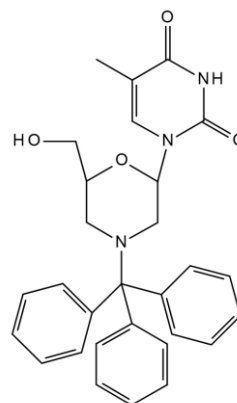
NH15898

1mg	\$65.00
2mg	\$100.00
5mg	\$120.00

**7'-Hydroxymorpholino T monomer**[914361-76-5] C<sub>29</sub>H<sub>29</sub>N<sub>3</sub>O<sub>4</sub> 483.56

NH138533

2g \$1000.00

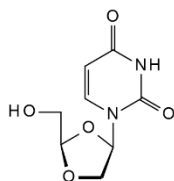


H

**(2S,4S)-1[2-hydroxymethyl-1,3-dioxolan-4-yl]uracil**[207920-78-3] C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>5</sub> 214.18

NH44934

Price On Application

**4-Hydroxy-6-methylpyrimidine**

- 6-Methylpyrimidin-4-ol
- 6-Methyl-4(3H)-pyrimidinone

[3524-87-6] C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>O 110.11

NH66985

500mg	\$60.00
1g	\$100.00
2g	\$160.00

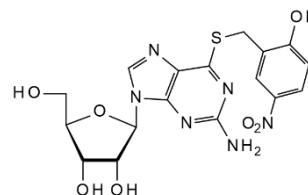
**S-(2-Hydroxy-5-nitrobenzoyl)-6-thioguanosine**

- 2-Amino-6-[(2-hydroxy-5-nitrobenzyl)thio]-9-(β-D-ribofuranosyl)purine

[41094-07-9] C<sub>17</sub>H<sub>18</sub>N<sub>6</sub>O<sub>7</sub>S 450.43

NH08019

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

**5-(Hydroxymethyl)pyrimidine**[25193-95-7] C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>O 110.11

NH57421

500mg	\$80.00
1g	\$193.20
2g	\$309.10

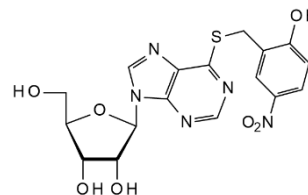
**S-(2-Hydroxy-5-nitrobenzoyl)-6-thioinosine**

- 6-[(2-Hydroxy-5-nitrobenzyl)thio]-9-β-D-ribofuranosylpurine

[56964-73-9] C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>7</sub>S 435.41

NH08020

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

**4-Hydroxy-1-(3-O-methyl-β-D-ribofuranosyl)-2(1H)-Pyridinone**

see 3-Deaza-3'-O-methyluridine, ND58310 on page 169

**6-[(2-Hydroxy-5-nitrobenzyl)thio]-9-b-D-ribofuranosylpurine**see *S*-(2-Hydroxy-5-nitrobenzoyl)-6-thioinosine, *NH08020* on page 290**4-Hydroxy-5-nitroso-2,6-diaminopyrimidine**

NH71308	25g	\$50.00
	50g	\$90.00
	100g	\$150.00

**(S)-9-[3-Hydroxy-2-(phosphorylmethoxy)propyl]adenine**

[92999-29-6]

NH137606

Price On Application

**5-(3-Hydroxypropyn-1-yl)uridine**

NH15525

Price On Application

**4-Hydroxy-1-b-D-ribofuranosyl-2(1H)-pyridinone**see *3-Deazaauridine*, *ND16524* on page 170**4-Hydroxy-1-(2,3,5-tri-O-benzoyl-b-D-ribofuranosyl)-2(1H)-pyridinone**see *2',3',5'-Tri-O-benzoyl-3-deazaauridine*, *NT58307* on page 373**2-Hydroxy-4-trifluoromethyl-pyrimidine-5-carboxylic acid ethyl ester**see *Ethyl 2-hydroxy-4-(trifluoromethyl)pyrimidine-5-carboxylate*, *NE57399* on page 272**4-Hydroxy-1-(5-O-triphospho-b-D-ribofuranosyl)-2(1H)-pyridinone**see *3-Deazaauridine 5'-O-triphosphate lithium salt - 100 mM aqueous solution*, *ND58306* on page 170**5-Hydroxyuridine**

• 1-b-D-Ribofuranosylisobarbituric acid

[957-77-7] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>7</sub> 260.2

NH32540

25mg	\$75.00
50mg	\$132.00
100mg	\$240.00

**IB-MECA**see *N*(6)-(3-Iodobenzyl)-5'-*N*-methylcarboxamidoadenosine, *NI10756* on page 294**N2-iBu-DMT-2'-F-dG**see *2'-Deoxy-5'-O-DMT-2'-fluoro-N2-isobutyrylguanosine*, *ND08524* on page 183**N-IbuG**see *N2-Isobutyrylguanosine*, *NI03488* on page 296**5'-Iddc**see *5'-Iodo-2',3'-dideoxycytidine*, *NI57361* on page 294**Idoxuridine**see *2'-Deoxy-5-iodouridine*, *ND05147* on page 210**IDP.2Na**see *Inosine 5'-diphosphate disodium salt*, *NI10699* on page 292**IDP.3Na**see *Inosine 5'-diphosphate trisodium salt*, *NI10027* on page 292**5I-dUTP**see *2'-Deoxy-5-iodouridine-5'-triphosphate sodium salt - 10mM aqueous solution*, *ND31484* on page 210**Imidazosagatriazinone**see *5-(2-Ethoxyphenyl)-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one*, *NE16544* on page 270

**IMPGMP****IMP + GMP**

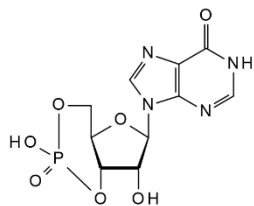
NI11887

Price On Application

**IMP**see *Inosine 5'-monophosphate*, NI10026 on page 292**Inosine-3',5'-cyclic-monophosphate free acid**[3545-76-4] C<sub>10</sub>H<sub>11</sub>N<sub>4</sub>O<sub>7</sub>P 330.19

NI10382

1mg	\$52.50
5mg	\$115.50
10mg	\$210.00

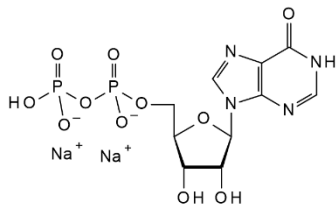
**Inosine 5'-diphosphate disodium salt**

• IDP.2Na

[54735-61-4] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>11</sub>P<sub>2</sub>·2Na 472.15

NI10699

2g	\$50.00
5g	\$95.00
10g	\$175.00

**Inosine 5'-diphosphate trisodium salt**

• IDP.3Na

[81012-88-6] C<sub>10</sub>H<sub>11</sub>N<sub>4</sub>O<sub>11</sub>P<sub>2</sub>·3Na 494.13

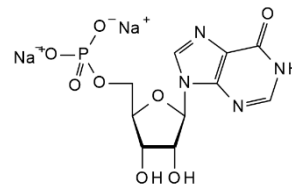
NI10027

100mg	\$120.00
250mg	\$195.00
500mg	\$350.00

**Inosine 5'-monophosphate disodium salt hydrate**[4691-65-0][352195-40-5][20813-76-7] C<sub>10</sub>H<sub>11</sub>N<sub>4</sub>O<sub>6</sub>PNa<sub>2</sub>·xH<sub>2</sub>O 392.17

NI02985

100g	\$55.00
250g	\$95.00
500g	\$145.00

H<sub>2</sub>O**Inosine 5'-monophosphate**• Inosinic acid  
• IMP[131-99-7] C<sub>10</sub>H<sub>13</sub>N<sub>4</sub>O<sub>6</sub>P 348.2

NI10026

500mg	\$95.00
1g	\$168.00
2g	\$262.50

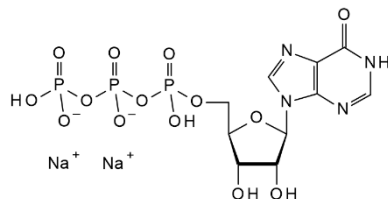




**Inosine 5'-triphosphate disodium salt**[36051-67-9] C<sub>10</sub>H<sub>13</sub>N<sub>4</sub>O<sub>14</sub>P<sub>3</sub>·2Na 552.13

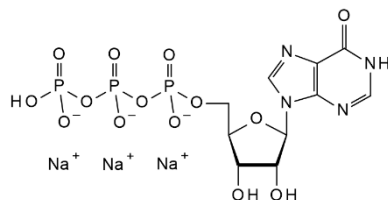
NI09674

250mg	\$80.00
500mg	\$140.00
1g	\$262.50

**Inosine 5'-triphosphate trisodium salt**[35908-31-7] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>14</sub>P<sub>3</sub>·Na<sub>3</sub> 574.11

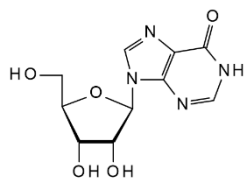
NI09673

2g	\$52.50
5g	\$78.80
10g	\$136.50

**Inosine**[58-63-9] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 268.23

NI06297

250g	\$50.00
500g	\$80.00
1kg	\$140.00

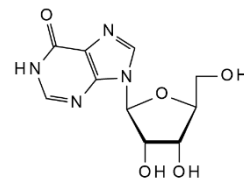


Refs: Krenitsky TA, Mol. Pharmacol. 3, p526

**L-Inosine**[21138-24-9] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 268.23

NI06221

25mg	\$90.00
50mg	\$150.00
100mg	\$250.00



Refs: Liaudet L, Mabley JG, Pacher P, Virag L, Soriano FG, Marton A, Hasko G, Deitch EA, Szabo C, Ann. Surg. 2002, Vol235, Pt4, p568-578

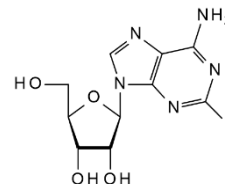
**Inosinic acid**see *Inosine 5'-monophosphate*, NI10026 on page 292**2-Iodo-D-adenosine 2',3'-acetonide**see *2-Iodo-2',3'-O-isopropylideneadenosine*, NI04752 on page 295**2-Iodoadenosine 5'-carboxy-2',3'-acetonide**see *5'-Carboxy-2-iodo-2',3'-O-isopropylideneadenosine*, NC05725 on page 137**2-Iodoadenosine**

• 6-Amino-2-iodo-9-(beta-D-ribofuranosyl)purine

[35109-88-7] C<sub>10</sub>H<sub>12</sub>IN<sub>5</sub>O<sub>4</sub> 393.14

NI04749

100mg	\$79.00
250mg	\$132.50
500mg	\$225.00



Refs: Lowry BA, et al, J. Biol. Chem. 1952, 197, p591; Huang M, et al, J. Med. Chem. 1972, 15, p462; Hagen C, Biochem. Biophys. Acta. 1973, 293, 105; Suhadolnik RJ, Nucleosides As Biological Probes, Wiley, NY, 1979, p79; Nair V, Young DA, J. Org. Chem. 1985, 50, p406

**8-Iodoadenosine**[31281-88-6] C<sub>10</sub>H<sub>12</sub>IN<sub>5</sub>O<sub>4</sub> 393.14

NI36298

Price On Application



**Iodobenzylme****N(6)-(3-Iodobenzyl)-5'-N-methylcarboxamidoadenosine**

- IB-MECA
- 1-Deoxy-1-[6-[(3-Iodophenyl)methyl]amino]-9H-purin-9-yl]-N-methyl-b-D-ribofuranuronamide

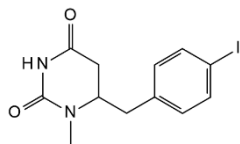
[152918-18-8] C<sub>18</sub>H<sub>19</sub>IN<sub>6</sub>O<sub>4</sub> 510.29

NI10756	50mg	\$1050.00
	100mg	\$1750.00
	250mg	\$2125.00

**6-(4-Iodobenzyl)-1-Methyl Pyrimidine-2,4-(1H,3H)-Dione**

NI44327

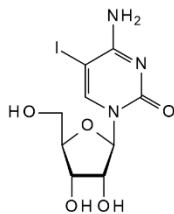
Price On Application

**5-Iodocytidine**

- 1-b-D-Ribofuranosyl-5-iodocytosine

[1147-23-5] C<sub>9</sub>H<sub>12</sub>IN<sub>3</sub>O<sub>5</sub> 369.11

NI04748	1g	\$50.00
	2g	\$90.00
	5g	\$175.00



Refs: Ferrer R, Wiersma EM, Kazimierczak M, Mueller B, Eritja CW, Bioconjugate Chem. 1997, 8, 5, p757

**7-Iodo-7-deaza-2'-deoxyguanosine**

NI31361	10mg	\$210.00
	25mg	\$446.50
	50mg	\$735.00

**7-Iodo-7-deaza-2'-C-methylguanosine**

NI14082

Price On Application

**5-Iodo-2'-deoxy-L-uridine**see *ent-iodoxuridine*, NE16541 on page 267**5'-Iodo-2',3'-dideoxycytidine**

- 5'-Iddc

C<sub>8</sub>H<sub>12</sub>N<sub>3</sub>O<sub>3</sub>I 337.11

NI57361	25mg	\$140.00
	50mg	\$279.00
	100mg	\$446.00

**5'-Iodo-2',3'-dideoxyuridine**

338.1

NI57364

Price On Application

**5-Iodo-3,7-dihydro-pyrrolo[2,3-δ]pyrimidin-4-one**see *3,7-Dihydro-5-iodo-4-oxo-4H-pyrrolo[2,3-d]pyrimidine*, ND57427 on page 247**5-Iodo-2'-fluorouridine**see *2'-Deoxy-2'-fluoro-5-iodouridine*, ND07901 on page 198

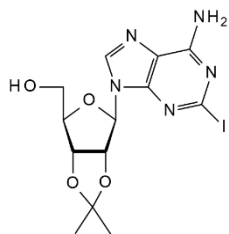
**2-Iodo-2',3'-O-isopropylideneadenosine**

• 2-Iodo-D-adenosine 2',3'-acetonide

[141018-25-9] C<sub>18</sub>H<sub>16</sub>IN<sub>5</sub>O<sub>4</sub> 433.21

NI04752

10mg	\$110.30
25mg	\$223.50
50mg	\$367.50

**2-Iodo-Isopropylidene-NECA**

see 5'-Ethylcarboxamido-2-iodo-2',3'-O-isopropylideneadenosine, NE03797 on page 271

**2-Iodo-9-(2,3-O-isopropylidene-b-D-ribofuranosyl uronic acid)adenine**

see 5'-Carboxy-2-iodo-2',3'-O-isopropylideneadenosine, NC05725 on page 137

**3-Iodo-1-(2-C-methyl-b-D-ribofuranosyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine,**

[847551-00-2]

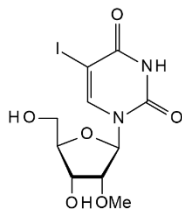
NI14087

Price On Application

**5-Iodo-2'-O-methyluridine**[34218-84-3] C<sub>10</sub>H<sub>13</sub>IN<sub>2</sub>O<sub>6</sub> 384.12

NI06234

1g	\$450.00
2g	\$750.00
5g	\$1500.00

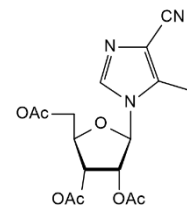
**2-Iodo-NECA**

see 5'-Ethylcarboxamido-2-iodoadenosine, NE06317 on page 271

**5-Iodo-1-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)-imidazo-4-carbonitrile**C<sub>15</sub>H<sub>16</sub>IN<sub>3</sub>O<sub>7</sub> 477.21

NI10022

1mg	\$84.00
2mg	\$126.00
5mg	\$210.00

**5-Iodotubercidin**

see 7-Deaza-7-iodoadenosine, ND09248 on page 169

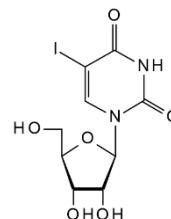
**5-Iodouridine**

- 5-Iodouridine
- 5-Iodo-1-(b-D-ribofuranosyl)uracil

[1024-99-3] C<sub>9</sub>H<sub>11</sub>IN<sub>2</sub>O<sub>6</sub> 370.1

NI02225

500mg	\$70.00
1g	\$99.80
2g	\$178.50

**4-(Isobutylamino)-2-(Methylthio)Pyrimidine-5-Carboxylic Acid**C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>S 241.31

NI57385

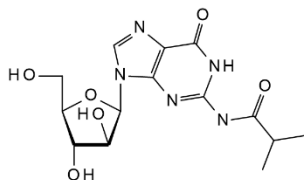
25mg	\$93.00
50mg	\$174.50
100mg	\$279.00



**Isobutyrylar****N2-Isobutyryl-9-(β-D-arabinofuranosyl)guanine**C<sub>14</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub> 353.33

NI08521

5mg	\$60.00
10mg	\$105.00
25mg	\$185.00

**N2-Isobutyryl-7'-t-butylidimethyl silyloxy-N-trityl-morpholino guanosine**

NI138673

5g	\$3950.00
10g	\$5970.00

**N4-Isobutyryl-2'-deoxy-5'-O-DMT-cytidine**

see 2'-Deoxy-5'-O-DMT-N4-isobutyrylcytidine, ND02997 on page 186

**N2-Isobutyryl-2'-deoxy-5'-O-DMT-D-guanosine**

see 2'-Deoxy-5'-O-DMT-N2-isobutyrylguanosine, ND02998 on page 186

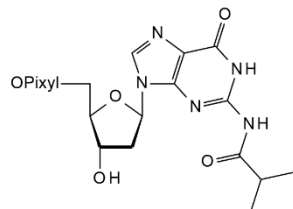
**N2-Isobutyryl-2'-deoxyguanosine**

see 2'-Deoxy-N2-isobutyrylguanosine, ND02989 on page 211

**N2-Isobutyryl-2'-deoxy-5'-O-pixylguanosine**C<sub>33</sub>H<sub>31</sub>N<sub>5</sub>O<sub>6</sub> 593.64

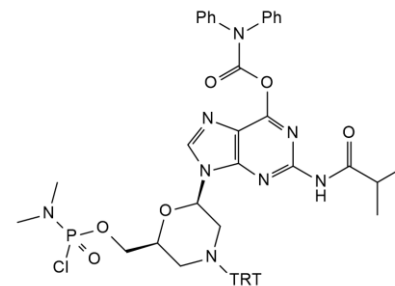
NI08571

Price On Application

**[(2S,6R)-6-(N2-(Isobutyryl)-O6-(diphenylcarbomoyl)guanin-9-yl)-4-tritylmorpholin-2-yl]methyl dimethyl-phosphoramidochloridate**[1357354-76-7] C<sub>48</sub>H<sub>48</sub>ClN<sub>8</sub>O<sub>6</sub>P 899.37

NI58200

Price On Application

**N2-Isobutyryl-5'-O-DMT-2'-O-methyl-D-guanosine**

see 5'-O-DMT-N2-isobutyryl-2'-O-methylguanosine, ND03004 on page 259

**N2-Isobutyryl-2'-fluoro-deoxyguanosine**

see 2'-Deoxy-2'-fluoro-N2-isobutyrylguanosine, ND08523 on page 198

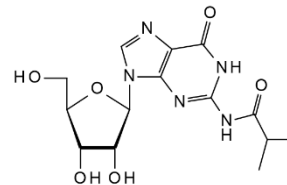
**N2-Isobutyrylguanosine**

• N-lbuG

[64350-24-9] C<sub>14</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub> 353.33

NI03488

10g	\$40.00
25g	\$60.00
50g	\$115.00



Refs: Massey AP, Sigurdsson ST, Nucleic Acids Res. 2004, Vol32, No6, p2017-202

**N2-Isobutyryl-7'-HO-N-trityl-morpholino guanosine**

NI138672

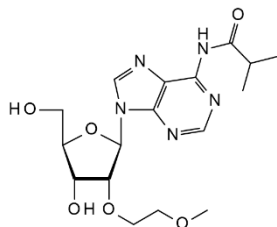
5g	\$3950.00
10g	\$5970.00



**N2-Isobutyryl-2'-(2-methoxyethyl)guanosine**

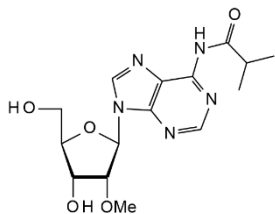
NI138523

Price On Application

**N6-Isobutyryl-2'-O-methyladenosine**C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 351.36

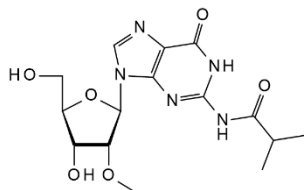
NI08338

Price On Application

**N2-Isobutyryl-2'-O-methylguanosine**[63264-29-9] C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>6</sub> 367.36

NI08522

500mg	\$200.00
1g	\$175.00
2g	\$300.00

**N2-Isobutyryl-7'-OH-Morpholino guanosine**

• N-[6,9-Dihydro-9-[(2R,6S)-6-(hydroxymethyl)-2-morpholinyl]-6-oxo-1H-purin-2-yl]-2-methyl-propanamide

[956139-23-4] C<sub>14</sub>H<sub>20</sub>N<sub>6</sub>O<sub>4</sub> 336.35

NI76867

Price On Application

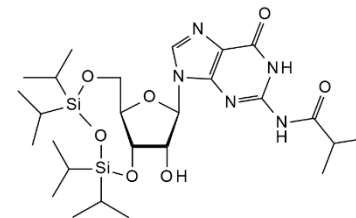
**N2-Isobutyryl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)guanosine**

• N2-Isobutyryl-3',5'-O-TIPPS-guanosine  
• 3',5'-O-TIPPS-N2-isobutyrylguanosine

[87865-78-9] C<sub>26</sub>H<sub>45</sub>N<sub>5</sub>O<sub>7</sub>Si<sub>2</sub> 595.84

NI09331

1g	\$60.00
2g	\$100.00
5g	\$200.00

**N2-Isobutyryl-3',5'-O-TIPPS-guanosine**

see *N2-Isobutyryl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)guanosine*, NI09331 on page 297

**N2-Isobutyryl-5'-O-Trt-guanosine**C<sub>33</sub>H<sub>32</sub>N<sub>5</sub>O<sub>6</sub> 594.64

NI57525

Price On Application



**Isocytidinet****Isocytidine triphosphate triethylamine salt**

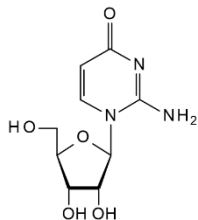
[150668-55-6]  $C_9H_{16}N_3O_{14}P_3 \cdot xC_6H_{15}N$  483.16 (free acid basis)  
 Price On Application  
 NI61633

**Isocytidine**

• 2-Amino-1-β-D-ribofuranosyl-4(1H)-pyrimidinone

[489-59-8]  $C_9H_{13}N_3O_5$  243.22

NI24672 10mg \$149.90  
 25mg \$272.50  
 50mg \$496.00



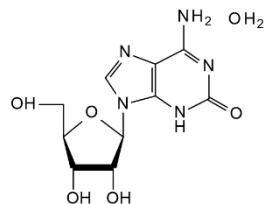
Refs: Dorskocil, J. et al, Nuc. Acid Res, 1, 1209 (1974); Chen, X. et al, Am. J. Chem. Soc, 123, 1267 (2001)

**Isoguanosine hydrate**

• 2-Hydroxy-D-adenosine hydrate  
 • Crotonoside

[359436-55-8]  $C_{10}H_{13}N_5O_5 \cdot H_2O$  301.26

NI07234 5mg \$68.00  
 10mg \$100.00  
 25mg \$195.00



Refs: Divakar KJ. et al, J.Chem.Soc. Perkin Trans, 1991, 1, p771; Montsch HH. et al, Biochemistry, 1975, 14, p5593; Hagen C, Biochim. Biophys. Acta, 1973, 293, p105; Huang M, et al, J. Med. Chem, 1972, 15, p462

**Isoguanosine triacetate**

see 2',3',5'-Tri-O-acetylisoguanosine, NT07233 on page 372

**Isoguanosine**

see 9-(β-D-Ribofuranosyl)isoguanine, NR09651 on page 351

**N6-Isopentenyladenosine-5'-monophosphate sodium salt**

• 6-(3,3-dimethylallylamino)-9-β-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate

[20268-93-3]  $C_{15}H_{20}N_5Na_2O_7 \cdot P \cdot H_2O$  477.32

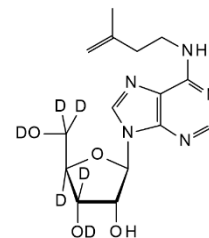
NI30240 1mg \$450.00  
 2mg \$700.00  
 5mg \$1475.00

**N6-Isopentenyladenosine-D6**

$C_{15}H_{15}N_5O_4D_6$  341.39

NI09914

Price On Application

**N6-(2-Isopentenyl)adenosine**

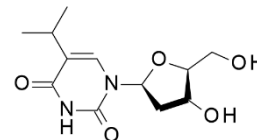
see 6-(3,3-Dimethylallylamino)-9-(β-D-ribofuranosyl)purine, ND08001 on page 251

**5-Isopropyl-2'-deoxyuridine**

• 2'-Deoxy-5-(1-methylethyl)uridine  
 • 2'-Deoxy-5-isopropyluridine  
 • 5-Isopropyldeoxyuridine

[60136-25-6]  $C_{12}H_{18}N_2O_5$  270.28

NI16765 1mg \$139.90  
 2mg \$254.40  
 5mg \$462.50



Refs: Levin, R, et al, Cancer, 72, 2895 (1993); Cook, G, et al, Chem. Biol, 6, 451 (1999)

**5-Isopropyldeoxyuridine**

see 5-Isopropyl-2'-deoxyuridine, NI16765 on page 298

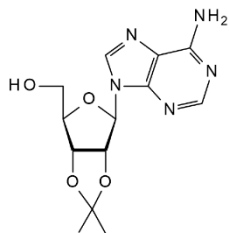
**2',3'-Isopropylideneadenosine-5'-carboxylic acid**

see 5'-Carboxy-2',3'-O-isopropylideneadenosine, NC07451 on page 138

**2',3'-O-Isopropylideneadenosine**[362-75-4] C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub> 307.31

NI05151

25g	\$50.00
50g	\$85.00
100g	\$150.00

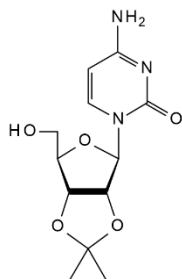
**2',3'-O-Isopropylidene-5-chlorocytidine**

see 5-Chloro-5'-deoxy-2',3'-O-isopropylidencytidine, NC04653 on page 144

**2',3'-O-Isopropylidencytidine**[362-42-5] C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 283.28

NI08545

5g	\$70.00
10g	\$110.00
25g	\$220.00

**2',3'-Isopropylidene-guanosine**

see 2',3'-O-Isopropylidene-guanosine, NI06120 on page 299

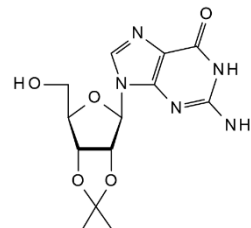
**2',3'-O-Isopropylidene-guanosine**

- 9-(2,3-O-Isopropylidene-b-D-ribofuranosyl)guanine
- 2',3'-Isopropylidene-guanosine

[362-76-5] C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 323.31

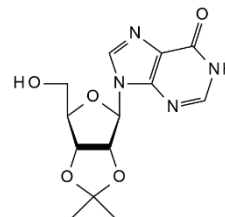
NI06120

10g	\$42.00
25g	\$79.00
50g	\$118.50

**2',3'-O-Isopropylideneinosine**[2140-11-6] C<sub>13</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub> 308.3

NI03500

10g	\$42.00
25g	\$79.00
50g	\$118.50

**2',3'-O-Isopropylidene-6-mercaptopurine riboside**

see 2',3'-O-Isopropylidene-6-thiinosine, NI08025 on page 300

**9-(2,3-O-Isopropylidene-b-D-ribofuranosyl)guanine**

see 2',3'-O-Isopropylidene-guanosine, NI06120 on page 299

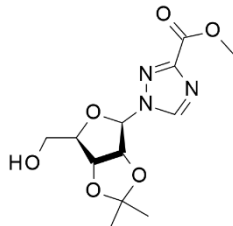
**Isopropylide****1-[2,3-O-Isopropylidene-b-D-ribofuranosyl]-1,2,4-triazole-3-carboxylic acid methyl ester**

- 1-[2,3-O-(1-Methylethylidene)-b-D-ribofuranosyl]-1H-1,2,4-triazole-3-carboxylic acid methyl ester

[594860-43-2] C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub> 299.28

NI16557

10mg	\$149.90
25mg	\$272.50
50mg	\$496.00



Refs: Wang, G, et al, Nucleosides, Nucleotides &amp; Nucleic Acids, 23, 317 (2004)

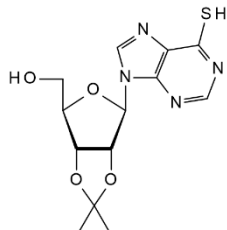
**2',3'-O-Isopropylidene-6-thioinosine**

- 2',3'-O-Isopropylidene-6-mercaptapurine riboside
- 6-Mercapto-9-(2,3-O-isopropylidene-b-D-ribofuranosyl)purine

[5856-48-4] C<sub>13</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>S 324.36

NI08025

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

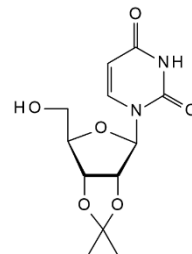
**2',3'-O-Isopropylideneuridine**

- Isopropylideneuridine

[362-43-6] C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 284.27

NI05371

10g	\$50.00
25g	\$65.00
50g	\$110.00



Refs: Czuchajowski L, Habdas J, Niedbala H, Wandrekar V, J. Heterocycl. Chem. 1992, Vol29, No2, p479-486

**Isopropylideneuridine**

see 2',3'-O-Isopropylideneuridine, NI05371 on page 300

**2-Isopropyl-4-pyrimidinecarbaldehyde**[944901-13-7] C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O 150.18

NI57443

250mg	\$90.00
500mg	\$145.00
1g	\$339.70

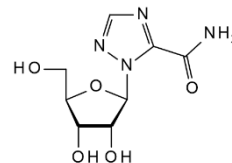
**Isoribavirin**

- Ribavirin Impurity G
- 1-b-D-Ribofuranosyl-1H-1,2,4-triazole-5-carboxamide

[39030-43-8] C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 244.21

NI09827

1mg	\$157.50
2mg	\$262.50
5mg	\$498.80





**Kinetin riboside-5'-diphosphate sodium salt**

NK76187

Price On Application

**Kinetin riboside-5'-monophosphate sodium salt**

• 6-furfurylamino-9-b-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate

[13484-67-8] C<sub>15</sub>H<sub>16</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>8</sub>P·H<sub>2</sub>O 489.29

NK30244

1mg	\$325.00
2mg	\$500.00
5mg	\$900.00

**Kinetin riboside-5'-triphosphate sodium salt**

NK76188

25mg \$5000.00

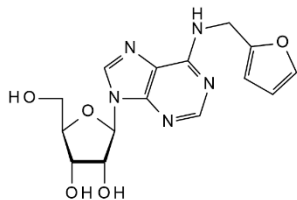
**Kinetin riboside**

- 6-Furfurylamino-9-b-D-ribofuranosylpurine-5'-monophosphate
- N6-Furfuryladenine
- 9-(b-D-Ribofuranosyl)-6-furfurylamino-9-b-D-ribofuranosylpurine

[4338-47-0] C<sub>15</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub> 347.33

NK06717

500mg	\$85.00
1g	\$160.00
2g	\$300.00



Refs: Cancer Res. 1960, 20, p1362; Virology 1969, 38, p26; Miller CO, Skoog F, Okumura FS, von Saltza FH, et al, J. Am. Chem. Soc. 1955, Vol77, p2662

**Lamivudine acid**

• (2R-cis)-5-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolane-2-carboxylic acid

[173829-09-9] C<sub>8</sub>H<sub>9</sub>N<sub>3</sub>O<sub>4</sub>S 243.24

NL34824

10mg	\$190.00
25mg	\$375.00
50mg	\$650.00

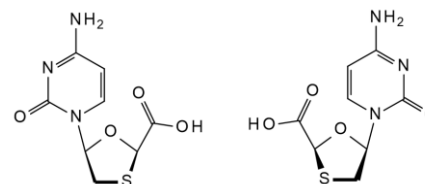
**rac-Lamivudine acid**

• cis-5-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolane-2-carboxylic acid

[173602-25-0] C<sub>8</sub>H<sub>9</sub>N<sub>3</sub>O<sub>4</sub>S 243.24

NL27534

5mg	\$150.00
10mg	\$272.60
25mg	\$496.00



Refs: Dwyer, O, Synlett, 11, 1163 (1995)

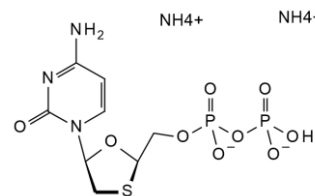
**Lamivudine 5'-diphosphate ammonium salt**

• P-[[[(2R,5S)-5-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolan-2-yl]methyl] ester diphosphoric acid ammonium salt

[1187058-41-8] C<sub>8</sub>H<sub>19</sub>N<sub>5</sub>O<sub>9</sub>P<sub>2</sub>S 423.28

NL24830

1mg	\$965.20
2mg	\$1754.90
5mg	\$3190.70



Refs: Soudeyns, H, et al, Antimicrob. Agents Chemother, 35, 1386 (1991); Denapoli, L, et al, Nucleosides Nucleotides, 12, 21 (1993)



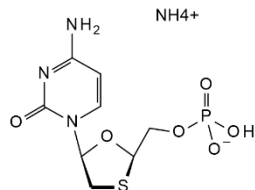
**Lamivudinemo****Lamivudine 5'-monophosphate ammonium salt**

- 4-Amino-1-[(2R,5S)-2-[(phosphonoxy)methyl]-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone ammonium salt
- 2',3'-Dideoxy-3'-thia-cytidine-5'-monophosphate

[1187058-40-7] C<sub>8</sub>H<sub>15</sub>N<sub>4</sub>O<sub>6</sub>PS 326.27

NL24831

1mg	\$272.60
2mg	\$495.50
5mg	\$900.90



Refs: Soudeyns, H. et al, *Antimicrob. Agents Chemother.*, 35, 1386 (1991); Denapoli, L. et al, *Nucleosides Nucleotides*, 12, 21 (1993)

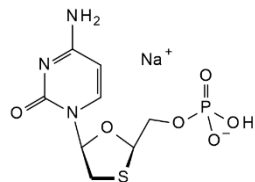
**Lamivudine 5'-monophosphate sodium salt**

- 4-Amino-1-[(2R,5S)-2-[(phosphonoxy)methyl]-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone sodium salt

C<sub>8</sub>H<sub>11</sub>N<sub>3</sub>O<sub>6</sub>PSNa 331.22

NL28880

Price On Application

**Lamivudine 5'-monophosphate triethylammonium salt**

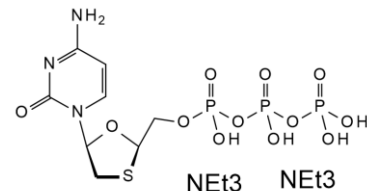
NL15332

1mg	\$504.00
2mg	\$882.00
5mg	\$1890.00

**Lamivudine 5'-triphosphate triethylammonium salt**[1187058-42-9] C<sub>20</sub>H<sub>46</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub>S 673.59

NL15940

500ug	\$195.00
1mg	\$325.00
2mg	\$640.00

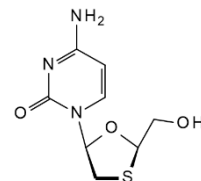
**Lamivudine**

- 3TC
- 2',3'-Dideoxy-3'-thiacytidine
- (-)-BCH-189

[134678-17-4] C<sub>8</sub>H<sub>11</sub>N<sub>3</sub>O<sub>3</sub>S 229.26

NL06295

5g	\$65.00
10g	\$95.00
25g	\$160.00

**Lauroyl coenzyme A**

- n-Dodecanoyl coenzyme A

[6244-92-4] C<sub>33</sub>H<sub>58</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S 949.84

NL47197

5mg	\$125.00
10mg	\$230.00
25mg	\$425.00

**N6-Lauroylcordycepin**

see 3'-Deoxy-N6-lauroyladenosine, ND10014 on page 212

## LDA

NL01000

Price On Application



## Leustatin

see 2-Chloro-2'-deoxyadenosine, NC06337 on page 141

## Levovir

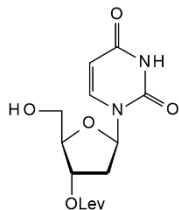
see Clevudine, NC09470 on page 153

## 3'-O-Levinoylthymidine

C<sub>14</sub>H<sub>18</sub>N<sub>2</sub>O<sub>7</sub> 326.3

NL06915

Price On Application

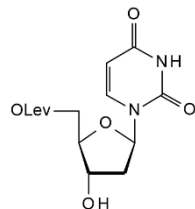


## 5'-O-Levinoylthymidine

C<sub>14</sub>H<sub>18</sub>N<sub>2</sub>O<sub>7</sub> 326.3

NL06916

Price On Application



## Linoleoyl coenzyme A

• cis,cis-9,12-Octadecadienoyl coenzyme A

[6709-57-5] C<sub>38</sub>H<sub>68</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S 1029.97

NL47198

5mg	\$200.00
10mg	\$350.00
20mg	\$600.00



## LNA-G diol

see 1-(2'-O-4-C-Methylene-b-D-ribofuranosyl)guanine, NM08152 on page 317

## Lodenosine

see 6-Amino-9-(2',3'-dideoxy-2'-fluoro-b-D-arabinofuranosyl)purine, NA05179 on page 51

## 5-Iodo-1-(b-D-ribofuranosyl)uracil

see 5-Iodouridine, NI02225 on page 295

## Loxoribine

see 7-Allyl-7,8-dihydro-8-oxoguanosine, NA07175 on page 32

## Lysidine

see (2S)-2-Amino-6-((4-amino-1-[(2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-1,2-dihydropyrimidin-2-ylidene)amino)hexanoic acid, NA46541 on page 36

## Malonyl coenzyme A lithium salt - 90%

[108347-84-8] C<sub>24</sub>H<sub>38</sub>N<sub>7</sub>O<sub>18</sub>P<sub>3</sub>S·xLi 853.58 (free acid basis)

NM47199

2mg	\$70.00
5mg	\$125.00
10mg	\$225.00



**Malonylcoenz****Malonyl coenzyme A lithium salt - 97%**

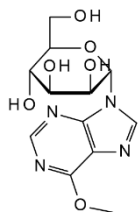
[108347-84-8]  $C_{24}H_{38}N_7O_{19}P_3S \cdot xLi$  853.58 (free acid basis)  
 NM59495 5mg \$125.00  
 10mg \$230.00  
 25mg \$475.00

**1-( $\alpha$ -D-Mannopyranosyl)-6-methoxypurine**

$C_{12}H_{16}N_4O_6$  312.28

NM13189

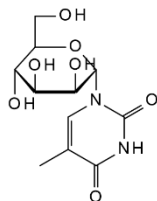
Price On Application

**1-( $\alpha$ -D-Mannopyranosyl)thymine**

$C_{11}H_{16}N_2O_7$  288.75

NM09535

Price On Application

**MANT-ADP**

see 2'/3'-O-(*N*-Methylanthraniloyl)-adenosine-5'-diphosphate triethylammonium salt, NM29546 on page 311

**2'-Mant-3'-dATP**

see 2'-O-(*N*-Methylanthraniloyl)-3'-deoxy-adenosine-5'-triphosphate triethylammonium salt, NM29550 on page 312

**MANT-GTP $\gamma$ S**

see 2-/3--O-(*N*-Methylanthraniloyl)guanosine-5'-( $\gamma$ -thio)triphosphate triethylammonium salt, NM29593 on page 312

**6-Me-ATP.Na**

see *N*6-Methyladenosine-5'-triphosphate sodium salt - 10 mM aqueous solution, NM71656 on page 309

**2'-O-Me-ATP**

see 2'-O-Methyladenosine 5'-triphosphate lithium salt - 100 mM aqueous solution, NM58209 on page 309

**6-Me-ATP**

see *N*6-Methyladenosine-5'-triphosphate lithium salt - 100 mM aqueous solution, NM71655 on page 309

**2-Me-cGMP**

see *N*2-Methylguanosine-3',5'-cyclic monophosphate, NM46114 on page 317

**2'-O-Me-CTP**

see 2'-O-Methylcytidine 5'-triphosphate lithium salt - 100mM aqueous solution, NM58210 on page 314

**N4-Me-CTP**

see *N*4-Methylcytidine 5'-triphosphate triethylammonium salt, NM71657 on page 315

**5-MedCMP**

see 2'-Deoxy-5-methylcytidine-5'-monophosphate disodium salt, ND10012 on page 214

**N4-Me-dC**

see 2'-Deoxy-*N*4-methylcytidine, ND153424 on page 214

**2'-O-Me-GTP**

see 2'-O-Methylguanosine 5'-triphosphate lithium salt - 100mM aqueous solution, NM58211 on page 317

**2'-C-MeG**

see 2'-C-Methylguanosine, NM07819 on page 318

**N2-MeIQx-deoxyguanosine**

see *N*-(2-Amino-3,8-dimethylimidazo[4,5-*f*]quinoxalin-5-yl) 2'-deoxyguanosine, NA16594 on page 53

**5-Me-2'-O-MOE-C**

see 2'-O-(2-Methoxyethyl)-5-methylcytidine, NM36299 on page 307

**6-Mercapto-9-(b-D-arabinofuranosyl)purine**

see 6-Thio-9-(b-D-arabinofuranosyl)purine, NM06321 on page 358

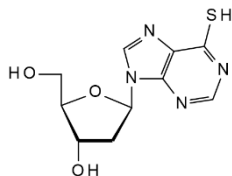
**6-Mercapto-9-(2'-deoxy-b-D-ribofuranosyl)purine**

- 2'-Deoxy-6-thioinosine
- 6-Thiopurine-2'-deoxyriboside
- 6-Mercaptopurine-2'-deoxyriboside

[2239-64-7][2293-64-7] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>3</sub>S 268.29

NM02964

5mg	\$85.00
10mg	\$150.00
25mg	\$275.00

**4-Mercaptoguanosine**

see 4'-Thioguanosine, NG74932 on page 360

**6-Mercaptoguanosine**

see 6-Thioguanosine, NT04480 on page 360

**8-Mercaptoguanosine**

see 8-Thioguanosine, NT07601 on page 360

**2-Mercapto-6-hydroxyazapurine**

see 8-Aza-6-hydroxy-2-mercaptapurine, NA66851 on page 78

**6-Mercapto-9-(2,3-O-isopropylidene-b-D-ribofuranosyl)purine**

see 2',3'-O-Isopropylidene-6-thioinosine, NI08025 on page 300

**6-Mercaptopurine-2'-deoxyriboside**

see 6-Mercapto-9-(2'-deoxy-b-D-ribofuranosyl)purine, NM02964 on page 305

**6-Mercaptopurine riboside**

see 6-Thioinosine, NT08808 on page 360

**2-MeS-ATP**

see 2-Methylthioadenosine-5'-triphosphate, NM72044 on page 324

**MESG**

see 7-Methyl-6-thioguanosine inner salt, NM06560 on page 325

**Mesoxalylurea**

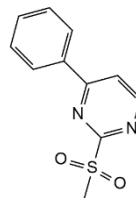
see Alloxan tetrahydrate, NA71089 on page 31

**2-Methanesulfonyl-4-phenyl-pyrimidine**

[56734-11-3]

NM44265

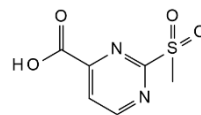
50mg	\$84.00
100mg	\$134.00
250mg	\$215.00

**2-Methanesulfonylpyrimidine-4-carboxylic acid**

[1370411-46-3]

NM44338

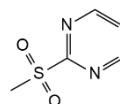
Price On Application

**2-Methanesulfonyl-pyrimidine**

[14161-09-2]

NM44273

250mg	\$90.00
500mg	\$145.00
1g	\$234.40

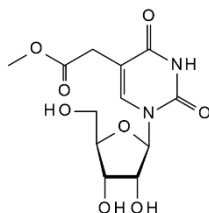
**N6-(2-Methoxybenzyl)adenosine**

see o-Methoxytopolin riboside, NM30298 on page 308

**Methoxybenzy****N6-(3-Methoxybenzyl)adenosine**see *m*-Methoxytopolin riboside, NM30295 on page 308**6-(2-Methoxybenzylamino)-9-β-D-ribofuranosylpurine**see *o*-Methoxytopolin riboside, NM30298 on page 308**6-(3-Methoxybenzylamino)-9-β-D-ribofuranosylpurine**see *m*-Methoxytopolin riboside, NM30295 on page 308**5-Methoxycarbonylmethyluridine**[29428-50-0] C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub> 316.26

NM45525

5mg	\$105.00
10mg	\$195.00
25mg	\$375.00

**2-Methoxy-2'-deoxyadenosine**

see 2'-Deoxy-2-methoxyadenosine, ND15747 on page 213

**2'-O-(2-Methoxyethyl)adenosine 5'-monophosphate**

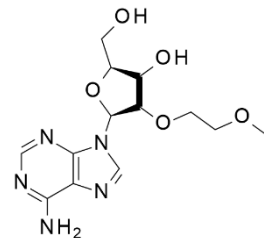
NM71848

Price On Application

**2'-O-(2-Methoxyethyl)adenosine**[168427-74-5] C<sub>13</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 325.32

NM16784

1g	\$295.00
2g	\$500.00
5g	\$975.00



Refs: Martin, P., et al, Helv. Chim. Acta, 78, 486

**4-(2-Methoxyethylamino)-2-(Methylthio)Pyrimidine-5-Carboxylic Acid**[76360-92-4] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>S 243.28

NM57390

25mg	\$116.50
50mg	\$227.50
100mg	\$364.00

**2'-O-(2-Methoxyethyl)guanosine 5'-monophosphate**

NM71847

Price On Application

**2'-O-(2-Methoxyethyl)guanosine**

• 2'-O-MOE-Guanosine

[473278-54-5] C<sub>13</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub> 341.32

NM57537

250mg	\$67.50
500mg	\$115.00
1g	\$200.00



**2'-O-(2-Methoxyethyl)-5-methylcytidine 5'-monophosphate**

NM71850

Price On Application

**2'-O-(2-Methoxyethyl)-5-methylcytidine**

• 5-Me-2'-O-MOE-C

[244105-55-3] C<sub>13</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub> 315.32

NM36299

250mg	\$85.00
500mg	\$150.00
1g	\$250.00

**2'-O-(2-Methoxyethyl)-5-methyluridine 5'-monophosphate**

NM71849

Price On Application

**2'-O-(2-Methoxyethyl)-5-methyluridine**• 2'-O-Methoxyethyl-thymidine  
• 2'-O-MOE-T[163759-49-7] C<sub>13</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub> 316.31

NM57538

250mg	\$85.00
500mg	\$150.00
1g	\$250.00

**2-(2-Methoxyethyl)pyrimidine-5-carbaldehyde**[876717-41-8] C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub> 166.18

NM57430

250mg	\$72.50
500mg	\$115.00
1g	\$251.20

**2'-O-Methoxyethyl-thymidine**

see 2'-O-(2-Methoxyethyl)-5-methyluridine, NM57538 on page 307

**2'-O-(2-Methoxyethyl)uridine**[223777-15-9] C<sub>12</sub>H<sub>18</sub>N<sub>2</sub>O<sub>7</sub> 302.28

NM16314

100mg	\$60.00
250mg	\$125.00
500mg	\$200.00

**5-Methoxymethyl-2'-deoxyuridine**[5116-22-3] C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 272.25

NM34075

5mg	\$110.30
10mg	\$183.80
25mg	\$420.00

**2-(Methoxymethyl)-5-pyrimidinecarbaldehyde**[959240-25-6] C<sub>7</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub> 152.15

NM57442

250mg	\$72.50
500mg	\$115.00
1g	\$238.10

**4-(4-Methoxyphenyl)pyrimidin-2-amine**

see 2-Amino-4-(4-methoxyphenyl)pyrimidine, NA57406 on page 57

**Methoxypheny****4-(4-Methoxyphenyl)-2-pyrimidinethiol**[175202-77-4] C<sub>11</sub>H<sub>10</sub>N<sub>2</sub>OS 218.28

NM57412

1g	\$90.80
2g	\$167.60
5g	\$395.30

**2-Methoxy-pyrimidin-4-ylamine**

see 4-Amino-2-methoxypyrimidine, NA57396 on page 58

**m-Methoxytopolin riboside**

- 6-(3-Methoxybenzylamino)-9-b-D-ribofuranosylpurine
- N6-(3-Methoxybenzyl)adenosine

[101565-95-1] C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 387.39

NM30295

50mg	\$62.50
100mg	\$95.00
250mg	\$175.00

**o-Methoxytopolin riboside**

- N6-(2-Methoxybenzyl)adenosine
- 6-(2-Methoxybenzylamino)-9-b-D-ribofuranosylpurine

[23660-98-2] C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 387.39

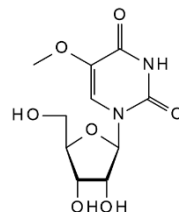
NM30298

100mg	\$190.00
250mg	\$325.00
500mg	\$450.00

**5-Methoxyuridine**[35542-01-9] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>7</sub> 274.23

NM08028

5mg	\$65.00
10mg	\$90.00
25mg	\$150.00

**2'-Methyl-adenosine-(benzoyl)-succinyl-CPG; 500 Å (RNA)**

NM11622

250mg	\$197.50
500mg	\$315.00
1g	\$525.00

**2'-Methyl-adenosine-(Bz)-succinyl-CPG; 500 Å (RNA)**

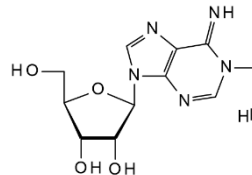
NM11623

1g	\$420.00
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**N1-Methyladenosine hydroiodide**[34308-25-3] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub>·HI 409.18

NM08030

25mg	\$89.50
50mg	\$157.50
250mg	\$262.50

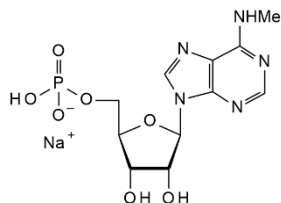




**N6-Methyladenosine-5'-monophosphate sodium salt**[81921-35-9] C<sub>11</sub>H<sub>14</sub>N<sub>5</sub>O<sub>7</sub>P·Na<sub>2</sub> 405.21

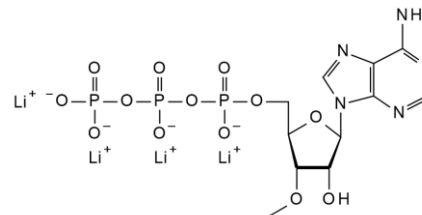
NM10586

5mg	\$80.00
10mg	\$120.00
25mg	\$200.00

**3'-O-Methyladenosine 5'-triphosphate lithium salt**[30993-48-7 (free acid)] C<sub>11</sub>H<sub>14</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·Li<sub>4</sub> 544.94

NM46050

1mg	\$325.00
2mg	\$590.00
5mg	\$1300.00

**2'-O-Methyladenosine 5'-monophosphate**

• 2'-O-Methyl-AMP

[28516-86-1] C<sub>11</sub>H<sub>16</sub>N<sub>5</sub>O<sub>7</sub>P 361.25

NM71637

100mg	\$350.00
250mg	\$550.00
500mg	\$800.00

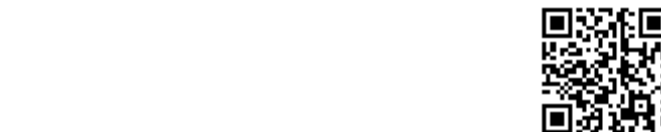
**N6-Methyladenosine-5'-triphosphate lithium salt - 100 mM aqueous solution**

• 6-Me-ATP

[3130-39-0] C<sub>11</sub>H<sub>18</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·xLi 521.21 (free acid basis)

NM71655

500ug	\$75.00
1mg	\$145.00
2mg	\$240.00

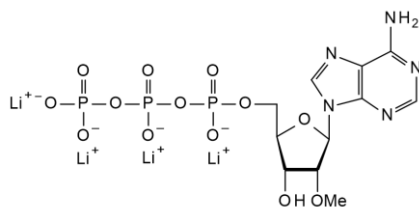
**2'-O-Methyladenosine 5'-triphosphate lithium salt - 100 mM aqueous solution**

• 2'-O-Me-ATP

[42467-24-3 (free acid)] C<sub>11</sub>H<sub>18</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·xLi 521.21 (free acid basis)

NM58209

1mg	\$95.00
2.5mg	\$200.00
5mg	\$295.00

**2'-O-Methyladenosine-5'-triphosphate sodium salt - 100mM aqueous solution**

• 2'OMe-ATP.Na

[42467-24-3 (free acid)] C<sub>11</sub>H<sub>18</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>·xNa 521.21 (free acid basis)

NM157272

2.5mg	\$150.00
5mg	\$250.00
10mg	\$390.00

**N6-Methyladenosine-5'-triphosphate sodium salt - 10 mM aqueous solution**

• 6-Me-ATP.Na

[3130-39-0] C<sub>11</sub>H<sub>18</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 521.21

NM71656

1mg	\$225.00
2mg	\$290.00
5mg	\$625.00



**Methyladenos****2'-C-Methyladenosine 5'-triphosphate triethyl ammonium salt - Aqueous solution**C<sub>35</sub>H<sub>79</sub>N<sub>9</sub>O<sub>13</sub>P<sub>3</sub> 926.98

NM29122

Price On Application

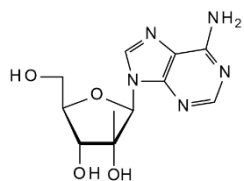
**2'-C-Methyladenosine**

• 2'-C-Methyladenosine

[15397-12-3] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

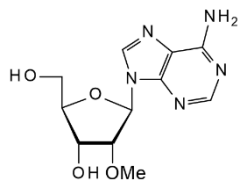
NM07917

50mg	\$55.00
100mg	\$85.00
250mg	\$150.00

**2'-O-Methyladenosine**[2140-79-6] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

NM05694

250mg	\$50.00
500mg	\$75.00
1g	\$100.00



Refs: Wei et al, Proc. Nat. Acad.Sci, 1975, 72, p318; Yamada et al, Cell. Mol. Life Sci, 1998, 54, p125

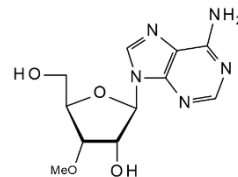
**2-Methyladenosine**

see C2-Methyladenosine, NM46832 on page 310

**3'-O-Methyladenosine**[10300-22-8] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

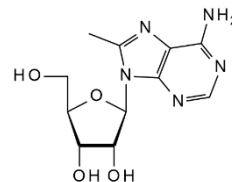
NM03526

50mg	\$115.50
100mg	\$210.00
250mg	\$342.50

**8-Methyladenosine**[56973-12-7] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

NM08548

10mg	\$75.00
25mg	\$120.00
50mg	\$184.00

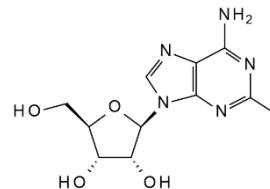
**C2-Methyladenosine**

• 2-Methyladenosine

[16526-56-0] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

NM46832

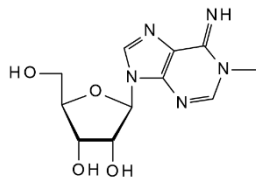
1mg	\$300.00
2mg	\$500.00
5mg	\$1000.00



**N1-Methyladenosine**[15763-06-1] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

NM03697

100mg	\$95.00
250mg	\$172.50
500mg	\$265.00

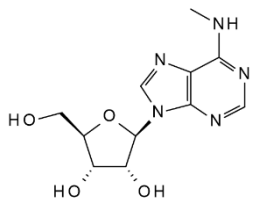
**N6-Methyladenosine**

• (-)-6-(Methylamino)purine riboside

[60209-41-8][1867-73-8] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 281.27

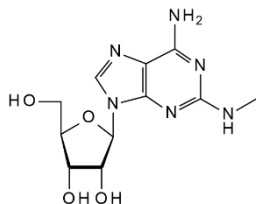
NM32281

500mg	\$70.00
1g	\$125.00
2g	\$190.00

**2-Methylaminoadenosine**[13364-95-9] C<sub>11</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub> 296.28

NM63327

Price On Application

**2-[4-[(Methylamino)carbonyl]-1H-pyrazol-1-yl]-adenosine**

see Regadenoson, NR07283 on page 348

**(-)-6-(Methylamino)purine riboside**

see N6-Methyladenosine, NM32281 on page 311

**2'-O-Methyl-AMP**

see 2'-O-Methyladenosine 5'-monophosphate, NM71637 on page 309

**2'/3'-O-(N-Methylantraniloyl)-adenosine-5'-diphosphate triethylammonium salt**

• MANT-ADP

C<sub>18</sub>H<sub>22</sub>N<sub>6</sub>O<sub>11</sub>P<sub>2</sub> 560.35

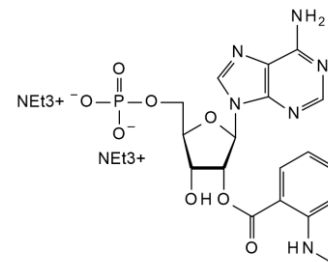
NM29546

Price On Application

**2'/3'-O-(N-Methylantraniloyl)-adenosine-5'-monophosphate triethylammonium salt**[1116020-97-3][85287-53-2 (free acids)] C<sub>18</sub>H<sub>21</sub>N<sub>6</sub>O<sub>8</sub>P 480.37 (free acid)

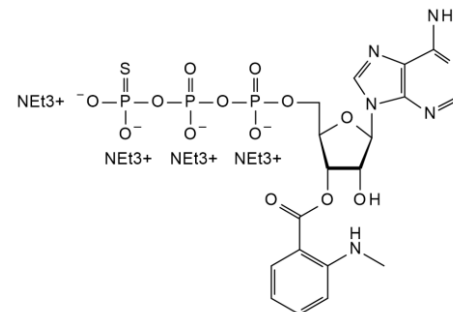
NM29545

Price On Application

**2'/3'-O-(N-Methyl-antraniloyl)-adenosine-5'-(gamma-thio)-triphosphate triethylammonium salt**[1809315-85-2] C<sub>18</sub>H<sub>23</sub>N<sub>6</sub>O<sub>13</sub>P<sub>3</sub>S 656.40 (free acid)

NM29588

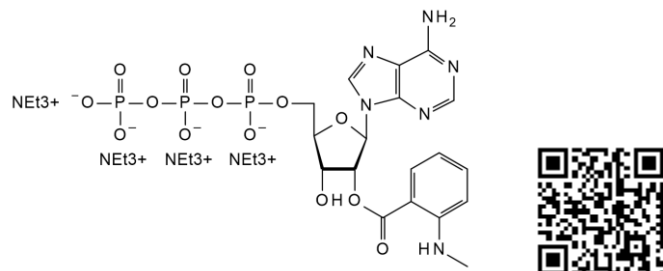
Price On Application



**Methylantra****2'/3'-(N-Methylantraniloyl)-adenosine-5'-triphosphate triethylammonium salt**

[175737-77-6][175737-81-2 (free acids)]  $C_{18}H_{23}N_6O_{14}P_3$  640.33 (free acid)  
 1mg \$360.00  
 2mg \$520.00  
 5mg \$725.00

NM29547

**2-/3--O-(N-Methylantraniloyl)guanosine-5'-(γ-thio)triphosphate triethylammonium salt**

• MANT-GTPγS

$C_{18}H_{20}N_6O_{14}P_3S$  669.37

NM29593

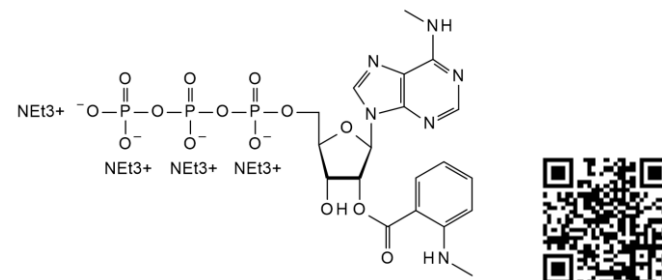
Price On Application

**2'/3'-O-(N-Methylantraniloyl)-N6-methyl-adenosine-5'-triphosphate triethylammonium salt**

$C_{19}H_{25}N_6O_{14}P_3$  654.36 (free acid)

NM29548

Price On Application

**N4-Methyl-5-azacytidine**

[27826-76-2]  $C_9H_{14}N_4O_5$  258.23

NM46062

Price On Application

**5'-(4-Methylbenzenesulfonate)**

see 5'-Tosyl-2'-deoxy cytidine, NT16566 on page 368

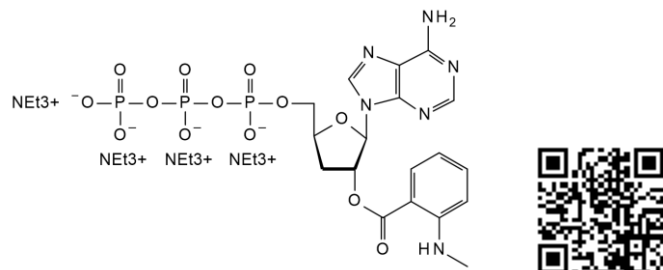
M

**2'-O-(N-Methylantraniloyl)-3'-deoxy-adenosine-5'-triphosphate triethylammonium salt**

• 2'-Mant-3'-dATP

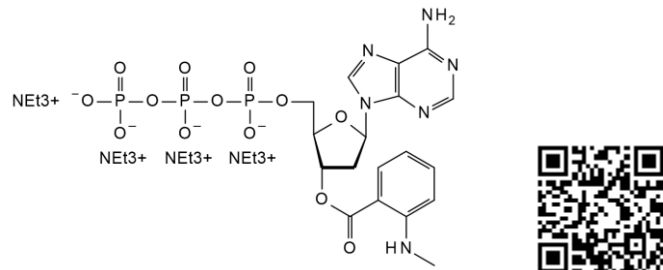
[313378-46-0 (free acid)]  $C_{18}H_{23}N_6O_{13}P_3$  624.33 (free acid) Price On Application

NM29550

**3'-(N-Methyl-antraniloyl)-2'-deoxy-adenosine-5'-triphosphate triethylammonium salt**

[128113-53-1 (free acid)]  $C_{18}H_{23}N_6O_{13}P_3$  624.33 (free acid) Price On Application

NM29549



**Methyl 2-chloro-6-methylpyrimidine-4-carboxylate**

• 2-Chloro-6-methyl-pyrimidine-4-carboxylic acid methyl ester

[89793-11-3] C<sub>7</sub>H<sub>7</sub>ClN<sub>2</sub>O<sub>2</sub> 186.6

NM57398

1g	\$92.10
2g	\$147.40
5g	\$390.80

**b-Methylcrotonyl coenzyme A lithium salt**

[108347-83-7]

NM157477

50mg	\$1325.00
100mg	\$2100.00
250mg	\$4160.00

**5-Methyl-CTP**

see 5-Methylcytidine-5'-triphosphate sodium salt - 100mM aqueous solution, NM11441 on page 314

**2'-Methyl-cytidine-(Bz)-succinyl-CPG; 500 Å (RNA)**

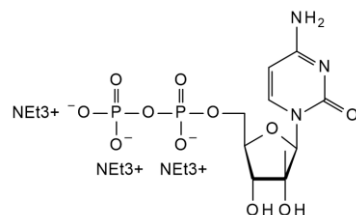
NM11612

250mg	\$197.50
500mg	\$315.00
1g	\$525.00

**2'-C-Methylcytidine 5'-diphosphate triethylammonium salt**[640725-72-0 (free acid)] C<sub>10</sub>H<sub>17</sub>N<sub>3</sub>O<sub>11</sub>P<sub>2</sub> 417.2

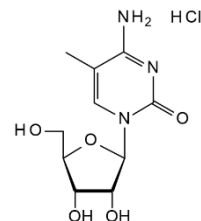
NM29279

5mg	\$1025.00
10mg	\$1750.00

**5-Methylcytidine HCl**C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub>·HCl 293.71

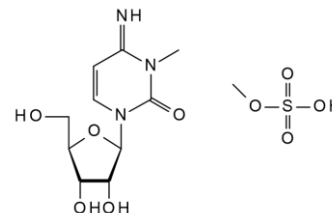
NM08573

250mg	\$157.50
500mg	\$265.00
1g	\$472.50

**N3-Methylcytidine methosulfate**[21028-20-6] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub>·CH<sub>3</sub>SO<sub>4</sub> 369.35

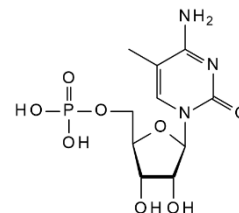
NM02913

25mg	\$72.50
50mg	\$105.00
100mg	\$158.00

**5-Methylcytidine-5'-monophosphate**[3590-36-1] C<sub>10</sub>H<sub>16</sub>N<sub>3</sub>O<sub>6</sub>P 337.22

NM29555

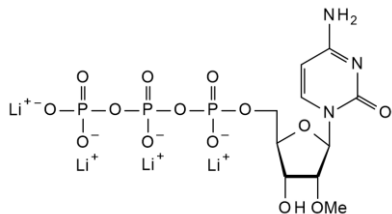
25mg	\$656.50
50mg	\$997.50
100mg	\$1733.00



**Methylcytid****2'-O-Methylcytidine 5'-triphosphate lithium salt - 100mM aqueous solution**

## • 2'-O-Me-CTP

[143028-98-2 (free acid)]	$C_{10}H_{18}N_5O_{14}P_3 \cdot xLi$	497.18 (free acid basis)		
		1mg	\$95.00	
NM58210		2.5mg	\$200.00	
		5mg	\$295.00	

**2'-O-Methylcytidine-5'-triphosphate sodium salt - 100mM aqueous solution**

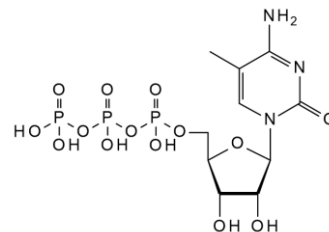
## • 2'OMe-CTP.Na

[143028-98-2 (free acid)]	$C_{10}H_{18}N_5O_{14}P_3 \cdot xNa$	497.18 (free acid basis)		
		2.5mg	\$150.00	
NM157273		5mg	\$250.00	
		10mg	\$390.00	

**5-Methylcytidine-5'-triphosphate sodium salt - 100mM aqueous solution**

## • 5-Methyl-CTP

[327174-86-7]	$C_{10}H_{18}N_5O_{14}P_3 \cdot xNa$	497.18 (free acid basis)		
		1mg	\$395.00	
NM11441		2mg	\$590.00	
		5mg	\$1375.00	

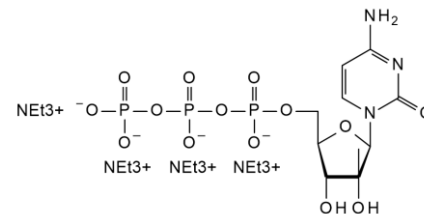
**2'-C-Methylcytidine 5'-triphosphate tetraTEA salt**

see 2'-C-Methylcytidine 5'-triphosphate triethylammonium salt - Aqueous Solution, NM29280 on page 314

**2'-C-Methylcytidine 5'-triphosphate triethylammonium salt - Aqueous Solution**

## • 2'-C-Methylcytidine 5'-triphosphate tetraTEA salt

[374750-28-4 (free acid)]	$C_{10}H_{18}N_5O_{14}P_3 \cdot 4C_6H_{15}N$	901.94		
		1mg	\$250.00	
NM29280		2mg	\$390.00	
		5mg	\$750.00	

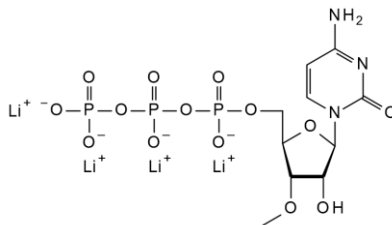


M

**3'-O-Methylcytidine 5'-triphosphate lithium salt**

## • 3'-OMeCTP

[69113-64-0 (free acid)]	$C_{10}H_{14}N_5O_{14}P_3 \cdot Li_4$	520.92		
		1mg	\$325.00	
NM46051		2mg	\$590.00	
		5mg	\$1300.00	

**5-Methylcytidine-5'-triphosphate lithium salt - 100 mM solution in H2O**

$C_{10}H_{18}N_5O_{14}P_3 \cdot xLi$	497.18 (free acid basis)		
		1mg	\$395.00
NM36295		2mg	\$590.00
		5mg	\$975.00



**N4-Methylcytidine 5'-triphosphate triethylammonium salt**

• N4-Me-CTP

C<sub>10</sub>H<sub>16</sub>N<sub>3</sub>O<sub>14</sub>P<sub>3</sub> 497.18

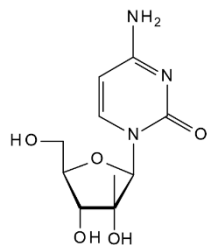
NM71657

Price On Application

**2'-C-Methylcytidine**[20724-73-6] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 257.25

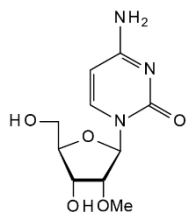
NM07918

100mg	\$60.00
250mg	\$100.00
500mg	\$175.00

**2'-O-Methylcytidine**[2140-72-9] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 257.24

NM06302

500mg	\$50.00
1g	\$80.00
2g	\$124.00

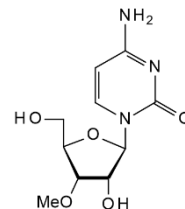


Refs: Inoue H, Hayase Y, Imura A, Iwai S, Miura K, Otsuka E, Nucleic Acids Res. 1987, Aug 11, 15(15), 6131-6148

**3'-O-Methylcytidine**[20594-00-7] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 257.24

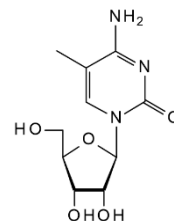
NM06229

10mg	\$42.00
25mg	\$79.00
50mg	\$121.00

**5-Methylcytidine**[2140-61-6] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 257.24

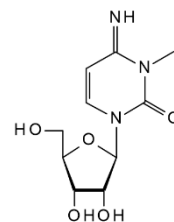
NM03720

500mg	\$70.00
1g	\$110.00
2g	\$180.00

**N3-Methylcytidine**[2140-64-9] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 257.24

NM05757

5mg	\$90.00
10mg	\$155.00
25mg	\$225.00



**Methylcytidi****N4-Methylcytidine**[10578-79-7] C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 257.24

NM76577

10mg	\$68.00
25mg	\$140.00
50mg	\$225.00

**5-Methyl-dCTP**

see 2'-Deoxy-5-methylcytidine-5'-triphosphate sodium salt - 10 mM aqueous solution, ND71642 on page 214

**N4-Methyl-dCTP**

see 2'-Deoxy-N4-methylcytidine 5'-triphosphate lithium salt - 100 mM aqueous solution, ND71658 on page 214

**N4-Methyldeoxycytidine**

see 2'-Deoxy-N4-methylcytidine, ND153424 on page 214

**O6-Methyl-2'-deoxyguanosine**

see 2'-Deoxy-6-O-methyl-guanosine, ND157121 on page 215

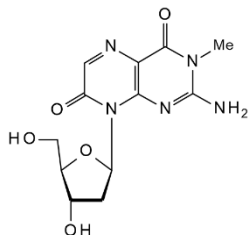
**5-Methyl-2'-deoxyisocytidine**

see 2'-Deoxy-5-methylisocytidine, ND144597 on page 216

**3-Methyl-8-(2-deoxy-b-D-ribofuranosyl)isoxanthopterin**[170379-51-8] C<sub>12</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 309.28

NM04903

1mg	\$160.00
2mg	\$290.00
5mg	\$675.00



Refs: Wojtuszewski K, Hawkins ME, Cole JL, Mukerj I, Biochemistry 2001, 40(8), 2588 -2598

**6-Methyl-3-(b-D-2-deoxyribofuranosyl)pyrrolo[2,3-d]pyrimidin-2-one**

see N-Pyrrolo-2'-deoxycytidine, NP08698 on page 348

**5-Methyl-3'-deoxyuridine**

see 3'-Deoxy-5-methyluridine, ND02776 on page 217

**2'-O-Methyl-2,6-diaminopurine riboside**

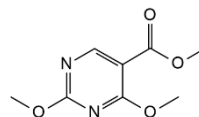
see 2,6-Diamino-9-(2'-O-methyl-b-D-ribofuranosyl)purine, ND08564 on page 231

**Methyl 2,4-dimethoxypyrimidine-5-carboxylate**

[15400-58-5]

NM44304

Price On Application

**5-Methyl-5'-O-DMT-deoxycytidine**

see 2'-Deoxy-5'-O-DMT-5-methylcytidine, ND08559 on page 187

**2'-O-Methyl-5'-O-DMT-D-guanosine**

see 5'-O-DMT-2'-O-methylguanosine, ND08420 on page 260

**2'-O-Methyl-5'-O-DMT-5-methyluridine**

see 5'-O-DMT-2'-O-methyl-5-methyluridine, ND08567 on page 260

**a,b-Methyleneguanosine 5'-diphosphate sodium salt**

• GMPCP

[161308-39-0] C<sub>11</sub>H<sub>17</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>·xNa 441.23 (free acid basis)

NM46113

Price On Application





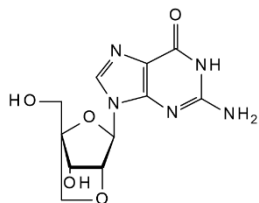
**1-(2'-O-4-C-Methylene-b-D-ribofuranosyl)guanine**

• LNA-G diol

[207131-16-6] C<sub>11</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub> 295.25

Price On Application

NM08152

**3'-O-[(1-Methylethylidene)amino]-thymidine 5'-(tetrahydrogen triphosphate)**

see 3'-O-[(Propan-2-ylidene)amino]-thymidine 5'-triphosphate, NP145591 on page 343

**1-[2,3-O-(1-Methylethylidene)-b-D-ribofuranosyl]-1H-1,2,4-triazole-3-carboxylic acid methyl ester**

see 1-[2,3-O-Isopropylidene-b-D-ribofuranosyl]-1,2,4-triazole-3-carboxylic acid methyl ester, NI16557 on page 300

**N2-Methylguanosine-3',5'-cyclic monophosphate**

• 2-Me-cGMP

[205368-54-3] C<sub>11</sub>H<sub>13</sub>N<sub>5</sub>O<sub>7</sub>P·Na 381.21

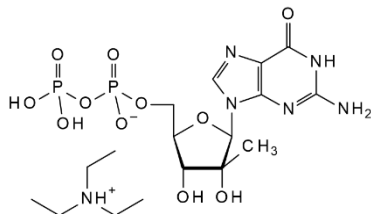
Price On Application

NM46114

**2'-C-Methylguanosine 5'-diphosphate triethylammonium salt**C<sub>11</sub>H<sub>16</sub>N<sub>5</sub>O<sub>11</sub>P<sub>2</sub>·C<sub>18</sub>H<sub>45</sub>N<sub>3</sub> 759.79

NM10849

1mg	\$350.00
2mg	\$650.00
5mg	\$1250.00

**2'-Methyl-guanosine-(iBu)-succinyl-CPG; 500 Å (RNA)**

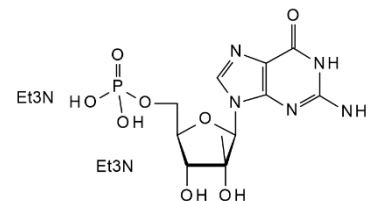
NM11606

250mg	\$197.50
500mg	\$315.00
1g	\$525.00

**2'-C-Methylguanosine 5'-monophosphate triethyl ammonium salt - Aqueous solution**C<sub>11</sub>H<sub>16</sub>N<sub>5</sub>O<sub>8</sub>P·C<sub>12</sub>H<sub>32</sub>N<sub>2</sub> 581.64

NM09702

1mg	\$95.00
2mg	\$175.00
5mg	\$315.00

**2'-O-Methylguanosine 5'-monophosphate**

• 2'-O-Methyl-5'-guanylic acid

[24121-01-5] C<sub>11</sub>H<sub>16</sub>N<sub>5</sub>O<sub>8</sub>P 377.25

NM71636

Price On Application

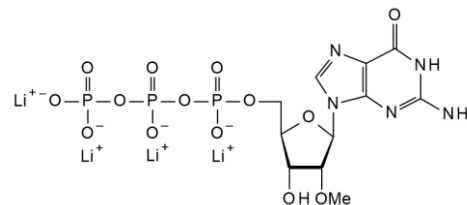
**2'-O-Methylguanosine 5'-triphosphate lithium salt - 100mM aqueous solution**

• 2'-O-Me-GTP

[61556-44-3 (free acid)] C<sub>10</sub>H<sub>18</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub>·xLi 497.18 (free acid basis)

NM58211

1mg	\$95.00
2.5mg	\$200.00
5mg	\$295.00



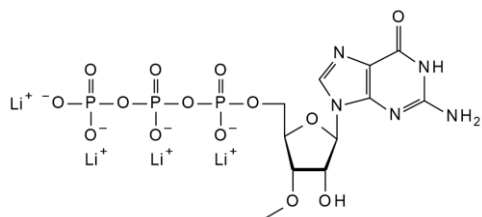
## Methylguanos

## 3'-O-Methylguanosine 5'-triphosphate lithium salt

[61556-45-4 (free acid)] C<sub>11</sub>H<sub>14</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub>·Li<sub>4</sub> 560.94

NM46052

1mg	\$325.00
2mg	\$590.00
5mg	\$1300.00



## 2'-O-Methylguanosine-5'-triphosphate sodium salt - 100mM aqueous solution

• 2'OMe-GTP.Na

[61556-44-3 (free acid)] C<sub>10</sub>H<sub>18</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub>·Na 520.17

NM157274

2.5mg	\$150.00
5mg	\$250.00
10mg	\$390.00

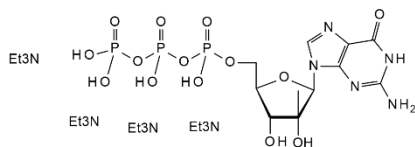


## 2'-C-Methylguanosine 5'-triphosphate triethyl ammonium salt - Aqueous solution

C<sub>11</sub>H<sub>18</sub>N<sub>5</sub>O<sub>14</sub>P<sub>3</sub>·4C<sub>6</sub>H<sub>15</sub>N 941.97

NM08170

1mg	\$195.00
2mg	\$350.00
5mg	\$625.00



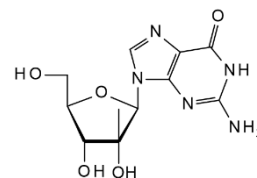
## 2'-C-Methylguanosine

• 2'-C-MeG

[374750-30-8] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 297.27

NM07819

100mg	\$84.00
200mg	\$106.00
500mg	\$160.00

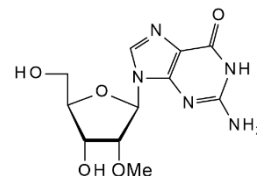


## 2'-O-Methylguanosine

[2140-71-8] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 297.27

NM02941

500mg	\$60.00
1g	\$95.00
2g	\$170.00

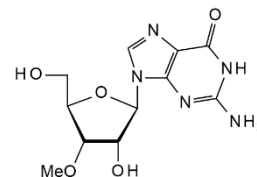


## 3'-O-Methylguanosine

[10300-27-3] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 297.27

NM06232

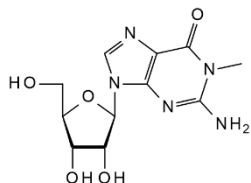
10mg	\$60.00
25mg	\$100.00
50mg	\$162.50



**N1-Methylguanosine**[2140-65-0] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 297.27

NM08574

5mg	\$60.00
10mg	\$85.00
25mg	\$162.50

**N2-Methylguanosine**

• m2G

[2140-77-4] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 297.27

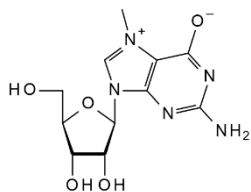
NM35522

1mg	\$95.00
2mg	\$150.00
5mg	\$300.00

**N7-Methylguanosine**[20244-86-4] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 297.27

NM08037

100mg	\$75.00
250mg	\$135.00
500mg	\$240.00

**O6-Methylguanosine**[7803-88-5] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 297.27

NM02922

100mg	\$55.00
250mg	\$90.00
500mg	\$160.00

**2'-O-Methyl-5'-guanylic acid**

see 2'-O-Methylguanosine 5'-monophosphate, NM71636 on page 317

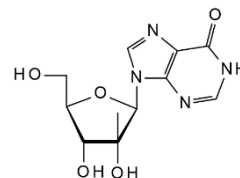
**5-Methyl-iC**

see 2'-Deoxy-5-methyl-isocytidine, ND76392 on page 215

**2'-C-Methylinosine**[374750-32-0] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 282.25

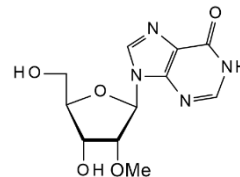
NM14098

100mg	\$95.00
250mg	\$185.00
500mg	\$265.00

**2'-O-Methylinosine**[3881-21-8] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 282.25

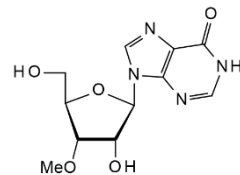
NM05162

200mg	\$42.00
500mg	\$95.00
1g	\$183.80

**3'-O-Methylinosine**[75479-64-0] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub> 282.25

NM01973

5mg	\$99.80
10mg	\$189.00
25mg	\$315.00



Refs: Broom AD, Robins RK, J. Am. Chem. Soc. 1965, p1145

**Methylmercap****2-Methylmercapto-4-oxo-6-aminopyrimidine monohydrate**

• 6-Amino-4-keto-2-methylmercaptopyrimidine

[220458-89-9] C<sub>5</sub>H<sub>7</sub>N<sub>3</sub>OS·H<sub>2</sub>O 175.21

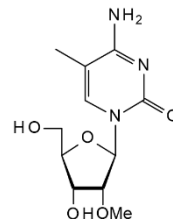
NM70420

Price On Application

**2'-O-Methyl-5-methylcytidine**[113886-70-7] C<sub>11</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 271.27

NM06424

250mg	\$75.00
500mg	\$125.00
1g	\$195.00

**6-Methylmercapto-9-(b-D-ribofuranosyl)purine-5'-triphosphate**

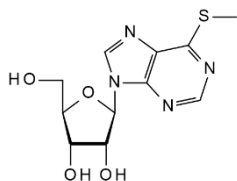
see 6-Methylthioinosine-5'-triphosphate sodium salt - 10 mM aqueous solution, NM71743 on page 325

M

**6-Methylmercapto-9-(b-D-ribofuranosyl)purine**[342-69-8] C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>S 298.32

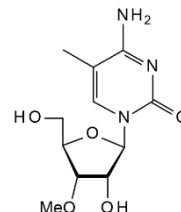
NM06304

100mg	\$60.00
250mg	\$100.00
500mg	\$150.00

**3'-O-Methyl-5-methylcytidine**C<sub>11</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 271.27

NM00313

2mg	\$80.00
5mg	\$150.00
10mg	\$220.00

**N6-Methyl-2'-O-methyladenosine 5'-monophosphate**

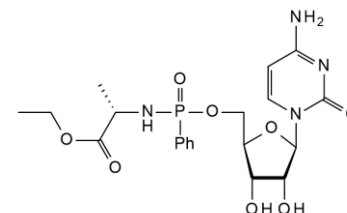
NM157482

Price On Application

**5-O-[[[(1S)-1-Methyl-2-(1-methylethoxy)-2-oxoethyl]amino]-phenoxyphosphinyl]-cytidine**[946511-29-1] C<sub>21</sub>H<sub>29</sub>N<sub>4</sub>O<sub>9</sub>P 512.45

NM46513

1mg	\$350.00
2mg	\$590.00
5mg	\$1250.00

**N6-Methyl-2'-O-methyladenosine**

[57817-83-1]

NM157460

50mg	\$625.00
100mg	\$950.00
250mg	\$1750.00



**5-Methyl-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine**

[443642-53-3]

Price On Application

NM14093

**4-Methyl-2-(methylsulfanyl)-5-pyrimidinecarboxylic acid**[98276-75-6] C<sub>7</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>S 184.22

NM57401

250mg	\$70.00
500mg	\$110.00
1g	\$213.90

**2'-C-Methyl-6-S-methyl-6-thioinosine**

[172722-76-8]

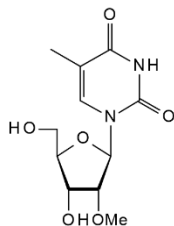
Price On Application

NM14097

**2'-O-Methyl-5-methyluridine**[114952-97-5][55486-09-4] C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 272.25

NM01238

1g	\$85.00
2g	\$150.00
5g	\$250.00

**3-Methyl-2-nitropyridine**

• 2-Nitro-3-picoline

[18368-73-5] C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub> 138.12

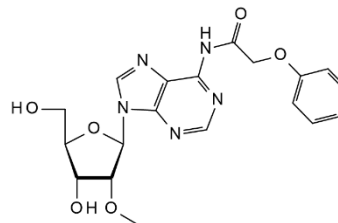
NM67852

1g	\$48.00
2g	\$84.00
5g	\$145.00

**2'-O-Methyl-N6-phenoxyacetyladenosine**C<sub>19</sub>H<sub>21</sub>N<sub>5</sub>O<sub>6</sub> 415.41

NM08427

10mg	\$63.00
25mg	\$105.00
50mg	\$184.00

**2-Methyl-6-(phenylethynyl)pyridine**

• MPEP

[96206-92-7] C<sub>14</sub>H<sub>11</sub>N 193.24

NM66689

10mg	\$50.00
25mg	\$112.50
50mg	\$200.00

**2-(2-Methylphenyl)pyrimidine-5-carbaldehyde**[876710-73-5] C<sub>12</sub>H<sub>10</sub>N<sub>2</sub>O 198.22

NM57445

1g	\$81.40
2g	\$130.10
5g	\$323.00



## Methylphenyl

## 2-(3-Methylphenyl)pyrimidine-5-carbaldehyde

198.22

NM57435

2g	\$89.20
5g	\$195.50
10g	\$312.70



## 4-Methyl-6-phenyl-pyrimidine-2-thiol

[27955-44-8] C<sub>11</sub>H<sub>10</sub>N<sub>2</sub>S 202.28

NM57414

250mg	\$70.00
500mg	\$110.00
1g	\$267.30



## 4-(4-Methylphenyl)-2-pyrimidinethiol

[477859-71-5] 202.28

NM57409

500mg	\$90.00
1g	\$218.40
2g	\$349.40

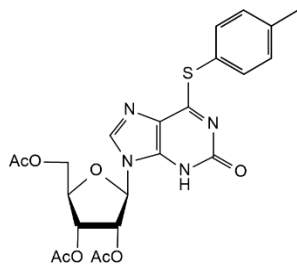


## 6-[(4-Methylphenyl)thio]-2-oxo-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)-2,3-dihydropurine

C<sub>23</sub>H<sub>24</sub>N<sub>4</sub>O<sub>6</sub>S 516.52

NM07256

100mg	\$105.00
250mg	\$197.50
500mg	\$315.00

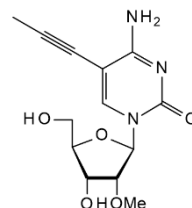


## 2'-O-Methyl-5-propynylcytidine

C<sub>13</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub> 295.29

NM06210

1mg	\$75.00
2mg	\$120.00
5mg	\$225.00

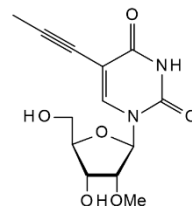


## 2'-O-Methyl-5-propynyluridine

C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub> 296.28

NM06235

5mg	\$150.00
10mg	\$275.00
20mg	\$500.00



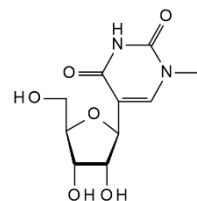
## 1-Methylpseudouridine

• 1-Methyl-5-b-D-ribofuranosyl-2,4(1H,3H)-pyrimidinedione

[13860-38-3] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

NM35520

1mg	\$60.00
2mg	\$100.00
5mg	\$175.00



**2'-O-Methylpseudouridine**

NM02939	25mg	\$4900.00
	100mg	\$6520.00

**1-(2-C-b-Methyl-b-D-ribofuranosyl)-5-nitropyridine-2(1H)-one**

NM144522	Price On Application
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**6-Methylpurine-2'-deoxyriboside**

[16006-64-7]	C <sub>11</sub> H <sub>14</sub> N <sub>4</sub> O <sub>3</sub>	250.25	
NM46495	1mg	\$75.00	
	2mg	\$120.00	
	5mg	\$250.00	

**9-(2-C-Methyl-b-D-ribofuranosyl)purine**

[690269-86-4]	C <sub>11</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub>	266.25	
NM144529	Price On Application		

**Methyl 4-pyrimidine carboxylate**

see *Pyrimidine-4-carboxylic acid methyl ester, NP57387 on page 347*

**1-Methyl-5-b-D-ribofuranosyl-2,4(1H,3H)-pyrimidinedione**

see *1-Methylpseudouridine, NM35520 on page 322*

**6-Methylpyrimidin-4-ol**

see *4-Hydroxy-6-methylpyrimidine, NH66985 on page 290*

**7-(2-C-Methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidin-2-amine**

[443642-48-6]		
NM14094	Price On Application	

**6-Methyl-4(3H)-pyrimidinone**

see *4-Hydroxy-6-methylpyrimidine, NH66985 on page 290*

**9-(5'-Methyl-b-D-ribofuranosyl)-6-chloropurine**

• 6-Chloropurine-9-(5-methyl-beta-D-ribofuranoside)

NM144826	Price On Application
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**1-(2-C-Methyl-b-D-ribofuranosyl)-1H-1,2,4-triazole-3-carboxamide**

[847651-91-6]		
NM14086	500mg	\$4000.00



**Methylsulfan****2-Methylsulfanyl-4-phenylamino-pyrimidine-5-carbaldehyde**[211245-56-6] C<sub>12</sub>H<sub>11</sub>N<sub>3</sub>OS 245.3

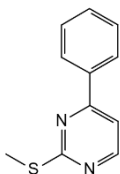
NM57378

250mg	\$87.50
500mg	\$140.00
1g	\$334.70

**2-Methylsulfanyl-4-phenylpyrimidine**

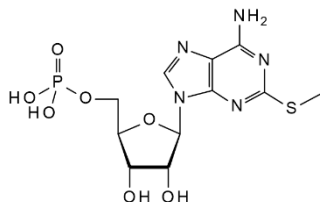
NM44261

50mg	\$92.00
100mg	\$147.00
250mg	\$235.00

**2-Methylthioadenosine 5-monophosphate**[22140-20-1] C<sub>11</sub>H<sub>16</sub>N<sub>5</sub>O<sub>7</sub>PS 393.31

NM10203

1mg	\$500.00
2mg	\$600.00
5mg	\$700.00

**2-Methylthioadenosine-5'-triphosphate**

• 2-MeS-ATP

[43170-89-4] C<sub>11</sub>H<sub>18</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>S 553.27

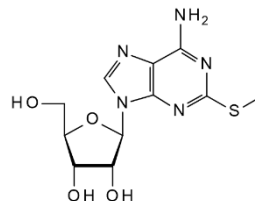
NM72044

1mg	\$75.00
2mg	\$120.00
5mg	\$195.00

**2-Methylthioadenosine**[4105-39-9] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub>S 313.34

NM09610

1mg	\$95.00
2mg	\$150.00
5mg	\$300.00



Refs: Zimmerman et.al, Biochemistry 1980, 19, p2252; Ou et.al, Biochem J, 2007, 401, p87

**2-Methylthio-6-chloro-9-methylpurine**[40423-35-6] C<sub>7</sub>H<sub>7</sub>ClN<sub>4</sub>S 318.14

NM29027

Price On Application

**2-Methylthio-6-chloropurine riboside**[66212-83-7] C<sub>12</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>5</sub>S 466.25

NM29026

Price On Application

**2-Methylthio-6-chloropurine**[66191-23-9] C<sub>8</sub>H<sub>5</sub>ClN<sub>4</sub>S 304.11

NM29024

Price On Application

**2-methylthio-6-(3,3-dimethylallylamino)-9-b-D-ribofuranosylpurine**see 2-Methylthio-N<sup>6</sup>-isopentenyladenosine, NM30233 on page 325

M



**6-Methylthio-GTP**

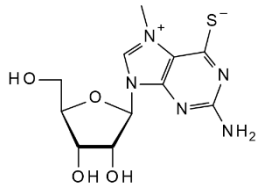
see 6-Methylthioguanosine-5'-triphosphate sodium salt - 10 mM aqueous solution, NM71742 on page 325

**7-Methyl-6-thioguanosine inner salt**

- MESH
- 2-Amino-6-mercapto-7-methylpurine ribonucleoside

[55727-10-1] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub>S 313.33

NM06560 2mg \$130.00  
5mg \$262.50  
10mg \$472.50



Refs: Webb MR, Proc. Nat. Acad. Sci. 1982, 89, p4884

**6-Methylthioguanosine-5'-triphosphate sodium salt - 10 mM aqueous solution**

- 6-Methylthio-GTP

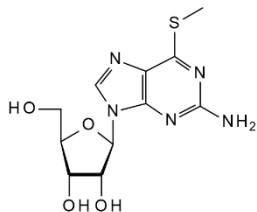
[70318-62-6] C<sub>11</sub>H<sub>18</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>S·xNa 553.27 (free acid basis)

NM71742 0.5mg \$215.00  
1mg \$390.00  
2.5mg \$625.00

**6-Methyl-thio-guanosine**

[4914-73-2] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub>S 313.33

NM46468 25mg \$250.00  
50mg \$375.00  
100mg \$600.00

**6-Methylthioinosine-5'-triphosphate sodium salt - 10 mM aqueous solution**

- 6-Methylthio-ITP
- 6-Methylmercapto-9-(β-D-ribofuranosyl)purine-5'-triphosphate

[51464-82-5] C<sub>11</sub>H<sub>17</sub>N<sub>4</sub>O<sub>13</sub>P<sub>3</sub>S 538.26

NM71743

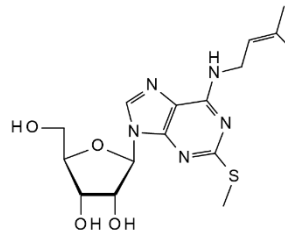
Price On Application

**2-Methylthio-N6-isopentenyladenosine**

- 2-methylthio-6-(3,3-dimethylallylamino)-9-β-D-ribofuranosylpurine

[20859-00-1] C<sub>16</sub>H<sub>23</sub>N<sub>5</sub>O<sub>4</sub>S 381.45

NM30233 1mg \$295.00  
2mg \$500.00  
5mg \$925.00

**6-Methylthio-ITP**

see 6-Methylthioinosine-5'-triphosphate sodium salt - 10 mM aqueous solution, NM71743 on page 325

**2-(Methylthio)-4-(P-Tolylamino)Pyrimidine-5-Carboxylic Acid**

[1033194-60-3] C<sub>13</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>S 275.33

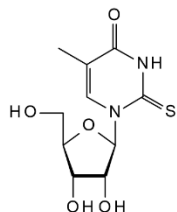
NM57392 25mg \$93.00  
50mg \$181.00  
100mg \$290.00



**Methylthiour****5-Methyl-2-thiouridine**[32738-09-3] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub>S 274.29

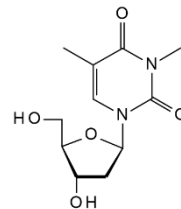
NM08039

1mg	\$65.00
2mg	\$110.00
5mg	\$210.00

**N3-Methylthymidine**[958-74-7] C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub> 256.26

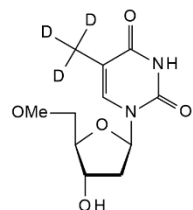
NM06239

5mg	\$47.30
10mg	\$84.00
25mg	\$147.00

**5'-O-Methyl-D3-thymidine**C<sub>11</sub>H<sub>13</sub>N<sub>2</sub>O<sub>5</sub>D<sub>3</sub> 259.27

NM08850

Price On Application

**5-Methyl-1-(5-tritylmethyl-2,5-dihydro-furan-2-yl)-1H-pyrimidine-2,4-dione**

see 2',3'-Dehydro-5'-O-tritylthymidine, ND04743 on page 171

**2'-C-Methyluridine 5'-triphosphate lithium salt - 10mM aqueous solution**C<sub>10</sub>H<sub>13</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>Li<sub>4</sub> 521.9

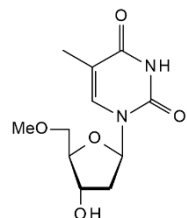
NM106396

10mg	\$5500.00
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**5'-O-Methylthymidine**[14504-60-0] C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub> 256.26

NM06451

25mg	\$125.00
50mg	\$200.00
100mg	\$336.00

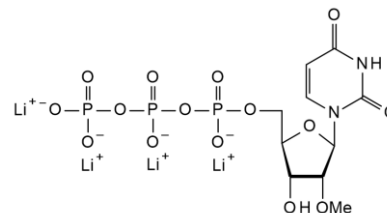
**2'-O-Methyluridine-5'-triphosphate lithium salt - 100mM aqueous solution**

• 2'-O-Me-UTP

[444789-43-9 (free acid)] C<sub>10</sub>H<sub>17</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>·xLi 512.17 (free acid basis)

NM58212

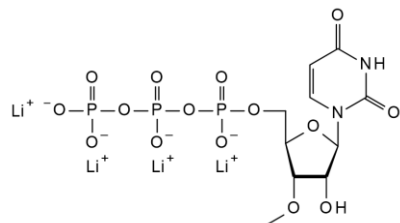
1mg	\$95.00
2.5mg	\$200.00
5mg	\$295.00



**3'-O-Methyluridine-5'-triphosphate lithium salt**[69113-65-1 (free acid)] C<sub>10</sub>H<sub>13</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>·Li<sub>4</sub> 521.9

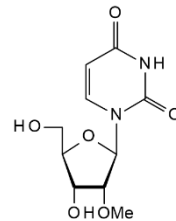
NM46053

1mg	\$325.00
2mg	\$590.00
5mg	\$1300.00

**2'-O-Methyluridine**[2140-76-3] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

NM04259

2g	\$60.00
5g	\$95.00
10g	\$150.00



Refs: Inoue H, Hayase Y, Imura A, Iwai S, Miura K, Otsuka E, Nucleic Acids Res. 1987, Aug 11, 15(15), 6131-6148

**2'-O-Methyluridine-5'-triphosphate sodium salt - 100mM aqueous solution**

• 2'OMe-UTP.Na

[444789-43-9 (free acid)] C<sub>10</sub>H<sub>17</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>·xNa 498.17 (free acid basis)

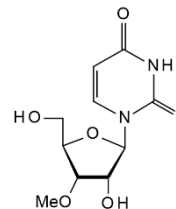
NM157271

2.5mg	\$150.00
5mg	\$250.00
10mg	\$390.00

**3'-O-Methyluridine**[6038-59-1] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

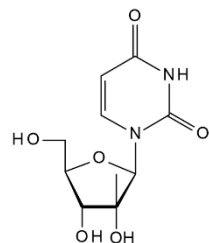
NM06248

25mg	\$63.00
50mg	\$94.50
100mg	\$184.00

**2'-C-Methyluridine**[31448-54-1] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

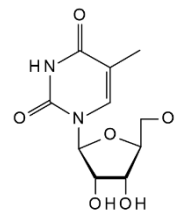
NM07919

250mg	\$60.00
500mg	\$95.00
1g	\$170.00

**5-Methyl-L-uridine**[26879-47-0] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

NM06240

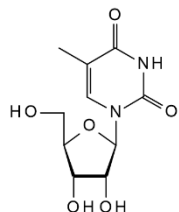
5mg	\$84.00
10mg	\$157.50
25mg	\$262.50



**Methyluridin****5-Methyluridine**[1463-10-1] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

NM04922

50g	\$65.00
100g	\$85.00
250g	\$140.00

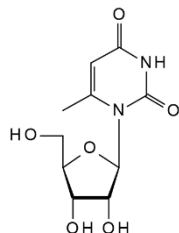


Refs: An H, Wang T, Maier MA, Manoharan M, Ross BS, J. Org. Chem. 2001, 66, p2789

**6-Methyluridine**[16710-13-7] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

NM08576

5mg	\$115.00
10mg	\$195.00
25mg	\$400.00

**L-5-methyluridine**

178.23

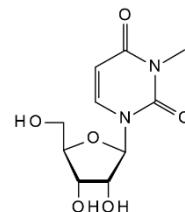
NM57493

Price On Application

**N3-Methyluridine**[2140-69-4] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 258.23

NM06185

10mg	\$60.00
25mg	\$107.50
50mg	\$175.00

**9-(3'-O-Methyl-b-D-xylofuranosyl)adenine**

NM137577

Price On Application

**1-(3'-O-Methyl-b-D-xylofuranosyl)cytosine**

NM137575

Price On Application

**1-(3'-O-Methyl-b-D-xylofuranosyl)-5-methyluracil**

NM137573

Price On Application



**1-(3'-O-Methyl-b-D-xylofuranosyl)uracil**

NM137574

Price On Application

**N6-(4-Methoxybenzoyl)adenosine**

• PAC-rA

[56883-05-7] C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub> 401.37

NP57529

Price On Application

**2'-O-Me-UTP**

see 2'-O-Methyluridine-5'-triphosphate lithium salt - 100mM aqueous solution, NM58212 on page 326

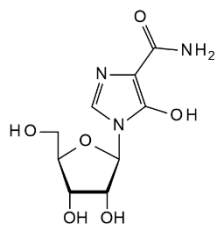
**Mizoribine**

• 1-(β-D-Ribofuranosyl)-5-hydroxyimidazole-4-carboxamide

[50924-49-7] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>6</sub> 259.22

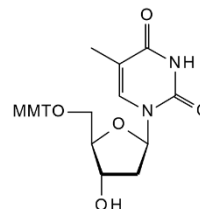
NM09731

50mg	\$50.00
100mg	\$80.00
250mg	\$150.00

**5'-O-MMT-thymidine**C<sub>30</sub>H<sub>30</sub>N<sub>2</sub>O<sub>6</sub> 514.57

NM09057

Price On Application

**2'-O-MOE-Guanosine**

see 2'-O-(2-Methoxyethyl)guanosine, NM57537 on page 306

**2'-O-MOE-T**

see 2'-O-(2-Methoxyethyl)-5-methyluridine, NM57538 on page 307

**MPEP**

see 2-Methyl-6-(phenylethynyl)pyridine, NM66689 on page 321

**MRE 0094**

see 2-[2-(4-Chlorophenyl)ethoxy]adenosine, NC16521 on page 150

**Myristoyl coenzyme A lithium salt**

• n-Tetradecanoyl coenzyme A lithium salt

[187100-75-0] C<sub>35</sub>H<sub>62</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S·xLi 977.89 (free acid basis)

NM63223	1mg	\$75.00
	2mg	\$130.00
	5mg	\$235.00



**Myristoylcoe****Myristoyl coenzyme A**

• n-Tetradecanoyl coenzyme A

[3130-72-1] C<sub>35</sub>H<sub>62</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S·H<sub>2</sub>O 995.91

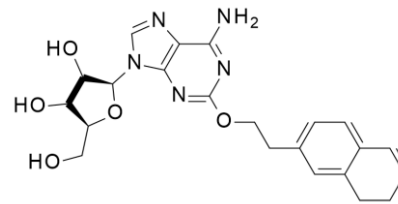
NM47200

2mg	\$70.00
5mg	\$125.00
10mg	\$225.00

**b-NADH phosphate disodium salt**see *b-Nicotinamide adenine dinucleotide phosphate disodium salt, NN44916 on page 331***NADPH.4Na**see *b-Nicotinamide adenine dinucleotide phosphate, reduced form, tetrasodium salt - min 95%, NN10871 on page 332***NADPH-D**see *b-Nicotinamide-D adenine dinucleotide reduced form, NN11407 on page 333***b-NADP-K**see *b-Nicotinamide adenine dinucleotide phosphate potassium salt hydrate, NN11481 on page 331***b-NADP-sodium salt**see *b-Nicotinamide adenine dinucleotide phosphate sodium salt hydrate, NN11662 on page 332***a-NADP**see *a-Nicotinamide adenine dinucleotide phosphate, NN29116 on page 332***b-NADP**see *b-Nicotinamide adenine dinucleotide phosphate hydrate, NN45264 on page 331***b-NADs**see *b-Nicotinamide adenine dinucleotide sodium salt dihydrate, NN44827 on page 333***b-NAD**see *b-Nicotinamide adenine dinucleotide, NN11969 on page 333***2-[2-(2-Naphthalenyl)ethoxy]adenosine**• 2-[2-(2-Naphthylethoxy)adenosine]  
• WRC 0018[131865-99-1] C<sub>22</sub>H<sub>23</sub>N<sub>5</sub>O<sub>5</sub> 437.45

NN16559

25mg	\$140.00
50mg	\$254.50
100mg	\$462.00



Refs: Matova, M, et al, Drug Des. Discov, 16, 255 (2000); Gao, Z, et al, Biochem. Pharmacol, 68, 1985 (2004)

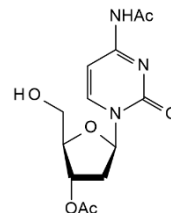
**2-[2-(2-Naphthylethoxy)adenosine]**see *2-[2-(2-Naphthalenyl)ethoxy]adenosine, NN16559 on page 330***NBMPR**see *S-(4-Nitrobenzyl)-6-thioinosine, NN09410 on page 335***3'-O, N4-Diacetyl-2'-deoxycytidine**

• N4-Acetyl-3'-O-acetyl-2'-deoxycytidine

C<sub>13</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub> 311.29

ND09207

Price On Application

**Nebularine**see *9-(b-D-Ribofuranosyl)purine, NR05251 on page 351***Nebularin 5'-triphosphate**see *Purine riboside-5'-triphosphate, NP58309 on page 345***NECA**see *5'-Ethylcarboxamidoadenosine, NE06155 on page 270*

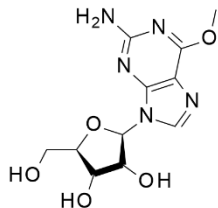
M

**Nelarabine**

- 9-β-D-Arabinofuranosyl-6-methoxy-9H-purin-2-amine
- 506u
- Arranon

[121032-29-9] C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 297.27

	50mg	\$125.00
NN26176	100mg	\$190.00
	250mg	\$325.00



Refs: Cohen, M.H. et al. *Oncologist*, 13, 709 (2008); Hernandez-Illizaliturri, F.J. et al. *Clin. Med. Therap.*, 1, 505 (2009); Sigalas, P. et al. *Leuk. Res.*, 33, e61 (2009)

**Nevirapine**[129618-40-2] C<sub>15</sub>H<sub>14</sub>N<sub>4</sub>O 266.3

	100mg	\$105.00
NN15304	250mg	\$190.00
	500mg	\$300.00

**NGD**see *Nicotinamide guanine dinucleotide sodium salt*, NN46649 on page 334**b-Nicotinamide adenine dinucleotide phosphate disodium salt**

- b-NADH phosphate disodium salt

[24292-60-2] C<sub>21</sub>H<sub>26</sub>N<sub>7</sub>Na<sub>2</sub>O<sub>17</sub>P<sub>3</sub> 787.37

	1g	\$50.00
NN44916	2g	\$80.00
	5g	\$160.00

**b-Nicotinamide adenine dinucleotide phosphate hydrate**

- b-NADP

[53-59-8] C<sub>21</sub>H<sub>28</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>·xH<sub>2</sub>O 743.41 (anhydrous basis)

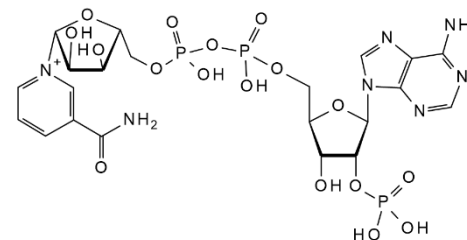
	1g	\$75.00
NN45264	2g	\$110.00
	5g	\$175.00

**b-Nicotinamide adenine dinucleotide phosphate potassium salt hydrate**

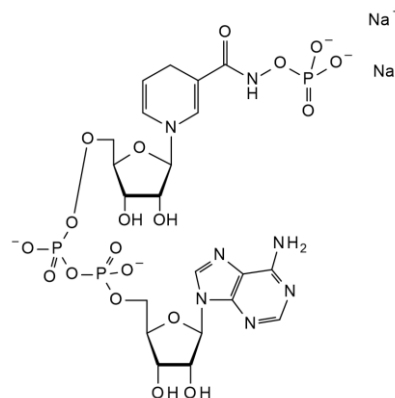
- coenzyme II
- b-NADP-K
- Triphosphopyridine nucleotide potassium salt

[68141-45-7] C<sub>21</sub>H<sub>27</sub>KN<sub>7</sub>O<sub>17</sub>P<sub>3</sub> 781.5

	100mg	\$75.00
NN11481	250mg	\$125.00
	500mg	\$200.00

**b-Nicotinamide adenine dinucleotide phosphate, reduced form, disodium salt**C<sub>21</sub>H<sub>26</sub>N<sub>7</sub>O<sub>19</sub>P<sub>3</sub>·2Na 819.37

	250mg	\$105.00
NN10872	500mg	\$190.00
	1g	\$315.00

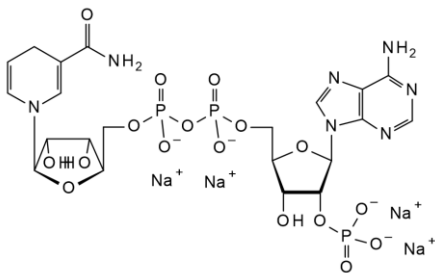


**Nicotinamide****b-Nicotinamide adenine dinucleotide phosphate, reduced form, tetrasodium salt - min 95%**

• NADPH.4Na

[2646-71-1] C<sub>21</sub>H<sub>26</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>·4Na 833.36

	100mg	\$60.00
NN10871	250mg	\$110.00
	500mg	\$195.00



N

**b-Nicotinamide adenine dinucleotide 3'-phosphate sodium salt hydrate**[50443-29-3] C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>·xNa·yH<sub>2</sub>O 742.40 (anhydrous free acid basis)

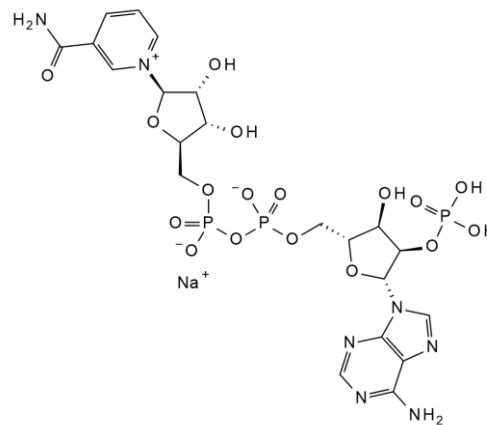
NN45265 Price On Application

**b-Nicotinamide adenine dinucleotide phosphate sodium salt hydrate**

• b-NADP-sodium salt

[1184-16-3][698999-85-8] C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>NaO<sub>17</sub>P<sub>3</sub> 765.39

NN11662	1 g	\$50.00
	2g	\$90.00
	5 g	\$200.00

**a-Nicotinamide adenine dinucleotide phosphate**

• a-NADP

• a-Triphosphopyridine nucleotide

[108392-03-6] C<sub>21</sub>H<sub>26</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub> 743.41

NN29116

Price On Application

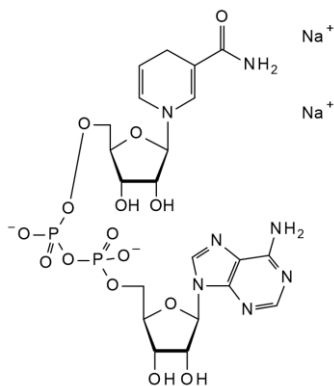




**b-Nicotinamide adenine dinucleotide reduced form, disodium salt**[606-68-8] C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>14</sub>P<sub>2</sub>·2Na 709.4

NN12622

2g	\$50.00
5g	\$85.00
10g	\$150.00

**b-Nicotinamide adenine dinucleotide sodium salt dihydrate**

- Coenzyme 1
- b-NADs
- Diphosphopyridine nucleotide

[20111-18-6] C<sub>21</sub>H<sub>26</sub>N<sub>7</sub>NaO<sub>14</sub>P<sub>2</sub>·2H<sub>2</sub>O 721.44

NN44827

2g	\$64.00
5g	\$115.00
10g	\$180.00

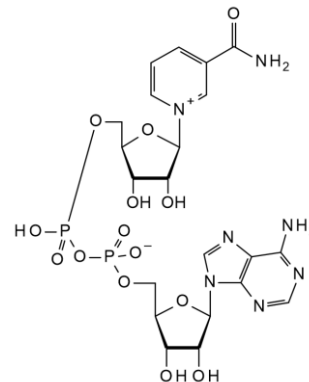
**b-Nicotinamide adenine dinucleotide**

- b-NAD
- Coenzyme 1
- Diphosphopyridine nucleotide

[53-84-9] C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>14</sub>P<sub>2</sub> 663.43

NN11969

2g	\$40.00
5g	\$80.00
10g	\$140.00

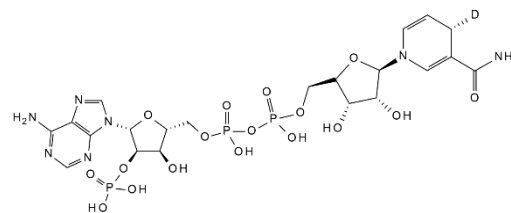
**b-Nicotinamide-D adenine dinucleotide reduced form**

- NADPH-D

[74784-45-5] C<sub>21</sub>H<sub>26</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>D 746.43

NN11407

Price On Application



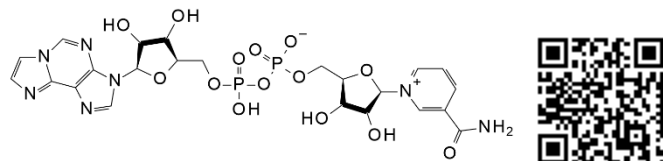
**Nicotinamide****Nicotinamide 1,N6-ethenoadenine dinucleotide**

- 3-(Aminocarbonyl)-1-[5-O-[hydroxy(phosphonoxy)phosphinyl]-b-D-ribofuranosyl]pyridinium inner salt P'5'-ester with 3-b-D-ribofuranosyl-3H-imidazo[2,1-i]purine
- 1,N6-Ethenonicotinamide adenine dinucleotide

[38806-38-1] C<sub>23</sub>H<sub>27</sub>N<sub>7</sub>O<sub>14</sub>P<sub>2</sub> 687.45

NN26196

2mg	\$139.90
5mg	\$254.40
10mg	\$462.50



Refs: Gafni, A, et al,

**Nicotinamide ribose triflate**see *b-Nicotinamide riboside triflic acid salt*, NN15702 on page 334**Nicotinamide riboside bromide**

- 3-(Aminocarbonyl)-1-b-D-ribofuranosyl-pyridinium bromide

[78687-39-5] C<sub>11</sub>H<sub>15</sub>BrN<sub>2</sub>O<sub>5</sub> 335.15

NN31173

50mg	\$1200.00
100mg	\$1560.00
250mg	\$1950.00

**Nicotinamide guanine dinucleotide sodium salt**

- NGD

[5624-35-1] C<sub>21</sub>H<sub>28</sub>N<sub>7</sub>O<sub>15</sub>P<sub>2</sub>·xNa 680.43 (free acid basis)

NN46649

5mg	\$225.00
10mg	\$390.00
25mg	\$700.00

**b-Nicotinamide riboside chloride**

- 3-(Aminocarbonyl)-1-a-D-ribofuranosyl-pyridinium chloride

[23111-00-4] C<sub>11</sub>H<sub>15</sub>N<sub>2</sub>O<sub>5</sub>·Cl 290.7

NN45059

100mg	\$1560.00
250mg	\$1950.00
500mg	\$3250.00

**b-Nicotinamide mononucleotide**

- Nicotinamide ribonucleoside 5'-phosphate
- b-Nicotinamide ribose monophosphate

[1094-61-7] C<sub>11</sub>H<sub>15</sub>N<sub>2</sub>O<sub>8</sub>P 334.22

NN45555

10mg	\$50.00
25mg	\$75.00
50mg	\$125.00

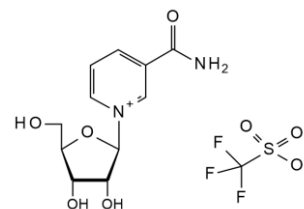
**b-Nicotinamide riboside triflic acid salt**

- Nicotinamide ribose triflate
- Nicotinamide ribonucleoside trifluoromethanesulfonate

[445489-49-6][1341-23-7] C<sub>12</sub>H<sub>15</sub>F<sub>3</sub>N<sub>2</sub>O<sub>8</sub>S 404.32

NN15702

50mg	\$70.00
100mg	\$125.00
250mg	\$240.00

**Nicotinamide ribonucleoside 5'-phosphate**see *b-Nicotinamide mononucleotide*, NN45555 on page 334**Nicotinamide ribonucleoside trifluoromethanesulfonate**see *b-Nicotinamide riboside triflic acid salt*, NN15702 on page 334**b-Nicotinamide ribose monophosphate**see *b-Nicotinamide mononucleotide*, NN45555 on page 334

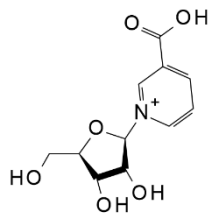
**Nicotinic acid riboside**

• 3-Carboxy-1-β-D-ribofuranosylpyridinium salt

[17720-18-2] C<sub>11</sub>H<sub>13</sub>NO<sub>6</sub> 255.22

NN16815

2mg	\$75.00
5mg	\$125.00
10mg	\$240.00

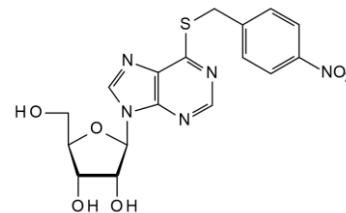


Refs: Yang, T. et al, J. Med. Chem, 50, 6458 (2007)

**S-(4-Nitrobenzyl)-6-thioinosine**• 6-[(4-Nitrobenzyl)thio]-9-β-D-ribofuranosylpurine  
• NBMPR[38048-32-7] C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O<sub>6</sub>S 419.41

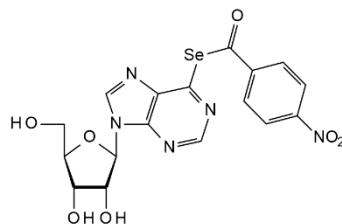
NN09410

50mg	\$75.00
100mg	\$130.00
250mg	\$275.00

**4'-Nitrobenzoyl-6-selenoinosine**[40144-12-5] C<sub>17</sub>H<sub>15</sub>N<sub>5</sub>O<sub>7</sub>Se 480.29

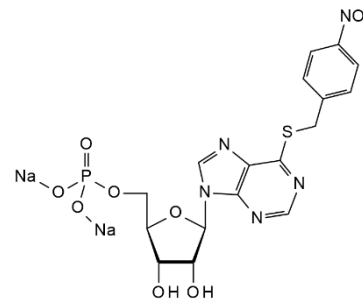
NN08056

2mg	\$89.30
5mg	\$157.50
10mg	\$262.50

**6-[(4-Nitrobenzyl)thio]-9-(β-D-ribofuranosyl)purine-5'-monophosphate disodium salt**C<sub>17</sub>H<sub>16</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>9</sub>PS 543.36

NN07313

1mg	\$90.00
2mg	\$150.00
5mg	\$262.50



Refs: Paran JH, et al, Cancer Res, 41, p560

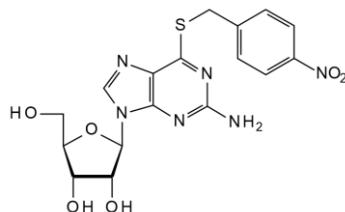
**S-(4-Nitrobenzyl)-6-thioguanosine**

• 2-Amino-6-[(4-nitrobenzyl)thio]-9-β-D-ribofuranosylpurine

[13153-27-0] C<sub>17</sub>H<sub>18</sub>N<sub>6</sub>O<sub>6</sub>S 434.43

NN09411

Price On Application

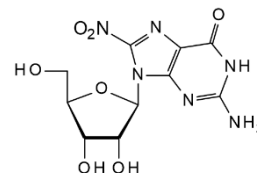
**6-[(4-Nitrobenzyl)thio]-9-β-D-ribofuranosylpurine**

see S-(4-Nitrobenzyl)-6-thioinosine, NN09410 on page 335

**8-Nitroguanosine**[337536-53-5] C<sub>10</sub>H<sub>12</sub>N<sub>6</sub>O<sub>7</sub> 328.24

NN03322

1mg	\$577.50
2mg	\$945.00
5mg	\$1575.00



Refs: Masuda et al, Chem. Biol. Interact, 2002, 139, p187



**Nitrophenyle****P3-(1-(2-Nitrophenyl)ethyl) adenosine 5'-triphosphate disodium salt**

• Adenosine, 5'-(tetrahydrogen triphosphate), P<sup>3</sup>-(1-(2-nitrophenyl)ethyl) ester, disodium salt  
 • NPE-caged ATP

[171800-68-3] C<sub>18</sub>H<sub>21</sub>N<sub>6</sub>Na<sub>2</sub>O<sub>15</sub>P<sub>3</sub> 700.29

NN63886	1mg	\$160.00
	2mg	\$270.00
	5mg	\$450.00

**2-Nitro-3-picoline**

see 3-Methyl-2-nitropyridine, NM67852 on page 321

**3-(1-NM)-PPTP**

see 4-Amino-3-(1-naphthylmethyl)-1H-pyrazolo[3,4-d]pyrimidine-1-(β-D-ribofuranosyl-5'-triphosphate), NA16506 on page 59

**Nonadecanoyl coenzyme A**

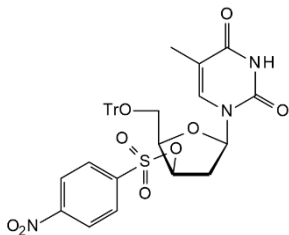
[25045-61-8] C<sub>40</sub>H<sub>72</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S 1048.02

NN47201	5mg	\$125.00
	10mg	\$195.00
	20mg	\$340.00

**1-(3'-O-Nosyl-5'-O-trityl-2'-deoxy-β-D-lyxofuranosyl)thymine**

C<sub>35</sub>H<sub>31</sub>N<sub>3</sub>O<sub>6</sub>S 669.7

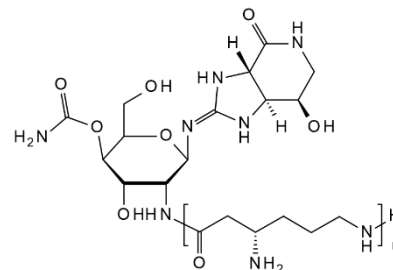
NN07310	25mg	\$89.50
	50mg	\$168.00
	100mg	\$263.00

**Nourseothricin sulfate**

[96736-11-7] 1261.4

NN11350

50mg	\$72.00
100mg	\$120.00
250mg	\$190.00

**NPE-caged ATP**

see P3-(1-(2-Nitrophenyl)ethyl) adenosine 5'-triphosphate disodium salt, NN63886 on page 336

**NSC 31144**

see 2-Chloro-6-O-methylinosine, NC16520 on page 149

**NSC 371796**

see AICAR 3',5'-cyclic phosphate, NA16501 on page 30

**Nucleocidin**

see 4'-C-Fluoroadenosine 5'-sulfamate, NF76155 on page 275

**Nucleoside Q**

see 7-(4,5-cis-Dihydro-a-[(methoxycarbonyl)amino]-4,6-dimethyl-9-oxo-3-β-D-ribofuranosyl-3H-Imidazo[1,2-a]purine-7-butanoic acid methyl ester, ND157876 on page 248

**Nucleoside Y**

see (S)-4,9-Dihydro-a-[(methoxycarbonyl)amino]-4,6-dimethyl-9-oxo-3-β-D-ribofuranosyl-3H-Imidazo[1,2-a]purine-7-butanoic acid methyl ester, ND157877 on page 247

**cis,cis-9,12-Octadecadienoyl coenzyme A**

see Linoleoyl coenzyme A, NL47198 on page 303

**n-Octadecanoyl coenzyme A**

see Stearoyl coenzyme A, NS47205 on page 354

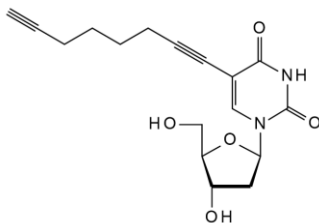
**cis-9-Octadecenoyl coenzyme A potassium salt**

see Oleoyl coenzyme A potassium salt, NO63224 on page 337

N

**cis-9-Octadecenoyl coenzyme A**see *Oleoyle coenzyme A*, NO47203 on page 337**5-Octa-1,7-diylnyl-2'-deoxyuridine**[909398-18-1] C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>O<sub>5</sub> 332.35

NO10556	1mg	\$94.50
	2mg	\$157.50
	5mg	\$262.50

**Octanoyl coenzyme A**

• Caprylyl coenzyme A

[1264-52-4] C<sub>29</sub>H<sub>50</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S 893.73

NO47202	2mg	\$70.00
	5mg	\$120.00
	10mg	\$195.00

**N6-Octanoyl cordycepin**see *3'-Deoxy-N6-octanoyl adenosine*, ND10013 on page 217**N6-Octanoyl-3'-deoxyadenosine**see *3'-Deoxy-N6-octanoyl adenosine*, ND10013 on page 217**5'-O-(4,4'-Dimethoxytrityl)-N4-acetyl-2'-deoxycytidine**see *N4-Acetyl-5'-O-DMT-cytidine*, NA11105 on page 18**Oleoyle coenzyme A potassium salt**

• cis-9-Octadecenoyl coenzyme A potassium salt

[1716-06-9] C<sub>39</sub>H<sub>67</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>SK 1070.07

NO63224	5mg	\$110.00
	10mg	\$190.00
	25mg	\$375.00

**Oleoyle coenzyme A**

• cis-9-Octadecenoyl coenzyme A

[1716-06-9] C<sub>39</sub>H<sub>68</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S 1031.98

NO47203	2mg	\$90.00
	5mg	\$162.50
	10mg	\$260.00

**2'OMe-ATP.Na**see *2'-O-Methyladenosine-5'-triphosphate sodium salt - 100mM aqueous solution*, NM157272 on page 309**2'OMe-CTP.Na**see *2'-O-Methylcytidine-5'-triphosphate sodium salt - 100mM aqueous solution*, NM157273 on page 314**3'-OMeCTP**see *3'-O-Methylcytidine 5'-triphosphate lithium salt*, NM46051 on page 314**2'OMe-GTP.Na**see *2'-O-Methylguanosine-5'-triphosphate sodium salt - 100mM aqueous solution*, NM157274 on page 318**5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-N-[(dimethylamino)methylene]-adenosine**see *2'-Deoxy-6N-DMF-5'-O-DMT-adenosine*, ND146470 on page 180**2'OMe-UTP.Na**see *2'-O-Methyluridine-5'-triphosphate sodium salt - 100mM aqueous solution*, NM157271 on page 327

**OMP****OMP**see *Orotidine 5'-monophosphate trisodium salt*, NO71879 on page 338**Orotidine 5'-monophosphate trisodium salt**

- Orotidylic acid
- OMP

[68244-58-6][2149-82-8] C<sub>10</sub>H<sub>10</sub>N<sub>2</sub>O<sub>11</sub>PNa<sub>3</sub> 434.14

NO71879

Price On Application

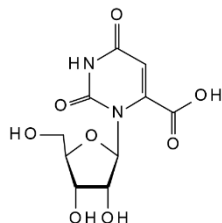
**Orotidine**

- Uridine-6-carboxylic acid

[314-50-1] C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>8</sub> 288.21

NO08048

1mg	\$200.00
2mg	\$300.00
5mg	\$600.00

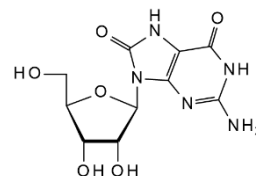
**Orotidylic acid**see *Orotidine 5'-monophosphate trisodium salt*, NO71879 on page 338**8-Oxo-dG**see *2'-Deoxy-8-oxoguanosine*, ND06344 on page 218**8-Oxoguanosine**

- 8-Hydroxy-D-guanosine

[3868-31-3] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>6</sub> 299.24

NO05772

2mg	\$50.00
5mg	\$75.00
10mg	\$130.00

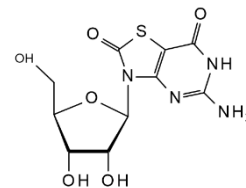


Refs: Lin T-S, et al, J. Med. Chem. 1985, 28, p1194; Mo Y, et al, PNAS 1992, 89, p11021; Takeuchi et al., Carcinogenesis 1993, 292, p85

**8-Oxo-7-thioguanosine**[122970-43-8] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>6</sub>S 316.29

NO02817

5mg	\$135.00
10mg	\$245.00
25mg	\$525.00

**PAc-rA**see *NG-(4-Methoxybenzoyl)adenosine*, NP57529 on page 329**Palmitoyl coenzyme A potassium salt**[1763-10-6] C<sub>37</sub>H<sub>65</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>SK 1044.03

NP46059

1mg	\$60.00
2mg	\$90.00
5mg	\$187.50

**PAPS**see *3'-Phosphoadenosine-5'-phosphosulfate lithium salt hydrate*, NP46144 on page 340**PAP**see *Adenosine 3',5'-diphosphate disodium salt*, NA15774 on page 23

**pCPT-cAMP**

see 8-(4-Chlorophenylthio)adenosine 3',5'-cyclic monophosphate, NC10429 on page 151

**8-pCPT-cGMP**

see 8-(4-Chlorophenylthio)guanosine 3',5'-cyclic monophosphate sodium salt, NC10430 on page 151

**2'-O-Pentylamino-5'-O-DMT-adenosine**

see 5'-O-DMT-2'-O-pentylaminoadenosine, ND08568 on page 262

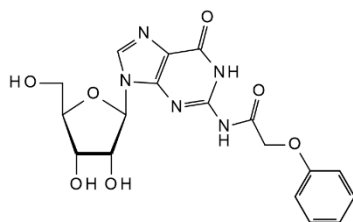
**5'-(2-Phenoxyacetate)-2'-deoxy-3'-O-[bis(4-methoxyphenyl)phenylmethyl]adenosine**

see 2'-Deoxy-3'-O-DMT-5'-O-phenoxyacetyladenosine, ND144749 on page 188

**N2-Phenoxyacetylguanosine**[119824-66-7] C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>7</sub> 417.37

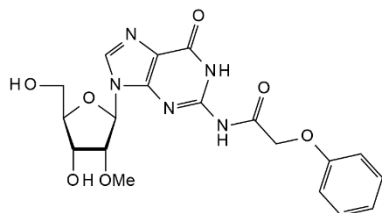
NP45047

10g	\$66.00
25g	\$135.00
50g	\$210.00

**N2-Phenoxyacetyl-2'-O-methylguanosine**C<sub>19</sub>H<sub>21</sub>N<sub>5</sub>O<sub>7</sub> 431.4

NP08428

Price On Application

**N2-Phenoxyacetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)guanosine**

• N2-Phenoxyacetyl-3',5'-TIPS-guanosine

[131474-72-1] C<sub>30</sub>H<sub>45</sub>N<sub>5</sub>O<sub>8</sub>Si<sub>2</sub> 659.88

NP45046

1g	\$450.00
2g	\$600.00
5g	\$850.00

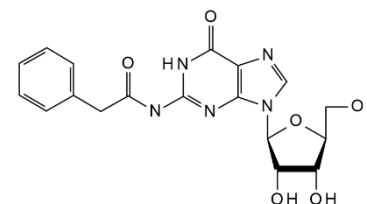
**N2-Phenoxyacetyl-3',5'-TIPS-guanosine**

see N2-Phenoxyacetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)guanosine, NP45046 on page 339

**N2-Phenylacetyl-L-guanosine**C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub> 401.37

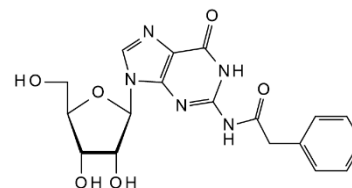
NP09419

10g	\$3150.00
25g	\$5906.50
50g	\$7875.00

**N2-Phenylacetylguanosine**[132628-16-1] C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub> 401.37

NP06294

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



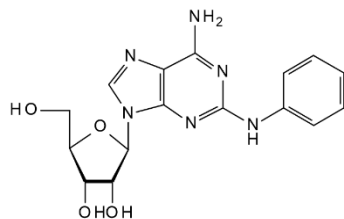
**Phenylamino****2-Phenylaminoadenosine**

• 2-Anilinoadenosine

[53296-10-9] C<sub>16</sub>H<sub>18</sub>N<sub>6</sub>O<sub>4</sub> 358.35

NP07291

5mg	\$80.00
10mg	\$105.00
25mg	\$168.00

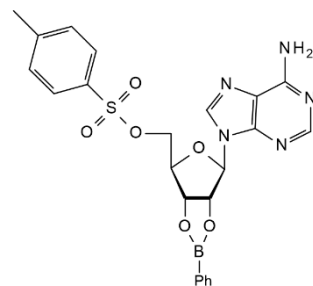


Refs: Martin et.al, Pharmacol. Biochem. Behav, 1993, 45, p951

**2',3'-Phenylboronate-5'-O-p-toluenesulfonyl-adenosine**C<sub>23</sub>H<sub>22</sub>BN<sub>5</sub>O<sub>6</sub>S 507.33

NP07357

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

**6-O-(Phenylmethyl)guanosine**see *O6-Benzyl guanosine*, NB16621 on page 117**3-(Phenylmethyl)-1-β-D-ribofuranosyl-1H-pyrazolo[3,4-d]pyrimidin-4-amine**see *4-Amino-3-benzyl-1H-pyrazolo[3,4-d]pyrimidine 1-β-D-ribofuranose*, NA16507 on page 38**N-Phenylpyridin-4-amine**

• 4-Anilino-pyridine

[22961-45-1] C<sub>11</sub>H<sub>10</sub>N<sub>2</sub> 170.21

NP66702

1g	\$70.00
2g	\$100.00
5g	\$175.00

**Phenyl 3-pyridyl ketone**see *3-Benzoylpyridine*, NB70237 on page 112**4-Phenyl-2-pyrimidinamine**see *2-Amino-4-phenylpyrimidine*, NA57402 on page 60**4-Phenylpyrimidine-2-thiol**[60414-59-7] C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>S 188.25

NP57408

500mg	\$60.00
1g	\$130.30
2g	\$241.70

**4-phenyl-6-(trifluoromethyl)-2-Pyrimidinamine**see *2-Amino-4-phenyl-6-(trifluoromethyl)pyrimidine*, NA57415 on page 60**3'-Phosphoadenosine 5'-phosphate**see *Adenosine 3',5'-diphosphate disodium salt*, NA15774 on page 23**3'-Phosphoadenosine-5'-phosphosulfate lithium salt hydrate**

- PAPS
- Adenosine 3'-phosphate 5'-phosphosulfate lithium salt hydrate

[109434-21-1] C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>13</sub>P<sub>2</sub>S·xLi·yH<sub>2</sub>O 507.27 (anhydrous free acid basis)

NP46144

1mg	\$330.00
2mg	\$500.00
5mg	\$760.00





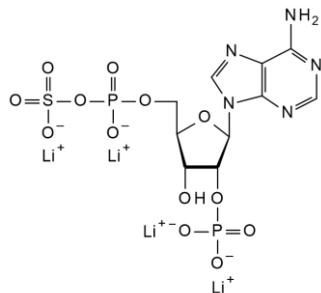
**2'-Phosphoadenosine 5'-phosphosulfate tetralithium salt (mixture with 3'-isomer)**

• Adenosine 2(3')-phosphate 5'-phosphosulfate lithium salt

[102029-54-9][62230-89-1] C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O<sub>13</sub>P<sub>2</sub>S·4Li 531

NP46146

1mg	\$250.00
2mg	\$390.00
5mg	\$875.00

**3'-Phosphoadenosine 5'-phosphosulfate triethylammonium salt**[936827-87-1] C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>13</sub>P<sub>2</sub>S·4C<sub>6</sub>H<sub>15</sub>N 912.03

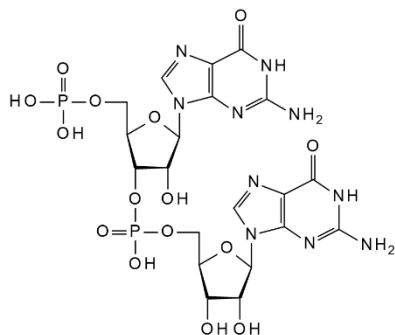
NP46906

1mg	\$175.00
2mg	\$300.00
5mg	\$625.00

**5'-Phosphoguanylyl-(3'->5')-guanosine**[33008-99-0] C<sub>20</sub>H<sub>26</sub>N<sub>10</sub>O<sub>15</sub>P<sub>2</sub>·xNa 708.43 (free acid basis)

NP46568

250ug \$625.00

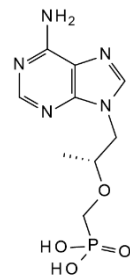
**1-(5-O-Phosphono-b-D-arabinofuranosyl)-2,4(1H,3H)-pyrimidinedione**

see 1-b-D-Arabinofuranosyluracil 5'-monophosphate, NA16509 on page 75

**(R)-9-[2-(Phosphonomethoxy)propyl]adenine**[147127-20-6] C<sub>9</sub>H<sub>14</sub>N<sub>5</sub>O<sub>4</sub>P 287.21

NP11733

1g	\$50.00
2g	\$80.00
5g	\$120.00

**5'-Phosphoribosylglycinamide**

see Glycinamide ribonucleotide, NG59700 on page 282

**N1-(5-Phospho-D-ribosyl)glycinamide**

see Glycinamide ribonucleotide, NG59700 on page 282

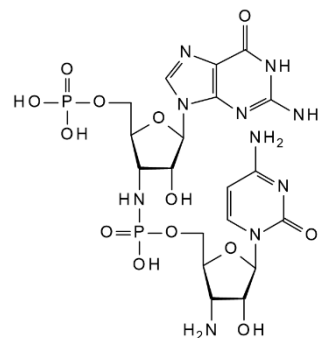
**5'-Phosphoryl-(3'-amino-3'-deoxyguanylyl)-(3'-5')-3'-amino-3'-deoxycytidine**

• [(2R,3S,4R,5R)-4-Amino-2-[[[(2R,3S,4R,5R)-4-amino-5-(4-amino-2-oxo-pyridin-1-yl)-3-phosphonoxy-oxolan-2-yl]methoxymethyl]-5-(2-amino-6-oxo-3H-purin-9-yl)oxolan-3-yl]oxyphosphonic acid

[109679-54-1] C<sub>19</sub>H<sub>28</sub>N<sub>10</sub>O<sub>13</sub>P<sub>2</sub> 666.43

NP28800

Price On Application



## PiC

## piC

see *Pseudoisocytidine hydrochloride*, NP63439 on page 345

## pidC

see *2'-Deoxypseudoisocytidine*, ND63440 on page 219

## 2-(Piperidin-4-Yloxy)Pyrimidine Dihydrochloride

[950649-19-1] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>·2HCl 252.14

NP57382	250mg	\$65.00
	500mg	\$105.00
	1g	\$227.80



## 2-(1-Piperidiny)-5-pyrimidinecarbaldehyde

[149806-11-1] 191.23

NP57429	500mg	\$85.00
	1g	\$195.50
	2g	\$312.70

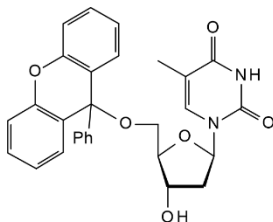


## 5'-O-Pixylthymidine

C<sub>29</sub>H<sub>26</sub>N<sub>2</sub>O<sub>6</sub> 498.53

NP08579

Price On Application



## Poly(G) potassium salt

see *Polyguanylic acid potassium salt*, NP44590 on page 342

## Polyguanylic acid potassium salt

• Poly(G) potassium salt

[54684-83-2]

NP44590	5mg	\$110.00
	10mg	\$210.00
	25mg	\$465.00



## Polyoxin B

[19396-06-6] C<sub>17</sub>H<sub>25</sub>N<sub>5</sub>O<sub>13</sub> 507.41

NP140526	500mg	\$50.00
	1g	\$90.00
	2g	\$157.00



## Polyoxin D

see *Polyoxorim*, NP157259 on page 342

## Polyoxorim

- 5-[[[2-Amino-5-O-(aminocarbonyl)-2-deoxy-L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-allofuranuronic acid
- Polyoxin D

[22976-86-9] C<sub>17</sub>H<sub>23</sub>N<sub>5</sub>O<sub>14</sub> 521.39

NP157259

Price On Application



## ppGpp

see *Guanosine 3',5'-bisdiphosphate lithium salt - 100mM aqueous solution*, NG58214 on page 282

**3'-O-[(Propan-2-ylidene)amino]-thymidine 5'-triphosphate**

• 3'-O-[(1-Methylethylidene)amino]-thymidine 5'-(tetrahydrogen triphosphate)

[1220515-68-3] C<sub>13</sub>H<sub>22</sub>N<sub>3</sub>O<sub>14</sub>P<sub>3</sub> 537.25

NP145591

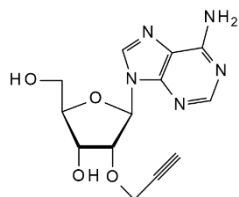
2.5ug \$787.50

**N6-Propargyladenosine-5'-triphosphate sodium salt**C<sub>13</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub> 545.23

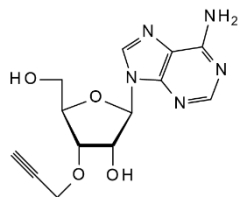
NP30541

1mg \$204.80  
2mg \$367.50  
5mg \$787.50**2'-O-Propargyladenosine**C<sub>13</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 305.29

NP00748

2mg \$45.00  
5mg \$90.00  
10mg \$140.00**3'-O-Propargyladenosine**C<sub>13</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 305.29

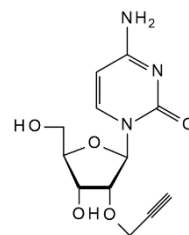
NP05471

5mg \$42.00  
10mg \$63.00  
25mg \$131.50**N6-Propargyladenosine**C<sub>13</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub> 305.29

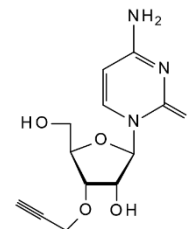
NP30546

1mg \$135.00  
2mg \$250.00  
5mg \$550.00**2'-O-Propargylcytidine**C<sub>12</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 281.26

NP06202

5mg \$47.30  
10mg \$78.80  
25mg \$171.00**3'-O-Propargylcytidine**C<sub>12</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> 281.26

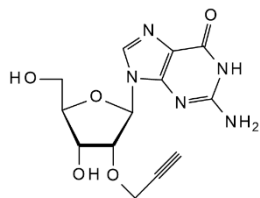
NP06049

5mg \$47.30  
10mg \$63.00  
50mg \$262.50

**Propargylgua****2'-O-Propargylguanosine**C<sub>13</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 321.29

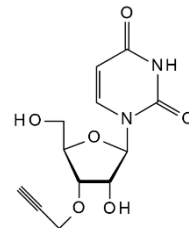
NP06253

5mg	\$68.30
10mg	\$115.50
25mg	\$236.50

**3'-O-Propargyluridine**C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 282.25

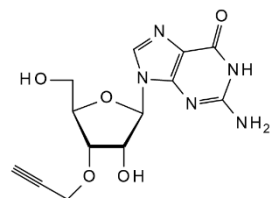
NP06233

2mg	\$40.00
5mg	\$80.00
10mg	\$125.00

**3'-O-Propargylguanosine**C<sub>13</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub> 321.29

NP06219

5mg	\$80.00
10mg	\$130.00
25mg	\$275.00

**8-(2-Propenyloxy)guanosine**

see 8-(Allyloxy)guanosine, NA16502 on page 32

**Propionyl coenzyme A lithium salt**[108321-21-7] C<sub>24</sub>H<sub>39</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>SLi 829.53

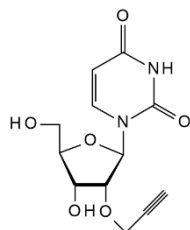
NP47204

2mg	\$50.00
5mg	\$95.00
10mg	\$170.00

**2'-O-Propargyluridine**[129778-58-1] C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>6</sub> 282.25

NP06246

10mg	\$65.00
25mg	\$130.00
50mg	\$235.00

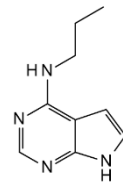
**N6-Propionylcordycepin**

see 3'-Deoxy-N6-propionyladenosine, ND10015 on page 219

**6-Propylamino-7-deazapurine**C<sub>9</sub>H<sub>12</sub>N<sub>4</sub> 176.22

NP11710

100mg	\$105.00
250mg	\$210.00
500mg	\$315.00



**2-(Propylthio)pyrimidine-5-carbaldehyde**

[876890-33-4] 182.24

NP57432

2g	\$89.20
5g	\$195.50
10g	\$312.70

**Pseudoisocytidine hydrochloride**

• piC

[57100-20-6] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>·HCl 279.68

NP63439

5mg	\$75.00
10mg	\$120.00
25mg	\$225.00

**Pseudoisocytidine**[57100-18-2] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub> 243.22

NP63334

50mg	\$250.00
100mg	\$395.00
250mg	\$750.00

**Pseudothymidine**[65358-15-8] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 242.23

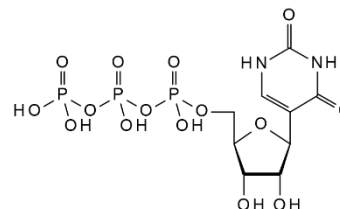
NP16241

5mg	\$105.00
10mg	\$189.00
25mg	\$394.00

**Pseudouridine-5'-triphosphate - 100mM aqueous solution**[1175-34-4] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>Na<sub>3</sub> 550.09

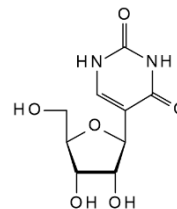
NP09389

1mg	\$204.80
2mg	\$367.50
5mg	\$735.00

**Pseudouridine**[1445-07-4] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 244.2

NP11297

25mg	\$65.00
50mg	\$100.00
100mg	\$175.00

**PSI-6206**

see 2'-Deoxy-2'-fluoro-2'-C-methyluridine, ND29433 on page 200

**Purine riboside-5'-triphosphate**

• Nebularin 5'-triphosphate

[23197-96-8] C<sub>10</sub>H<sub>15</sub>N<sub>4</sub>O<sub>13</sub>P<sub>3</sub> 492.17

NP58309

Price On Application

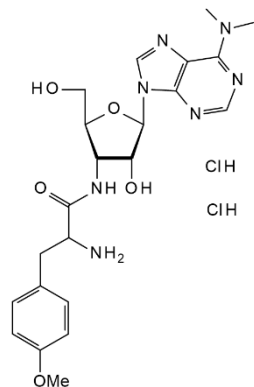


**Puromycindih****Puromycin dihydrochloride**

• 3-[ $\alpha$ -Amino-p-methoxyhydrocinnamamido]-3'-deoxy-N,N-dimethyladenosine dihydrochloride

[58-58-2] C<sub>22</sub>H<sub>29</sub>N<sub>7</sub>O<sub>5</sub>·2HCl 544.44

NP09203	100mg	\$100.00
	250mg	\$210.00
	500mg	\$350.00

**Pyrazolo[1,5-a]pyrimidine-2-carboxylic acid**

[378211-85-9] C<sub>7</sub>H<sub>5</sub>N<sub>3</sub>O<sub>2</sub> 163.13

NP57366	250mg	\$87.50
	500mg	\$140.00
	1g	\$334.70

**4-(3-Pyridinyl)-2-aminopyrimidine**

see 4-(3-Pyridinyl)-2-pyrimidine amine, NP57381 on page 346

**4-(Pyridin-3-yl)pyrimidin-2-amine**

see 4-(3-Pyridinyl)-2-pyrimidine amine, NP57381 on page 346

**4-(3-Pyridinyl)-2-pyrimidine amine**

• 4-(3-Pyridinyl)-2-aminopyrimidine  
• 4-(Pyridin-3-yl)pyrimidin-2-amine

[66521-66-2] 172.19

NP57381	500mg	\$90.00
	1g	\$223.30
	2g	\$357.30

**2-Pyridin-2-ylpyrimidine-5-carbaldehyde**

[954226-94-9] C<sub>10</sub>H<sub>7</sub>N<sub>3</sub>O 185.18

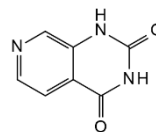
NP57439	1g	\$81.40
	2g	\$130.10
	5g	\$323.00

**Pyrido[3,4-d]pyrimidine-2,4(1H,3H)-dione**

[21038-67-5]

NP44307

Price On Application

**6-(2-Pyridylmethylthio)-9-b-D-ribofuranosyl-9H-purine**

see 6-(2-Pyridylmethylthio)-9-(b-D-ribofuranosyl)purine, NP07299 on page 347

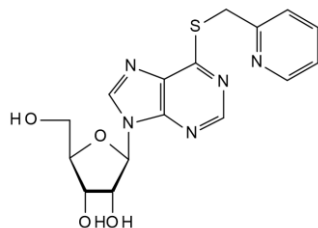
**6-(2-Pyridylmethylthio)-9-(b-D-ribofuranosyl)purine**

• 6-(2-Pyridylmethylthio)-9-b-D-ribofuranosyl-9H-purine

C<sub>16</sub>H<sub>17</sub>N<sub>5</sub>O<sub>4</sub>S 375.4

NP07299

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

**Pyrimidine-5-carbothioic acid amide**[88891-75-2] C<sub>5</sub>H<sub>5</sub>N<sub>2</sub>S 139.18

NP57371

25mg	\$65.50
50mg	\$116.50
100mg	\$186.00

**4-Pyrimidinecarboxaldehyde, dimethyl acetal**

see 4-(Dimethoxymethyl)pyrimidine, ND57369 on page 249

**Pyrimidine-5-carboxamide hydrochloride**

• Pyrimidin-5-yl-methanediamine hydrochloride

[690619-43-3] C<sub>5</sub>H<sub>6</sub>N<sub>4</sub>·HCl 158.59

NP57377

100mg	\$86.00
250mg	\$105.00
500mg	\$170.00

**4-Pyrimidinecarboxylic acid hydrazide**

see Pyrimidine-4-carboxylic acid hydrazide, NP57376 on page 347

**Pyrimidine-4-carboxylic acid hydrazide**

• 4-Pyrimidinecarboxylic acid hydrazide

[39513-54-7] C<sub>5</sub>H<sub>6</sub>N<sub>4</sub>O 138.13

NP57376

250mg	\$70.00
500mg	\$110.00
1g	\$318.50

**Pyrimidine-4-carboxylic acid methyl ester**

• Methyl 4-pyrimidine carboxylate

[2450-08-0] C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub> 138.12

NP57387

500mg	\$50.00
1g	\$75.00
2g	\$100.00

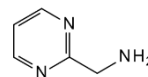
**2-Pyrimidinemethanamine**

• Pyrimidin-2-yl-methylamine

[75985-45-4] C<sub>5</sub>H<sub>7</sub>N<sub>3</sub> 109.13

NP57370

50mg	\$60.50
100mg	\$97.00
250mg	\$122.50

**Pyrimidine-2-ylhydrazine**

• 2-Hydrazinopyrimidine

[7504-94-1] C<sub>4</sub>H<sub>6</sub>N<sub>4</sub> 110.12

NP57400

500mg	\$60.00
1g	\$90.00
2g	\$170.00

**Pyrimidin-2-ylmethanamine oxalate**

see 2-(Aminomethyl)pyrimidine oxalate, NA57383 on page 59

## PyrimidinyIm

## Pyrimidin-5-yl-methanedianine hydrochloride

see *Pyrimidine-5-carboxamide hydrochloride, NP57377* on page 347

## Pyrimidin-2-yl-methylamine

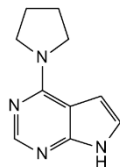
see *2-Pyrimidinemethanamine, NP57370* on page 347

## 6-Pyrrolidino-7-deazapurine

C<sub>10</sub>H<sub>12</sub>N<sub>4</sub> 188.23

NP11711

100mg	\$116.00
250mg	\$210.00
500mg	\$395.00



## P

## 2-Pyrrolidin-1-ylpyrimidine-5-carbaldehyde

[937796-10-6] 177.2

NP57437

1g	\$95.30
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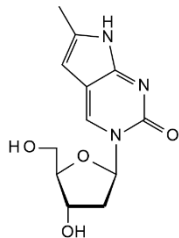
## N-Pyrrolo-2'-deoxycytidine

• 6-Methyl-3-(β-D-2-deoxyribofuranosyl)pyrrolo[2,3-d]pyrimidin-2-one

[382137-74-8] C<sub>12</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> 265.27

NP08698

2mg	\$64.00
5mg	\$125.00
10mg	\$200.00



## 7H-Pyrrolo[2,3d]pyrimidine

[271-70-5] C<sub>6</sub>H<sub>5</sub>N<sub>3</sub> 119.12

NP32608

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



## Queuosine

see *7-(4,5-cis-Dihydroxy-1-cyclopenten-3-ylaminomethyl)-7-deazaguanosine, ND157876* on page 248

## Racivir

see *(+)-Emtricitabine, NE16704* on page 267

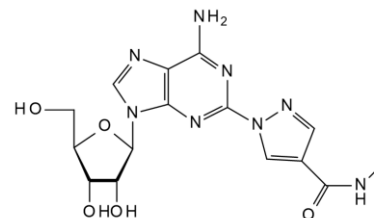
## Regadenoson

• 2-[4-[(Methylamino)carbonyl]-1H-pyrazol-1-yl]-adenosine

[313348-27-5] C<sub>15</sub>H<sub>18</sub>N<sub>8</sub>O<sub>5</sub> 390.36

NR07283

2mg	\$68.00
5mg	\$120.00
10mg	\$160.00



Refs: Palle VP, et.al, J.A Drug Dev.Res, 2000, 50, p64

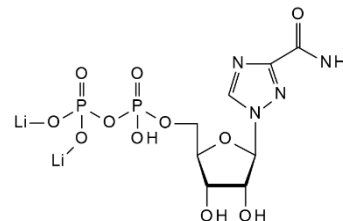


## Ribavirin 5'-diphosphate lithium salt

[63142-70-1] C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>11</sub>P<sub>2</sub>Li<sub>2</sub> 416.03

NR10471

1mg	\$464.40
2mg	\$774.00
5mg	\$1612.50

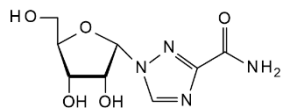




**a-Ribavirin (impurity B)**[57198-02-4] C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 244.2

NR10396

1mg	\$235.00
2mg	\$420.00
5mg	\$875.00

**Ribavirin Impurity G**see *Isoribavirin*, NI09827 on page 300**Ribavirin 5'-monophosphate diammonium salt**

• Virazole 5'-monophosphate

C<sub>8</sub>H<sub>19</sub>N<sub>6</sub>O<sub>8</sub>P 358.25

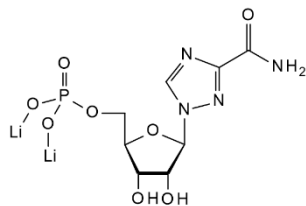
NR46023

Price On Application

**Ribavirin 5'-monophosphate dilithium salt**[66983-94-6] C<sub>8</sub>H<sub>11</sub>Li<sub>2</sub>N<sub>4</sub>O<sub>8</sub>P 336.05

NR04851

1mg	\$89.30
2mg	\$157.50
5mg	\$300.00

**Ribavirin 5'-monophosphate sodium salt**[40925-28-8] C<sub>8</sub>H<sub>13</sub>N<sub>4</sub>O<sub>8</sub>P·xNa 324.18 (free acid basis)

NR46024

2mg \$1100.00

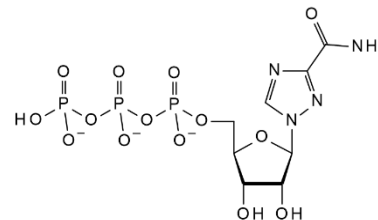
**Ribavirin 5'-triphosphate sodium salt**

• 1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxamide-5'-triphosphate

[63142-71-2] C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>Na<sub>4</sub>O<sub>14</sub>P<sub>3</sub> 550.09

NR09650

1mg	\$390.00
2mg	\$750.00
5mg	\$1750.00

**Ribavirin 5'-triphosphate tetrasodium salt - 10mM aqueous solution**

• 1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxamide-5'-triphosphate

[63142-71-2] C<sub>8</sub>H<sub>15</sub>N<sub>4</sub>O<sub>14</sub>P<sub>3</sub>·Na<sub>4</sub> 576.1

NR63594

1mg	\$390.00
2mg	\$750.00
5mg	\$1750.00

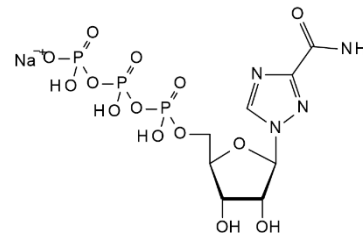
**Ribavirin 5'-triphosphate triethylammonium salt - 10 mM aqueous solution**

• 1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxamide-5'-triphosphate

C<sub>8</sub>H<sub>14</sub>N<sub>4</sub>O<sub>14</sub>P<sub>3</sub>·Na 506.13

NR12804

1mg	\$395.00
2mg	\$700.00
5mg	\$1250.00

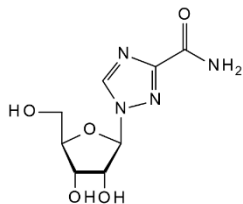


**Ribavirin****Ribavirin**

- 1-b-D-Ribofuranosyl-1H-1,2,4-triazole-3-carboxamide
- Viramid

[36791-04-5] C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 244.2

NR02712	50g	\$60.00
	100g	\$100.00
	250g	\$200.00



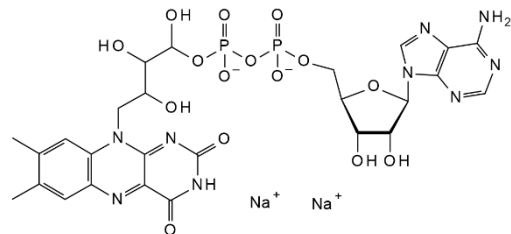
Refs: Crotty S, Maag D, Arnold JJ, Zhong W, Lau JYN, et al, Nature Medicine 2000, 6, 1375-1379

**Ribocytidine 3'(2')-Monophosphate**see *Cytidine 3'(2')-monophosphate*, NC03937 on page 161**Riboflavin 5'-adenosine diphosphate disodium salt hydrate**

- FAD-Na<sub>2</sub>
- Flavin adenosine dinucleotide disodium salt
- Adenosine-riboflavine dinucleotide

[84366-81-4][146-14-5] C<sub>27</sub>H<sub>31</sub>N<sub>9</sub>Na<sub>2</sub>O<sub>15</sub>P<sub>2</sub>·xH<sub>2</sub>O 829.51 (anhydrous basis)

NR35410	250mg	\$75.00
	500mg	\$120.00
	1g	\$200.00

**Riboflavin 5'-(trihydrogen diphosphate) P'→5'-ester with N-(2-Aminoethyl)adenosine**

- N6-(2-Aminoethyl)-FAD

[167962-39-2] C<sub>28</sub>H<sub>38</sub>N<sub>10</sub>O<sub>15</sub>P<sub>2</sub> 828.62

NR76131

Price On Application

**9-(b-D-Ribofuranosyl)-6-furfurylaminopurine**see *Kinetin riboside*, NK06717 on page 301**9-(b-L-Ribofuranosyl)adenine**see *L-Adenosine*, NA06227 on page 27**N1-(b-D-Ribofuranosyl)-5-aminoimidazole-4-carboxamide**see *5-Aminoimidazole-4-carboxamide-1-b-D-ribofuranose*, NA03552 on page 56**1-(b-L-ribofuranosyl)cytosine**see *L-Cytidine*, NC02628 on page 162**1-(b-D-Ribofuranosyl)-5-fluorouracil**see *5-Fluorouridine*, NF04076 on page 280**N-(9-b-D-Ribofuranosyl-9H-furin-6-yl)-butyramide cyclic 3',5'-(hydrogen phosphate) 2'-butyrate**[362-74-3] C<sub>18</sub>H<sub>24</sub>N<sub>5</sub>O<sub>8</sub>P 469.39

NR145431

Price On Application

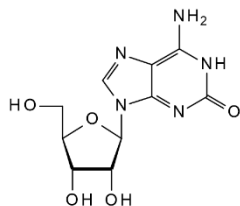
**9-(b-D-Ribofuranosyl)guanine**see *Guanosine*, NG06314 on page 286**9-(b-D-[2-18O]Ribofuranosyl)guanine**see *[2-18O]Guanosine*, NG106386 on page 286**9-(b-L-Ribofuranosyl)guanine**see *L-Guanosine*, NG05944 on page 286**1-(b-D-Ribofuranosyl)-5-hydroxyimidazole-4-carboxamide**see *Mizoribine*, NM09731 on page 329**1-b-D-Ribofuranosyl-4-hydroxy-2-pyridone**see *3-Deazaauridine*, ND16524 on page 170

**1-b-D-Ribofuranosyl-5-iodocytosine**see *5-Iodocytidine*, NI04748 on page 294**1-b-D-Ribofuranosylisobarbituric acid**see *5-Hydroxyuridine*, NH32540 on page 291**9-(b-D-Ribofuranosyl)isoguanine**

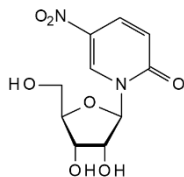
## • Isoguanosine

[1818-71-9] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub> 283.25

NR09651	100mg	\$120.00
	250mg	\$275.00
	500mg	\$475.00

**1-(b-D-Ribofuranosyl)-5-nitropyridine-2-one**[59892-36-3] C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>7</sub> 272.21

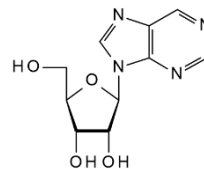
NR04848	50mg	\$210.00
	100mg	\$368.00
	250mg	\$682.50

**9-b-D-Ribofuranosylpurine triacetate**see *2',3',5'-Tri-O-acetylnebularine*, NT16568 on page 372**9-(b-D-Ribofuranosyl)purine**

## • Nebularine

[550-33-4] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub> 252.23

NR05251	50mg	\$85.00
	100mg	\$145.00
	250mg	\$325.00



Refs: Iwamura H, Hashizume T, J.O.C, 1968, 33, 5, p1796

**N-(9-b-D-Ribofuranosyl-9H-purin-6-yl)-L-aspartic acid**see *N6-Succinyl adenosine*, NS16562 on page 354**N-(9-b-D-Ribofuranosyl-9H-purin-6-yl)-formamide**see *N6-Formyl-adenosine*, NF146409 on page 280**1-b-D-Ribofuranosyl-1H-pyrazolo[3,4-d]pyrimidine-4-one**see *Allopurinol riboside*, NA07960 on page 31**1-b-D-Ribofuranosyl-2(1H)-pyrimidinone**see *4-Deoxyuridine*, ND09503 on page 225**1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxamide-5'-triphosphate, lithium salt**

NR32047

Price On Application

**1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxamide-5'-triphosphate**see *Ribavirin 5'-triphosphate sodium salt*, NR09650 on page 349**1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxamide-5'-triphosphate**see *Ribavirin 5'-triphosphate tetrasodium salt - 10mM aqueous solution*, NR63594 on page 349

**Ribofuranosyl****1-b-D-Ribofuranosyl-1,2,4-triazole-3-carboxamide-5'-triphosphate**

see *Ribavirin 5'-triphosphate triethylammonium salt - 10 mM aqueous solution, NR12804 on page 349*

**1-b-D-Ribofuranosyl-1H-1,2,4-triazole-3-carboxamide**

see *Ribavirin, NR02712 on page 350*

**1-b-D-Ribofuranosyl-1H-1,2,4-triazole-5-carboxamide**

see *Isoribavirin, NI09827 on page 300*

**1-(a-D-Ribofuranosyl)uracil**

[3258-07-9] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 244.2

NR31832

5g	\$1050.00
10g	\$1700.00
25g	\$3125.00



R

**1-(b-L-ribofuranosyl)uracil**

see *L-Uridine, NU04051 on page 382*

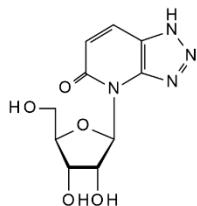
**4-(b-D-Ribofuranosyl)-vic-triazolo[4,5-b]pyridin-5-one**

• 1,4-Dihydro-4-(b-D-ribofuranosyl)-5H-1,2,3-triazolo[4,5-b]pyridin-5-one

[59892-40-9] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub> 268.23

NR04971

25mg	\$236.50
50mg	\$394.00
100mg	\$683.00

**9-b-D-Ribofuranosylxanthine**

see *Xanthosine, NX02884 on page 384*

**9-b-D-Ribofuranosylxanthine**

see *Xanthosine dihydrate, NX28984 on page 383*

**L-Ribose NAD**

663

NL30093

Price On Application

**Rp-Adenosine 3',5'-cyclic monophosphorothioate triethylammonium salt hydrate**

see *Adenosine 3',5'-cyclic monophosphorothioate Rp-isomer triethylammonium salt, NA08993 on page 22*

**Rp-8-Br-cAMPS**

see *8-Bromoadenosine 3',5'-cyclic monophosphorothioate, Rp-isomer sodium salt, NB13568 on page 122*

**Rp-Cyclic 3',5'-hydrogen phosphorothioate adenosine triethylammonium salt**

see *Adenosine 3',5'-cyclic monophosphorothioate Rp-isomer triethylammonium salt, NA08993 on page 22*

**SAICAR Dibarium salt**

see *N-Succinyl-5-aminoimidazole-4-carboxamide ribose 5'-phosphate dibarium salt, NS45131 on page 354*

**SAICAR**

see *N-Succinyl-5-aminoimidazole-4-carboxamide ribose disodium salt, NS16860 on page 354*

**SAM chloride dihydrochloride**

see *S-(5'-Adenosyl)-L-methionine chloride dihydrochloride, NA29499 on page 28*

**SAMe p-toluenesulfonate**

see *S-Adenosyl-L-methionine p-toluenesulfonate, NA04017 on page 28*

**Sangivamycin**

• 7-Deaza-7-carbamoyladenosine

[18417-89-5]  $C_{12}H_{15}N_5O_5 \cdot xH_2O$  309.28 (anhydrous basis)

NS139064

Price On Application

**Sanilvudine**

see 2',3'-Dideohydro-2',3'-dideoxythymidine, ND07118 on page 239

**Sapacitabine**

• 1-(2-Deoxy-2-cyano-b-D-arabinofuranosyl)cytosine

[151823-14-2]  $C_{26}H_{42}N_4O_5$  490.64

NS29828

Price On Application

**2-(sec-Butylthio)pyrimidine-5-carbaldehyde**[915920-24-0]  $C_9H_{12}N_2OS$  196.27

NB57434

1g	\$81.40
2g	\$130.10
5g	\$323.00

**Sonedenoson**

see 2-[2-(4-Chlorophenyl)ethoxy]adenosine, NC16521 on page 150

**Sp-8-Br-cAMP**

see 8-Bromoadenosine 3',5'-cyclic monophosphorothioate, Sp-isomer sodium salt, NB08953 on page 123

**Sp-cAMPS. TEA**

see Adenosine 3',5'-cyclic monophosphorothioate Sp-isomer triethylammonium salt, NA08995 on page 22

**Sp-cAMPS**

see Adenosine 3',5'-cyclic monophosphothioate Sp-isomer sodium salt, NA08994 on page 22

**Stavudine 5'-monophosphate sodium salt - 10 mM aqueous solution**

• 2',3'-Dideohydro-2',3'-dideoxythymidine-5'-monophosphate sodium salt

 $C_{10}H_{13}N_2O_7P \cdot xNa$  304.19 (free acid)

NS30745	50ug	\$199.50
	250ug	\$657.50
	500ug	\$1105.00

**Stavudine 5'-monophosphate triethylammonium salt**

• 2',3'-Dideohydro-2',3'-dideoxythymidine 5'-monophosphate sodium salt

NS15337	1mg	\$504.00
	2mg	\$882.00
	5mg	\$1890.00

**Stavudine 5'-triphosphate sodium salt - 10 mM aqueous solution**

• 2',3'-Dideohydro-2',3'-dideoxy-thymidine-5'-triphosphate sodium salt

 $C_{10}H_{15}N_2O_{13}P_3 \cdot xNa$  464.15 (free acid)

NS30746	100ug	\$305.00
	200ug	\$504.00

**Stavudine 5'-triphosphate triethylammonium salt**

• 2',3'-Dideohydro-2',3'-dideoxythymidine 5'-triphosphate sodium salt

NS15336	1mg	\$504.00
	2mg	\$882.00
	5mg	\$1890.00



**Stavudine****Stavudine**

see 2',3'-Didehydro-2',3'-dideoxythymidine, ND07118 on page 239

**Stearoyl coenzyme A**

• n-Octadecanoyl coenzyme A

[362-66-3] C<sub>39</sub>H<sub>70</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S 1034

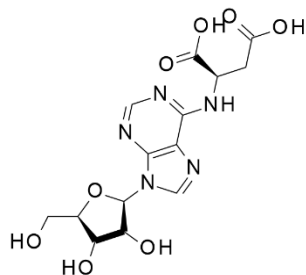
NS47205	5mg	\$125.00
	10mg	\$195.00
	25mg	\$375.00

**N6-Succinyl adenosine**

- N-(9-b-D-Ribofuranosyl-9H-purin-6-yl)-L-aspartic acid
- 6-(1,2-Dicarboxylethylamino)-9-b-D-ribofuranosylpurine
- (S)-N-(1,2-Dicarboxylethyl)adenosine

[4542-23-8] C<sub>14</sub>H<sub>17</sub>N<sub>5</sub>O<sub>8</sub> 383.31

NS16562	1mg	\$90.00
	2mg	\$150.00
	5mg	\$250.00



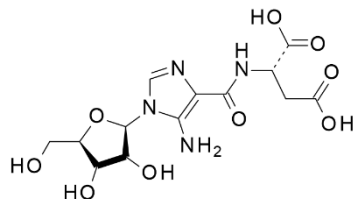
Refs: Wevers, R, et al, Clin. Chem, 41, 744 (1995); Nassogne, M, et al, Brain Dev, 22, 383 (2000); Jurecka, A, et al, Mol. Genet, 94, 435 (2008)

**N-Succinyl-5-aminoimidazole-4-carboxamide ribose disodium salt**

- N-[(5-Amino-1-b-D-ribofuranosyl-1H-imidazol-4-yl)carbonyl]-L-aspartic acid
- SAICAR

[17388-80-6] C<sub>13</sub>H<sub>16</sub>N<sub>4</sub>O<sub>9</sub>Na<sub>2</sub> 418.27

NS16860	1mg	\$180.00
	2mg	\$310.00
	5 mg	\$650.00



Refs: Gollub, E.G, et al, J. Bacteriol, 78, 320 (1959); Srivastava, P.C, et al, J. Med. Chem, 17, 1207 (1974)

**N-Succinyl-5-aminoimidazole-4-carboxamide ribose 5'-phosphate dibarium salt**

- SAICAR Dibarium salt
- N-[(5-Amino-1-b-D-ribofuranosylimidazol-4-yl)carbonyl]-L-aspartic acid

[6057-44-9][3031-95-6] C<sub>13</sub>H<sub>15</sub>Bar<sub>2</sub>N<sub>4</sub>O<sub>12</sub>P 724.91

NS45131	.5mg	\$250.00
	1mg	\$450.00
	2mg	\$800.00

**2'-TBDMS-Bz-rA**

see N6-Benzoyl-2'-O-tert-butylidimethylsilyadenosine, NT57542 on page 94

**2'-TBDMS-Bz-rC**

see N4-Benzoyl-2'-O-tert-butylidimethylsilycytidine, NT57545 on page 95

**3TC**

see Lamivudine, NL06295 on page 302

**TDP-Fucose**

see Thymidine-5'-diphosphate-b-L-fucose, NT04379 on page 363

**Telbivudine**

see L-Thymidine, NT02679 on page 365

**Tert-Butyl 2-Phenyl-4-(P-Tolylsulfonyloxy)-7,8-Dihydropyrido[4,3-D]Pyrimidine-6(5H)-Carboxylate**C<sub>25</sub>H<sub>27</sub>N<sub>3</sub>O<sub>5</sub>S 481.57

NB57393	25mg	\$93.00
	50mg	\$186.00
	100mg	\$298.00

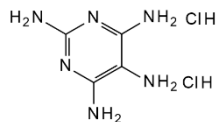


**2,4,5,6-Tetraaminopyrimidine 2HCl**

[39944-62-2]

NT44267

Price On Application

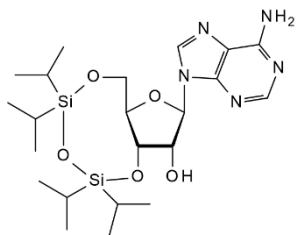
**Tetrabenzyl-D-thymidine-3',5'-diphosphate**see *Thymidine-3',5'-tetrabenzylidiphosphate*, NT07361 on page 364**n-Tetradecanoyl coenzyme A lithium salt**see *Myristoyl coenzyme A lithium salt*, NM63223 on page 329**n-Tetradecanoyl coenzyme A**see *Myristoyl coenzyme A*, NM47200 on page 330**3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)adenosine**

• 3',5'-TIPPS-D-adenosine

[69304-45-6] C<sub>22</sub>H<sub>39</sub>N<sub>5</sub>O<sub>5</sub>Si<sub>2</sub> 509.76

NT08580

500mg	\$60.00
1g	\$99.80
2g	\$147.00

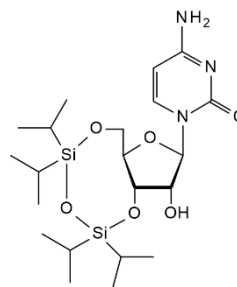
**3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)cytidine**

• 3',5'-TIPS-cytidine

[69304-42-3] C<sub>21</sub>H<sub>39</sub>N<sub>3</sub>O<sub>6</sub>Si<sub>2</sub> 485.72

NT08581

1g	\$73.50
2g	\$115.50
5g	\$262.50

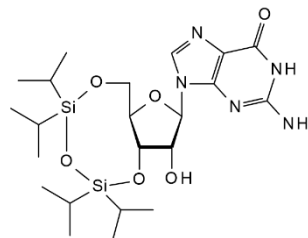
**3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)guanosine**

• 3',5'-O-TIPPS-guanosine

[69304-44-5] C<sub>22</sub>H<sub>39</sub>N<sub>5</sub>O<sub>6</sub>Si<sub>2</sub> 525.76

NT08583

1g	\$95.00
2g	\$140.00
5g	\$300.00

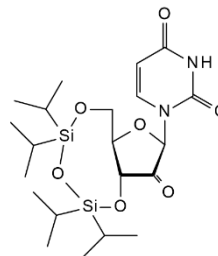
**3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxane-1,3-diyl)-2'-ketouridine**

• 3',5'-O-(Tetraisopropyl-1,3-disiloxane-1,3-diyl)-2'-oxouridine

[84828-97-7] C<sub>21</sub>H<sub>36</sub>N<sub>2</sub>O<sub>7</sub>Si<sub>2</sub> 484.69

NT31833

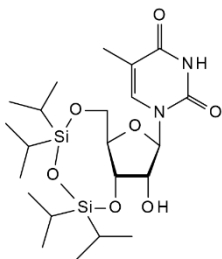
100mg	\$72.00
250mg	\$142.50
500mg	\$225.00



**Tetraisoprop****3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)-5-methyluridine**[130983-87-8] C<sub>22</sub>H<sub>40</sub>N<sub>2</sub>O<sub>7</sub>Si<sub>2</sub> 500.73

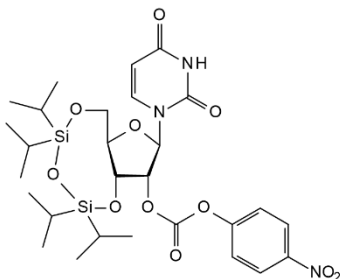
Price On Application

NT57556

**3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)-2'-(p-nitrophenylcarbonyloxy)uridine**[202533-73-1] C<sub>28</sub>H<sub>41</sub>N<sub>3</sub>O<sub>11</sub>Si<sub>2</sub> 651.81

1g \$1500.00

NT61635

**3',5'-O-(Tetraisopropylidisiloxane-1,3-diyl)-2'-oxouridine**

see 3',5'-O-(1,1,3,3-Tetraisopropylidisiloxane-1,3-diyl)-2'-ketouridine, NT31833 on page 355

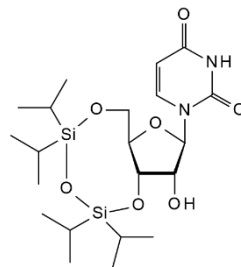
**3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)uridine**

• 3',5'-TIPPS-uridine

[69304-38-7] C<sub>21</sub>H<sub>38</sub>N<sub>2</sub>O<sub>7</sub>Si<sub>2</sub> 486.71

NT08582

1g	\$65.00
2g	\$112.00
5g	\$225.00

**3',5'-O-Tetraisopropylidisiloxane guanosine**

see 3',5'-O-[Tetrakis(1-methylethyl)-1,3-disiloxanediyl]-guanosine, NT16564 on page 356

**3',5'-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediyl]-guanosine**

see 3',5'-O-[Tetrakis(1-methylethyl)-1,3-disiloxanediyl]-guanosine, NT16564 on page 356

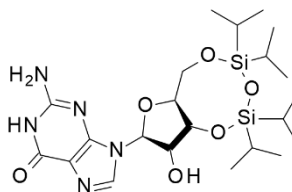
**3',5'-O-[Tetrakis(1-methylethyl)-1,3-disiloxanediyl]-guanosine**

- 3',5'-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediyl]-guanosine
- 6H-Furo[3,2-f]-1,3,5,2,4-trioxadisilocin, guanosine deriv.
- 3',5'-O-Tetraisopropylidisiloxane guanosine

[88183-82-8] C<sub>22</sub>H<sub>39</sub>N<sub>5</sub>O<sub>6</sub>Si<sub>2</sub> 525.75

NT16564

2mg	\$142.76
5mg	\$259.55
10mg	\$471.90

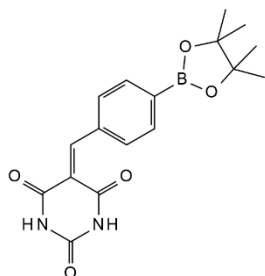




**5-[4-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)-benzylidene]-pyrimidine-2,4,6-trione**

NT44284

1g	\$93.50
2g	\$149.60
5g	\$239.30

**Tezacitabine**

see (E)-2'-Deoxy-2'-(fluoromethylene)cytidine, ND10202 on page 200

**TFA-aa-dC**

[96102-27-1] 378.3

NT57548

Price On Application

**TFA-aa-dU**

[115794-55-3] 379.29

NT57550

Price On Application

**TFA-aha-dC**

491.46

NT57549

Price On Application

**TFA-aha-dU**

[252337-58-9] 396.45

NT57552

Price On Application

**TFA-ap-dU**

377.27

NT57551

Price On Application

**2'-TFA-NH-dA**

362.26

NT57539

Price On Application



## TFANHdC

## 2'-TFA-NH-dC

338.24

NT57540

Price On Application



## 2'-TFA-NH-dG

378.26

NT57541

Price On Application



## 2-(2-Thienyl)-5-pyrimidinecarbaldehyde

[921939-12-0] C<sub>9</sub>H<sub>6</sub>N<sub>2</sub>O<sub>S</sub> 190.22

NT57436

1g	\$81.40
2g	\$130.10
5g	\$323.00



## 4-(2-Thienyl)-2-pyrimidinethiol

• 4-(Thiophen-2-yl)pyrimidine-2-thiol

[175202-75-2] C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>S<sub>2</sub> 194.28

NT57413

500mg	\$60.00
1g	\$134.80
2g	\$215.70

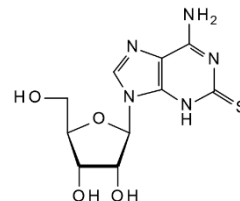


## 2-Thioadenosine

[43157-50-2] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>S 299.31

NT07655

25mg	\$121.00
50mg	\$205.00
100mg	\$368.00



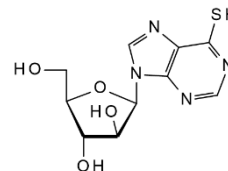
## 6-Thio-9-(b-D-arabinofuranosyl)purine

• 6-Mercapto-9-(b-D-arabinofuranosyl)purine

[90899-89-1][892-49-9] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub>S 284.29

NM06321

100mg	\$69.00
200mg	\$96.00
500mg	\$160.00



## a-Thio-ATP

see Adenosine-5'-O-(1-thiotriphosphate) lithium salt - 100 mM aqueous solution, NA58205 on page 26

## 2-Thio-6-azauridine

see 6-Aza-2-thiouridine, NA08057 on page 78

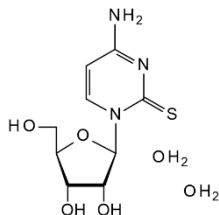
## a-Thio-CTP

see Cytidine-5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution, NC58206 on page 161

**2-Thiocytidine**[13239-97-9] C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>S 259.28

NT02911

5mg	\$60.00
10mg	\$95.00
25mg	\$175.00



Refs: Ueda T, Ohsuka H, Chem. Pharm. Bull. 1973, 21, 7, p1530

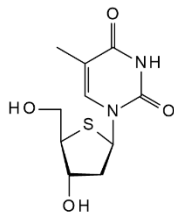
**α-Thio-dATP**

see 2'-Deoxyadenosine-5'-O-(1-thiotriphosphate) lithium salt - 100 mM aqueous solution, ND32070 on page 172

**4'-Thio-2'-deoxythymidine**[134111-35-6] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>S 258.3

NT57661

1mg	\$87.00
2mg	\$138.00
5mg	\$275.00

**α-Thio-dGTP**

see 2'-Deoxyguanosine-5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution, ND32068 on page 206

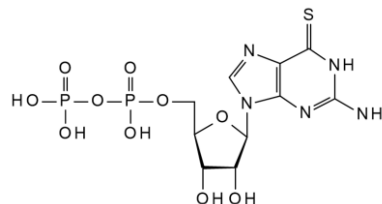
**α-Thio-GTP**

see Guanosine 5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution, NG58207 on page 285

**6-Thioguanosine-5'-O-diphosphate**[16541-19-8] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>S 459.27

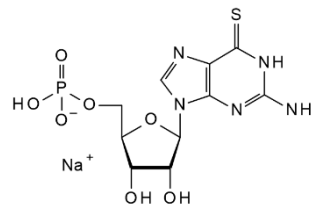
NT36522

1mg	\$275.00
2mg	\$450.00
5mg	\$1000.00

**6-Thioguanosine-5'-O-monophosphate sodium salt**[74686-78-5] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>7</sub>PS·Na 401.27

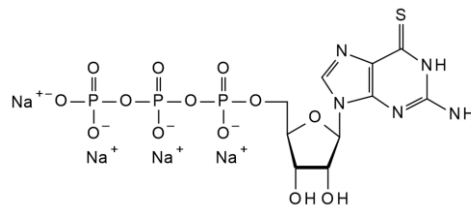
NT11483

1mg	\$400.00
2mg	\$600.00
5mg	\$1250.00

**6-Thioguanosine-5'-O-triphosphate sodium salt**[17670-19-8 (free acid)] C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>S 539.25

NT36523

1mg	\$265.00
2mg	\$330.00
5mg	\$750.00



**Thioguanosin****4'-Thioguanosine**

• 4-Mercaptoguanosine

[74249-68-6] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>S 299.31

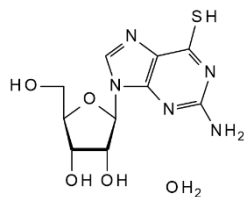
NG74932

Price On Application

**6-Thioguanosine**• 2-Amino-6-mercapto-9-(β-D-ribofuranosyl)purine  
• 6-Mercaptoguanosine[85-31-4][345909-25-3] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>S·xH<sub>2</sub>O 299.31 (anhydrous basis)

NT04480

100mg	\$40.00
250mg	\$70.00
500mg	\$120.00

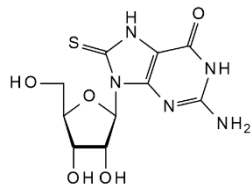
Refs: Szorcik A, Nagy L, Gajda-Schranz K, et al, *Academical Klado* 252, 3, p523**8-Thioguanosine**

• 8-Mercaptoguanosine

[26001-38-7] C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub>S 315.3

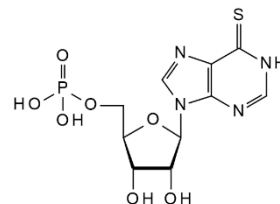
NT07601

5mg	\$65.00
10mg	\$110.00
25mg	\$190.00

**6-Thioinosine 5'-monophosphate**[53-83-8] C<sub>10</sub>H<sub>13</sub>N<sub>4</sub>O<sub>7</sub>PS 364.27

NT10843

1mg	\$95.00
2mg	\$170.00
5mg	\$370.00

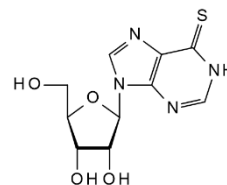
**6-Thioinosine**

• 6-Mercaptopurine riboside

[574-25-4][4988-64-1] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub>S 284.29

NT08808

500mg	\$65.00
1g	\$115.00
2g	\$220.00

**Thionicotinamide adenine dinucleotide**

[4090-29-3]

NT71492

Price On Application

**4-(Thiophen-2-yl)pyrimidin-2-amine**

see 2-Amino-4-(thien-2-yl)pyrimidine, NA57407 on page 62

**4-(Thiophen-2-yl)pyrimidine-2-thiol**

see 4-(2-Thienyl)-2-pyrimidinethiol, NT57413 on page 358

**6-Thiopurine-2'-deoxyriboside**

see 6-Mercapto-9-(2'-deoxy-β-D-ribofuranosyl)purine, NM02964 on page 305

**6-Thiopurine-2',3'-dideoxyriboside**see *2',3'-Dideoxy-6-thio-inosine, ND45441* on page 246**2-Thiothymidine**[28585-51-5] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>S 258.3

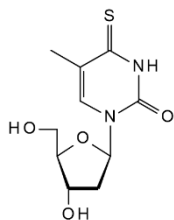
NT02914	10mg	\$75.00
	25mg	\$125.00
	50mg	\$225.00



Refs: Nucleic Acids Res, 1989, 17, p4957

**4-Thiothymidine**[7236-57-9] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>S 258.3

NT06341	50mg	\$42.00
	100mg	\$63.00
	250mg	\$105.00



Refs: Neylon C, Cross H, Clark IP, Tavender SM, Parker AW, Central Laser Facility Report 2004/5, p163; J. Med. Chem, 1991, 34, p2361

**[1',2',3',4',5'-13C5]-4-Thiothymidine**

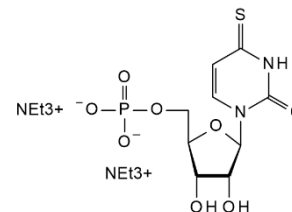
NT35287

Price On Application

**α-Thio-TTP**see *Thymidine-5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution, NT32067* on page 364**2-Thiouridine-5'-monophosphate triethylammonium salt - Aqueous solution**[29123-25-9 (free acid)] C<sub>21</sub>H<sub>43</sub>N<sub>4</sub>O<sub>8</sub>PS 542.63

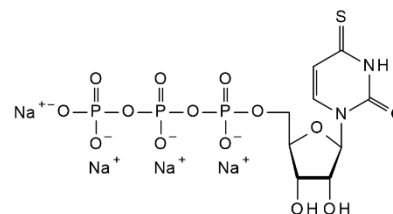
NT29608

1mg	\$126.00
2mg	\$189.00
5mg	\$262.50

**2-Thio-uridine 2',3',5'-tribenzoate**see *2',3',5'-Tri-O-benzoyl-2-thiouridine, NT16569* on page 374**2-Thiouridine 2',3',5'-tribenzoate**see *2',3',5'-Tri-O-benzoyl-2-thiouridine, NT16569* on page 374**4-Thiouridine-5'-triphosphate sodium salt**[31556-28-2 (free acid)] C<sub>9</sub>H<sub>15</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub>S·4Na 592.17

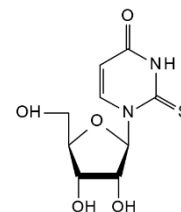
NT34810

1mg	\$309.80
2mg	\$525.00
5mg	\$1100.00

**2-Thiouridine**[20235-78-3] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>S 260.27

NT02881

50mg	\$115.50
100mg	\$184.00
250mg	\$395.00

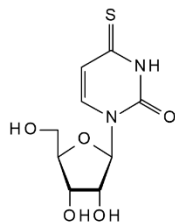


Refs: Nawrot B, et.al, Nucleosides Nucleotides, 1989, 8, p1499

**Thiouridine****4-Thiouridine**[13957-31-8] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>S 260.27

NT06186

100mg	\$75.00
250mg	\$125.00
500mg	\$195.00



Refs: Sung WL, et.al, Chem. Comm, 1982, p522

**Thrombin**

[9002-04-4]

NT32354

Price On Application

**Thymidine-5'-diphosphate-6-deoxy-D-allose**

NT29841

5mg	\$1300.00
10mg	\$2350.00
25mg	\$5500.00

**α-Thio-UTP**see *Uridine 5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution, NU58208 on page 381***1-(β-L-Threonyl)cytosine**

NT137587

Price On Application

**Thymidine-5'-diphosphate-2-deoxy-D-glucose disodium salt**C<sub>16</sub>H<sub>24</sub>N<sub>2</sub>O<sub>15</sub>P<sub>2</sub>Na<sub>2</sub> 592.29

NT29842

1mg	\$210.00
2mg	\$315.00
5mg	\$590.00

**1-(β-L-Threonyl)-5-methyluracil**

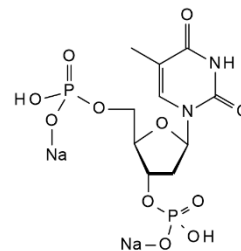
NT137585

Price On Application

**Thymidine-3',5'-diphosphate disodium salt**[386229-77-2][108322-12-9] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>11</sub>P<sub>2</sub> 446.15

NT07359

1mg	\$500.00
2mg	\$900.00
5mg	\$1900.00



Refs: Folkman W, et.al, Chem. Res. Toxicol, 1990, 3, p536

**1-(β-L-Threonyl)uracil**

NT137586

Price On Application



## Thymidine-5'-diphosphate-D-fucosamine

NT29843	5mg	\$1300.00
	10mg	\$2350.00
	25mg	\$5500.00



## Thymidine-5'-diphosphate-b-L-fucose

• TDP-Fucose

Price On Application

NT04379



## Thymidine-5'-diphosphate-a-D-glucose disodium salt

• dTDP-a-glc-Na2

[148296-43-9] C<sub>16</sub>H<sub>24</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>16</sub>P<sub>2</sub> 608.29

NT46685	5mg	\$250.00
	10mg	\$450.00
	25mg	\$750.00



## Thymidine-5'-diphosphate-4-keto-6-deoxy-D-glucose disodium salt

[16752-71-9] C<sub>16</sub>H<sub>22</sub>N<sub>2</sub>O<sub>15</sub>P<sub>2</sub>Na<sub>2</sub> 590.28

NT29846	1mg	\$79.00
	2mg	\$124.00
	5mg	\$240.00



## Thymidine-5'-diphosphate-L-rhamnose disodium salt

• dTDP-L-rhamnose

[2147-59-3][16268-29-4] C<sub>16</sub>H<sub>24</sub>N<sub>2</sub>O<sub>15</sub>P<sub>2</sub>Na<sub>2</sub> 592.29

NT29845	250ug	\$50.00
	500ug	\$80.00
	1mg	\$131.00

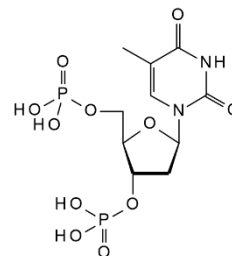


## Thymidine-3',5'-diphosphate sodium salt

• 2'-Deoxythymidine-3',5'-bisphosphate

[2863-04-9] C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>11</sub>P<sub>2</sub>·xNa 402.19 (free acid basis)

NT09781	500ug	\$175.00
	1mg	\$275.00
	2mg	\$500.00



Refs: Hinton et.al., *Biochemistry*, 17, 5091 - 5097 (1978); Cuatrecasas et.al., *J. Biol. Chem.*, 242, 3063 - 3067 (1967).

## Thymidine-5'-diphosphate trisodium salt

[95648-78-5] C<sub>10</sub>H<sub>13</sub>N<sub>2</sub>Na<sub>3</sub>O<sub>11</sub>P<sub>2</sub> 468.13

NT13491	25mg	\$73.50
	50mg	\$115.50
	100mg	\$210.00



## Thymidine-5'-diphosphate-D-viosamine disodium salt

[244226-72-0] C<sub>16</sub>H<sub>25</sub>N<sub>3</sub>O<sub>14</sub>P<sub>2</sub>Na<sub>2</sub> 591.31

NT29844	5mg	\$1300.00
	10mg	\$2075.00
	25mg	\$4375.00



**Thymidinemon****Thymidine-5'-monophosphate disodium salt**[33430-62-5] C<sub>10</sub>H<sub>13</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>8</sub>P 366.17

NT02975

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

**L-Thymidine-5'-monophosphate sodium salt**

NT16126

25mg	\$262.50
50mg	\$420.00
100mg	\$630.00

**Thymidine 3'-monophosphate sodium salt**

[108320-91-8]

NT156795

50mg	\$550.00
100mg	\$850.00
250mg	\$1625.00

**Thymidine-5'-monophosphate**

• 5'-Thymidylic acid

[365-07-1] C<sub>10</sub>H<sub>13</sub>N<sub>2</sub>O<sub>8</sub>P 322.21

NT32262

Price On Application

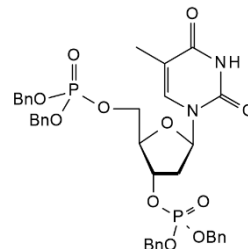
**Thymidine-3',5'-tetrabenzylidiphosphate**

• Tetrabenzyl-D-thymidine-3',5'-diphosphate

C<sub>38</sub>H<sub>40</sub>N<sub>2</sub>O<sub>11</sub>P<sub>2</sub> 762.68

NT07361

5mg	\$110.30
10mg	\$183.80
25mg	\$420.00



Refs: Folkman W, et al, Chem. Res. Toxicol, 1990, 3, p536

**Thymidine-5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution**

• α-Thio-TTP

C<sub>10</sub>H<sub>17</sub>N<sub>2</sub>O<sub>13</sub>P<sub>3</sub>S·xLi 498.23 (free acid basis)

NT32067

Price On Application

**Thymidine 5'-triphosphate lithium salt - 100mM aqueous solution**

• dTTP.Li

[3624-46-2] C<sub>10</sub>H<sub>17</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub>·xLi 482.17 (free acid basis)

ND46293

20mg	\$70.00
40mg	\$120.00

**L-Thymidine-5'-triphosphate sodium salt**

NT16143

5mg	\$393.80
10mg	\$630.00
25mg	\$1312.50



T

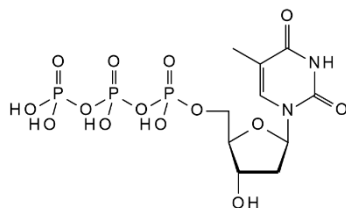


## Thymidine

## Thymidine-5'-triphosphate sodium salt - 100mM aqueous solution

• dTTP.Na

[3624-46-2][365-08-2]	C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·xNa	482.17 (free acid basis)	
		20mg	\$70.00
NT10135		40mg	\$120.00
		90mg	\$225.00

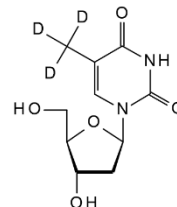


## D3-Thymidine

[74848-84-3] C<sub>10</sub>H<sub>11</sub>N<sub>2</sub>O<sub>5</sub>D<sub>3</sub> 245.25

NT08812

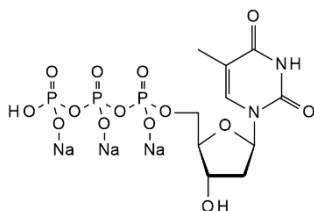
1mg	\$75.00
2mg	\$125.00
5mg	\$235.00



## Thymidine-5'-triphosphate trisodium salt

• TTP

[18423-43-3]	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·3Na	548.12	
		50mg	\$85.00
NT05748		100mg	\$150.00
		250mg	\$275.00



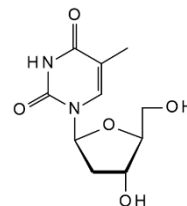
## L-Thymidine

- 1-(2-deoxy-b-L-erythro-pentofuranosyl)thymine
- 2'-Deoxy-L-thymidine
- Telbivudine

[3424-98-4] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 242.23

NT02679

1g	\$40.00
2g	\$75.00
5g	\$165.00

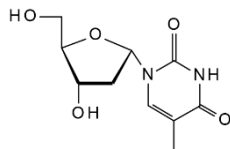


Refs: Bryant ML, Bridges EG, Placidi L, Faraj A, Loi A-G, Pierra C, Dukhan D, Gosselin G, Imbach J-L, Hernandez B, Antimicrob. Agents Chemother. 2001, Vol45, Pt1, p229-235; Yamaguchi T, Saneyoshi M, Shudo K, Nucleic Acids Symp. Series 1993, Vol29, p135

## a-Thymidine

- 1-(2-Deoxy-a-D-ribofuranosyl)-5-methyluracil

[4449-43-8]	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>	242.23	
		100mg	\$84.00
NT00283		250mg	\$132.50
		500mg	\$210.00



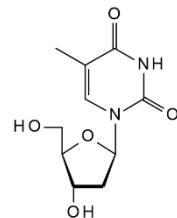
## Thymidine

- 1-(2-Deoxy-b-D-ribofuranosyl)-5-methyluracil
- 2'-Deoxy-D-thymidine
- b-Thymidine

[50-89-5] C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub> 242.23

NT02592

25g	\$45.00
50g	\$75.00
100g	\$120.00



Refs: Tollin, et al, Nature 1968, 217, p1148

## b-Thymidine

see *Thymidine*, NT02592 on page 365

**Thymidine****Thymidine-a,a,a,6-D4**[347841-67-2] C<sub>10</sub>H<sub>10</sub>N<sub>2</sub>O<sub>5</sub>D<sub>4</sub> 246.25

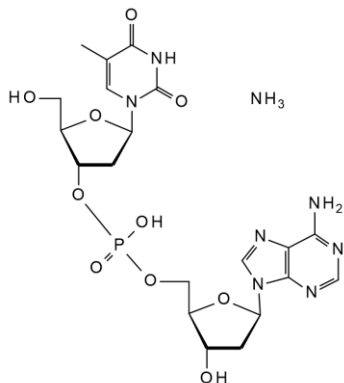
NT29046

5mg	\$393.80
10mg	\$619.50
20mg	\$1081.60

**5'-Thymidylic acid**see *Thymidine-5'-monophosphate*, NT32262 on page 364**Thymidylyl-(3'-5')-2'-deoxyadenosine ammonium salt**[61845-39-4] C<sub>20</sub>H<sub>26</sub>N<sub>7</sub>O<sub>10</sub>P·NH<sub>3</sub> 572.47

NT08058

1mg	\$95.00
2mg	\$170.00
5mg	\$325.00

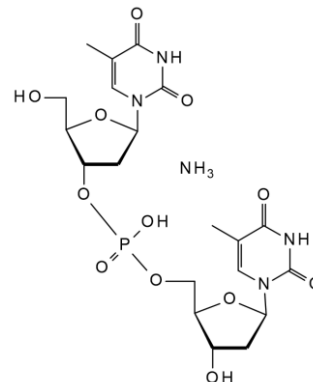
**Thymidylyl-3'-5'-thymidine ammonium salt**

• TpT

[1969-54-6] C<sub>20</sub>H<sub>27</sub>N<sub>4</sub>O<sub>12</sub>P·NH<sub>3</sub> 563.45

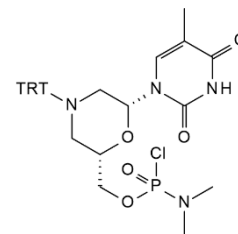
NT07991

1mg	\$95.00
2mg	\$170.00
5mg	\$350.00

**Thymine 1-b-D-arabinofuranoside**see *1-(b-D-Arabinofuranosyl)thymine*, NA08059 on page 74**[(2S,6R)-6-(Thymin-1-yl)-4-tritylmorpholin-2-yl]methyl dimethylphosphoramidochloridate**[956139-30-3] C<sub>31</sub>H<sub>34</sub>ClN<sub>4</sub>O<sub>5</sub>P 609.05

NT58203

Price On Application

**3',5'-O-TIPPS-N4-acetylcytidine**see *N4-Acetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)cytidine*, NA09329 on page 20**3',5'-TIPPS-D-adenosine**see *3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)adenosine*, NT08580 on page 355

**3',5'-O-TIPPS-N6-benzoyladosine**

see *N6-Benzoyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)adenosine*, NB09330 on page 113

**3',5'-TIPPS-2,6-diaminopurine riboside**

see *2,6-Diamino-9-[3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)-b-D-ribofuranosyl]purine*, ND08565 on page 232

**3',5'-O-TIPPS-guanosine**

see *3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)guanosine*, NT08583 on page 355

**3',5'-O-TIPPS-N2-isobutyrylguanosine**

see *N2-Isobutyryl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)guanosine*, NI09331 on page 297

**3',5'-TIPPS-uridine**

see *3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)uridine*, NT08582 on page 356

**3',5'-TIPS-cytidine**

see *3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)cytidine*, NT08581 on page 355

**TNP-ADP**

see *2'/3'-O-Trinitrophenyl-adenosine-5'-diphosphate triethylammonium salt*, NT29596 on page 377

**TNP-AMP**

see *2',3'-O-Trinitrophenyl-adenosine-5'-monophosphate triethylammonium salt*, NT29595 on page 377

**5'-O-(p-Toluenesulfonyl)adenosine**

see *5'-Tosyladenosine*, NT07155 on page 368

**m-Topolin riboside-5'-monophosphate salt**

- 6-(3-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate
- N6-(3-Hydroxybenzyl)adenosine-5'-monophosphate

[946853-27-6] C<sub>17</sub>H<sub>18</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>8</sub>P·H<sub>2</sub>O 515.32 5mg \$1750.00  
NT30285

**o-Topolin riboside-5'-monophosphate sodium salt**

- 6-(2-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate
- N6-(2-Hydroxybenzyl)adenosine-5'-monophosphate

[1242061-01-3] C<sub>17</sub>H<sub>18</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>8</sub>P·H<sub>2</sub>O 515.32 5mg \$1750.00  
NT30289

**p-Topolin riboside-5'-monophosphate sodium salt**

- 6-(4-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine-5'-monophosphate disodium monohydrate
- N6-(4-Hydroxybenzyl)adenosine-5'-monophosphate

C<sub>17</sub>H<sub>18</sub>N<sub>5</sub>Na<sub>2</sub>O<sub>8</sub>P·H<sub>2</sub>O 515.32 5mg \$1750.00  
NT30293

**m-Topolin riboside**

- N6-(3-Hydroxybenzyl)adenosine
- 6-(3-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine

[110505-76-5] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 373.36 100mg \$190.00  
250mg \$300.00  
500mg \$450.00  
NT30283

**o-Topolin riboside**

- N6-(2-hydroxybenzyl)adenosine
- 6-(2-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine

[50868-58-1] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 373.36 100mg \$250.00  
250mg \$375.00  
500mg \$625.00  
NT30288



**Topolinribos****p-Topolin riboside**

- N6-(4-Hydroxybenzyl)adenosine
- 6-(4-Hydroxybenzylamino)-9-b-D-ribofuranosylpurine

[110505-75-4][23666-24-2] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 373.36

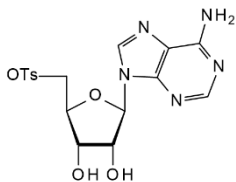
NT30291	25mg	\$73.50
	50mg	\$126.00
	100mg	\$210.00

**5'-Tosyladenosine**

- 5'-O-(p-Toluenesulfonyl)adenosine

[5135-30-8] C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub>S 421.43

NT07155	5g	\$60.00
	10g	\$100.00
	25g	\$200.00

**5'-Tosyl-2'-deoxy adenosine**

[6698-29-9]

NT139052

Price On Application

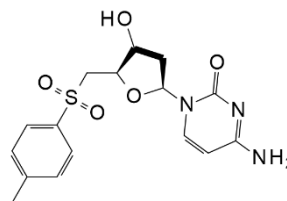
**5'-Tosyl-2'-deoxy cytidine**

- 5'-(4-Methylbenzenesulfonate)

[27999-55-9] C<sub>16</sub>H<sub>18</sub>N<sub>3</sub>O<sub>5</sub>S 365.41

NT16566

Price On Application



Refs: Krug, F, et al, J. Biol. Chem, 248, 1203

**5'-O-Tosyl-2',3'-O-isopropylideneadenosine**

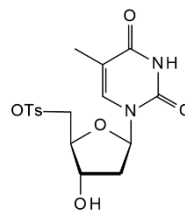
NT15541

1g	\$294.00
2g	\$546.00
5g	\$1260.00

**5'-O-Tosylthymidine**[7253-19-2] C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub>S 396.42

NT10016

100mg	\$132.00
250mg	\$262.50
500mg	\$420.00



T

**Toyocamycin**

- 4-Amino-5-cyano-7-(b-D-ribofuranosyl)pyrrolo[2,3-d]pyrimidine
- Vengicide
- 7-Deaza-7-cyanoadenosine

[606-58-6] C<sub>12</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>·H<sub>2</sub>O 309.28

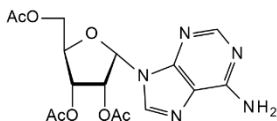
NT44985	5mg	\$60.00
	10mg	\$95.00
	25mg	\$175.00

**TrpT**see *Thymidyl-3'-5'-thymidine ammonium salt, NT07991 on page 366***2,3,5-Tri-O-acetyl a-adenosine**

- 9-(2,3,5-Tri-O-acetyl-a-D-ribofuranosyl)-9H-purin-6-amine

[953089-09-3] C<sub>16</sub>H<sub>19</sub>N<sub>5</sub>O<sub>7</sub> 393.35

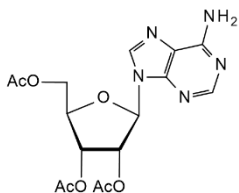
NT28569	2mg	\$174.90
	5mg	\$318.00
	10mg	\$578.20



Refs: Ciuffreda, P. et al, Mag, Reson. Chem, 45, 781 (2007); Long, X. et al, J. Pharmacol. Exper. Ther, 335, 781 (2010); Ham, M. et al, J. Pharmacol. Exper. Ther, 335, 607 (2010)

**2',3',5'-Tri-O-acetyladenosine**[7387-57-7] C<sub>16</sub>H<sub>19</sub>N<sub>5</sub>O<sub>7</sub> 393.35

NT04548	250mg	\$60.00
	500mg	\$90.00
	1g	\$150.00



Refs: Wilson CC, Tollin P, Howie RA, Cryst. Struct. Commun. 1986, C42, 697-700

**1-(2',3',5'-Tri-O-acetyl-b-D-arabinofuranosyl)uracil**

NT145609

1g	\$50.00
2g	\$90.00
5g	\$205.00

**2',3',5'-Triacetyl -azacytidine**[10302-78-0] C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>8</sub> 370.31

NT57363	10mg	\$70.00
	25mg	\$125.00
	50mg	\$185.00

**2',3',5'-Tri-O-acetyl-6-azauridine**

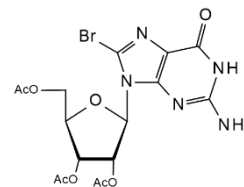
- (-)-6-Azauridine 2',3',5'-triacetate

[2169-64-4] C<sub>14</sub>H<sub>17</sub>N<sub>5</sub>O<sub>9</sub> 371.3

NT32421	1g	\$90.00
---------	----	---------

**2',3',5'-Tri-O-acetyl-8-bromoguanosine**[15717-45-0] C<sub>16</sub>H<sub>18</sub>BrN<sub>5</sub>O<sub>8</sub> 488.25

NT05775	500mg	\$85.00
	1g	\$156.00
	2g	\$175.00



Refs: Homes RE, Robins RK, J. Am. Chem. Soc. 1964, 86, p1242

## Triacetylbro

**2',3',5'-Tri-O-acetyl-5-bromouridine**

• 5-Bromo-2',3',5'-tri-O-acetyluridine

[105659-32-3]

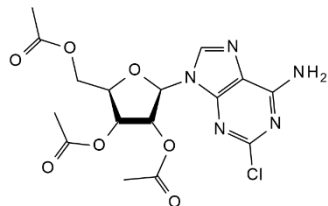
NT15543

1g	\$150.00
2g	\$250.00
5g	\$380.00

**2',3',5'-Tri-O-acetyl-2-chloroadenosine**• 6-Amino-2-chloro-9-(2',3',5'-tri-O-acetyl-β-D-ribofuranosyl)purine  
• 2-Chloro-adenosine 2',3',5'-triacetate[79999-39-6] C<sub>16</sub>H<sub>18</sub>ClN<sub>5</sub>O<sub>7</sub> 427.8

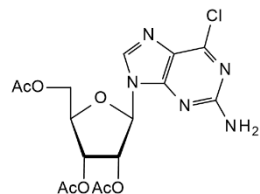
NT20146

500mg	\$145.00
1g	\$210.00
2g	\$378.00

**2',3',5'-Tri-O-acetyl-6-chloro-6-deoxyguanosine**[16321-99-6] C<sub>16</sub>H<sub>18</sub>ClN<sub>5</sub>O<sub>7</sub> 427.8

NT04678

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

**2',3',5'-Tri-O-acetyl-6-chloroinosine**

see 9-(2',3',5'-Tri-O-acetyl-β-D-ribofuranosyl)-6-chloropurine, NT10156 on page 372

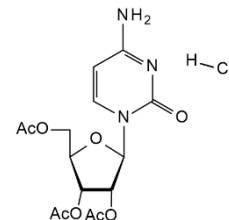
**2',3',5'-Tri-O-acetyl- 6-Chloro-9-(β-D-ribofuranosyl) purine**

see 9-(2',3',5'-Tri-O-acetyl-β-D-ribofuranosyl)-6-chloropurine, NT10156 on page 372

**2',3',5'-Tri-O-acetylcytidine HCl**[63639-21-4] C<sub>15</sub>H<sub>19</sub>N<sub>3</sub>O<sub>8</sub>·HCl 405.79

NT07958

50mg	\$89.50
100mg	\$168.00
250mg	\$315.00

**N2,3',5'-Tri-O-acetyl-2'-deoxy-05-diphenylcarbamoyl-a/b-guanosine**

NT145602

10mg	\$50.00
25mg	\$115.00
50mg	\$210.00

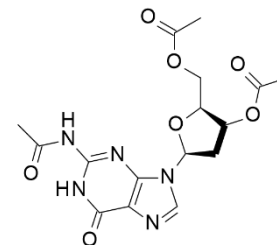
**3',5',N2-Tri-O-acetyl-2'-deoxyguanosine**

• N-Acetyl-2'-deoxy-guanosine 3',5'-diacetate

[193092-29-4] C<sub>16</sub>H<sub>19</sub>N<sub>5</sub>O<sub>7</sub> 393.35

NT16879

10mg	\$139.80
25mg	\$254.50
50mg	\$462.00



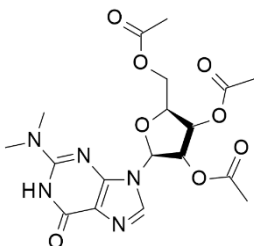
Refs: Mounetou, E, et al, J. Med. Chem, 40, 2902 (1997); Perrino, F, et al, Chem. Res. Toxicol, 18, 1451 (2005)

**2',3',5'-Tri-O-acetyl-2N,2N-dimethylguanosine**

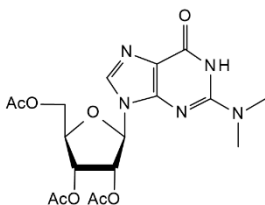
• N,N-Dimethyl-guanosine 2',3',5'-triacetate

[73196-87-9] C<sub>18</sub>H<sub>23</sub>N<sub>5</sub>O<sub>8</sub> 437.4

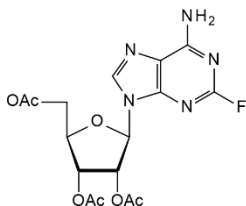
NT16567	25mg	\$110.00
	50mg	\$175.00
	100mg	\$295.00

**2',3',5'-Tri-O-acetyl-N2-dimethylguanosine**[73196-87-9] C<sub>18</sub>H<sub>23</sub>N<sub>5</sub>O<sub>8</sub> 437.4

NT07343	10mg	\$89.30
	25mg	\$157.50
	50mg	\$262.50

**2',3',5'-Tri-O-acetyl-2-fluoroadenosine**[15811-32-2] C<sub>16</sub>H<sub>18</sub>FN<sub>5</sub>O<sub>7</sub> 411.34

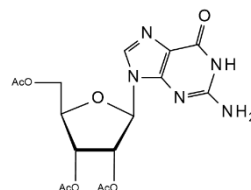
NT09632	1g	\$95.00
	2g	\$170.00
	5g	\$325.00

**2',3',5'-Tri-O-acetylguanosine**

• Guanosine Triacetate

[6979-94-8] C<sub>16</sub>H<sub>19</sub>N<sub>5</sub>O<sub>8</sub> 409.35

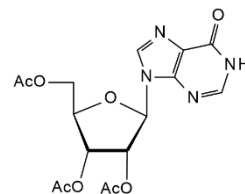
NT06136	5g	\$31.50
	10g	\$52.50
	25g	\$100.00



Refs: Niles JC, Wishnok JS, Tannenbaum SR, J. Am. Chem. Soc. 2001, Vol123, Pt49, p12147-12151

**2',3',5'-Tri-O-acetylinosine**[3181-38-2] C<sub>16</sub>H<sub>18</sub>N<sub>4</sub>O<sub>8</sub> 394.34

NT06708	1g	\$36.80
	2g	\$57.80
	5g	\$89.30



Refs: Veliz EA, Beal PA, Tetrahedron Lett. 2000, Vol41, Pt11, p1695-1698

**2',3',5'-Tri-O-acetyl-5-iodouridine**

NT15542

Price On Application



## Triacetylislo

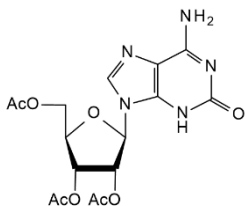
**2',3',5'-Tri-O-acetylisoguanosine**

• Isoguanosine triacetate

C<sub>16</sub>H<sub>19</sub>N<sub>5</sub>O<sub>8</sub> 409.35

NT07233

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

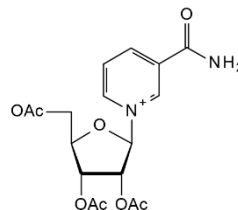
**1-(2,3,5-Tri-O-acetyl-b-D-ribofuranosyl)nicotinamide**

• Nicotinamide 2,3,5-tri-O-acetyl-b-D-ribofuranose

C<sub>17</sub>H<sub>21</sub>N<sub>2</sub>O<sub>8</sub> 381.36

NT08585

Price On Application

**2',3',5'-Tri-O-acetyl-6-mercaptoguanosine**

see 2-Amino-6-mercapto-9-(2',3',5'-tri-O-acetyl-b-ribofuranosyl)purine, NA06751 on page 57

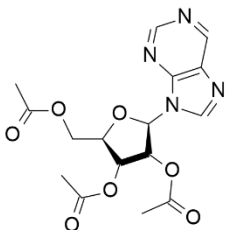
**2',3',5'-Tri-O-acetylnebularine**

- 9-b-D-Ribofuranosylpurine triacetate
- 9-(2,3,5-Tri-O-acetyl-b-D-ribofuranosyl)purine
- 2',3',5'-Tri-O-acetylnebularine

[15981-63-29] C<sub>18</sub>H<sub>18</sub>N<sub>4</sub>O<sub>7</sub> 378.34

NT16568

100mg	\$112.00
250mg	\$202.50
500mg	\$370.00

**9-(2,3,5-Tri-O-acetyl-a-D-ribofuranosyl)-9H-purin-6-amine**

see 2,3,5-Tri-O-acetyl a-adenosine, NT28569 on page 369

**9-(2,3,5-Tri-O-acetyl-b-D-ribofuranosyl)purine**

see 2',3',5'-Tri-O-acetylnebularine, NT16568 on page 372

**2',3',5'-Tri-O-acetyl-N1-tritylinosine**

NT145606

500mg	\$50.00
1g	\$90.00
2g	\$166.00

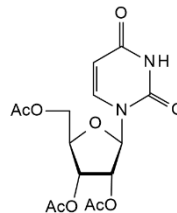
**2',3',5'-Tri-O-acetyluridine**

• Uridine 2',3',5'-triacetate

[4105-38-8] C<sub>15</sub>H<sub>18</sub>N<sub>2</sub>O<sub>9</sub> 370.31

NT06907

50g	\$55.00
100g	\$90.00
250g	\$180.00

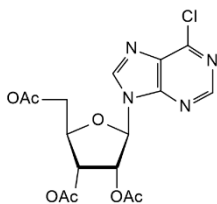
**9-(2',3',5'-Tri-O-acetyl-b-D-ribofuranosyl)-6-chloropurine**

- 2',3',5'-Tri-O-acetyl-6-chloroinosine
- 2',3',5'-Tri-O-acetyl-6-Chloro-9-(beta-D-ribofuranosyl) purine

[5987-73-5] C<sub>16</sub>H<sub>17</sub>ClN<sub>4</sub>O<sub>7</sub> 412.78

NT10156

1g	\$50.00
2g	\$80.00
5g	\$100.00





**1,2,3-Triazole-4-carboxamide, 5-b-D-ribofuranosyl-5'-triphosphate-nucleoside triethyl ammonium salt**C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>14</sub>P<sub>3</sub> 481.12

Price On Application

NT29258

**[1,2,4]Triazolo[1,5-a]pyrimidine-2-carboxylic acid**[202065-25-6] C<sub>6</sub>H<sub>4</sub>N<sub>4</sub>O<sub>2</sub> 164.12

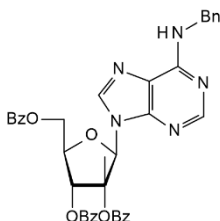
NT57365

100mg	\$126.00
250mg	\$230.00
500mg	\$320.00

**2',3',5'-Tri-O-benzoyl-N6-benzyl-2'-C-methyladenosine**[74829-55-3] C<sub>39</sub>H<sub>33</sub>N<sub>5</sub>O<sub>7</sub> 683.71

NT45806

10mg	\$95.00
25mg	\$200.00
50mg	\$350.00

**2',3',5'-Tri-O-benzoyl-3-deazauridine**

• 4-Hydroxy-1-(2,3,5-tri-O-benzoyl-b-D-ribofuranosyl)-2(1H)-pyridinone

[23220-74-8] C<sub>31</sub>H<sub>25</sub>NO<sub>9</sub> 555.53

NT58307

100mg	\$150.00
250mg	\$300.00
500mg	\$450.00

**2',3',5'-Tri-O-benzoyl-4'-C-fluoroadenosine**

[1000203-40-6]

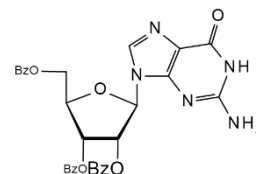
NT76128

Price On Application

**2',3',5'-Tri-O-benzoylguanosine**[66048-53-1] C<sub>31</sub>H<sub>25</sub>N<sub>5</sub>O<sub>8</sub> 595.56

NT05368

100mg	\$90.00
250mg	\$157.50
500mg	\$265.00

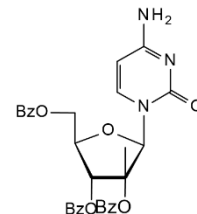
**2',3',5'-Tri-O-benzoyl-2'-C-methylcytidine**

• 1-(2,3,5-Tri-O-benzoyl-2-C-methyl-b-D-ribofuranosyl)cytosine

[640725-69-5] C<sub>31</sub>H<sub>27</sub>N<sub>5</sub>O<sub>8</sub> 569.56

NT06137

5mg	\$65.00
10mg	\$97.50
25mg	\$162.50

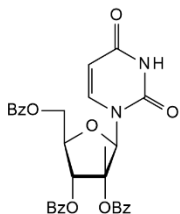
**1-(2,3,5-Tri-O-benzoyl-2-C-methyl-b-D-ribofuranosyl)cytosine**

see 2',3',5'-Tri-O-benzoyl-2'-C-methylcytidine, NT06137 on page 373

**Tribenzoylme****2',3',5'-Tri-O-benzoyl-2'-C-methyluridine**[23643-36-9] C<sub>31</sub>H<sub>26</sub>N<sub>2</sub>O<sub>9</sub> 570.55

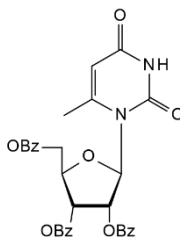
NT07136

Price On Application

**2',3',5'-Tri-O-benzoyl-6-methyluridine**C<sub>31</sub>H<sub>26</sub>N<sub>2</sub>O<sub>9</sub> 570.55

NT08584

Price On Application

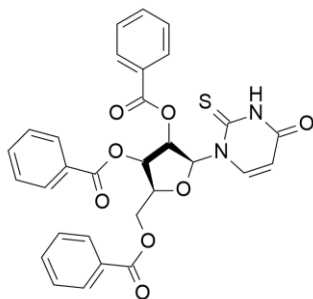
**2',3',5'-Tri-O-benzoyl-2-thiouridine**

- 2-Thio-uridine 2',3',5'-tribenzoate
- 2-Thiouridine 2',3',5'-tribenzoate

[21052-18-6] C<sub>30</sub>H<sub>24</sub>N<sub>2</sub>O<sub>8</sub>S 572.59

NT16569

50mg	\$95.00
100mg	\$125.00
250mg	\$310.00

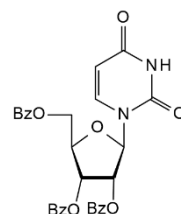


Refs: El-Tayeb, A, et al, J. Med. Chem, 49, 7076 (2006)

**2',3',5'-Tri-O-benzoyluridine**[1748-04-5] C<sub>30</sub>H<sub>24</sub>N<sub>2</sub>O<sub>9</sub> 556.52

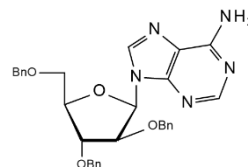
NT08060

250mg	\$40.00
500mg	\$75.00
1g	\$118.00

**9-(2',3',5'-Tri-O-benzoyl-b-D-arabinofuranosyl)adenine**[3257-73-6] C<sub>31</sub>H<sub>31</sub>N<sub>5</sub>O<sub>4</sub> 537.61

NT05401

5g	\$89.30
10g	\$168.00
25g	\$315.00

**2,4,6-Tribromopyrimidine**[36847-11-7] C<sub>4</sub>HBr<sub>3</sub>N<sub>2</sub> 316.78

NT57417

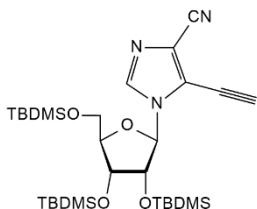
1g	\$83.60
2g	\$133.70
5g	\$362.50



**1-(2',3',5'-Tri-O-tert-butylidimethylsilyl-b-D-ribofuranosyl)-5-ethynylimidazo-4-carbonitrile**C<sub>29</sub>H<sub>53</sub>N<sub>3</sub>O<sub>4</sub>Si<sub>3</sub> 592.01

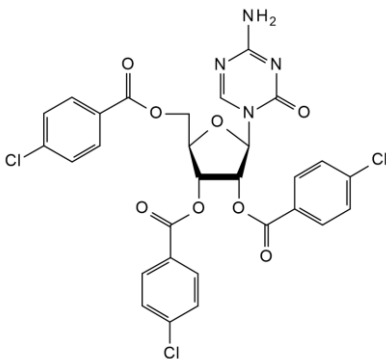
NT09943

1mg	\$84.00
2mg	\$126.00
5mg	\$210.00

**2',3',5'-Tri-O-(p-chlorobenzoyl)-5-azacytidine**C<sub>29</sub>H<sub>21</sub>Cl<sub>3</sub>N<sub>4</sub>O<sub>8</sub> 659.86

NT07351

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

**2,4,6-Trichloro-5-methylpyrimidine**[1780-36-5] C<sub>5</sub>H<sub>3</sub>Cl<sub>3</sub>N<sub>2</sub> 197.45

NT67801

5g	\$75.00
10g	\$145.00
25g	\$350.00

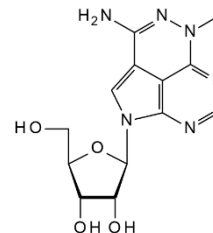
**Triciribine Phosphate**see *Tricyclic nucleoside phosphate*, NT44794 on page 375**Triciribine**

- 6-Amino-4-methyl-8-(b-D-ribofuranosyl)4H,8H-pyrrolo[4,3,2-de]pyrimido[4,5-c] pyridazine
- Tricyclic Nucleoside

[35943-35-2] C<sub>13</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub> 320.3

NT08796

1mg	\$50.00
2mg	\$90.00
5mg	\$145.00

**Tricyclic nucleoside phosphate**

- Triciribine Phosphate
- 6-Amino-4-methyl-8-(b-D-ribofuranosyl)-4H,8H-pyrrolo[4,3,2-de]pyrimido[4,5-c]pyridazine 5'-monophosphate

[61966-08-3] C<sub>13</sub>H<sub>17</sub>N<sub>6</sub>O<sub>7</sub>P 400.28

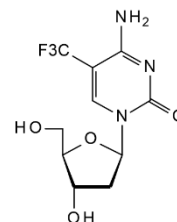
NT44794

5mg	\$250.00
10mg	\$395.00

**Tricyclic Nucleoside**see *Triciribine*, NT08796 on page 375**Trifluoridine**see *Trifluorothymidine*, NT04884 on page 376**5-(Trifluoromethyl)-2'-deoxycytidine**[66384-66-5] C<sub>10</sub>H<sub>12</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub> 295.22

NT11494

Price On Application



**Trifluoromet****6-(Trifluoromethyl)uracil**

• 6-(Trifluoromethyl)-2,4-pyrimidinediol

[672-45-7] C<sub>5</sub>H<sub>3</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub> 180.08

ND57450

250mg	\$85.00
500mg	\$135.00
1g	\$213.90

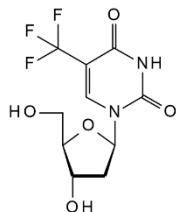
**a,a,a-Trifluorothymidine**see *Trifluorothymidine*, NT04884 on page 376**Trifluorothymidine**

- Trifluoridine
- Trifluorothymine deoxyriboside
- a,a,a-Trifluorothymidine

[70-00-8] C<sub>10</sub>H<sub>11</sub>F<sub>3</sub>N<sub>2</sub>O<sub>5</sub> 296.2

NT04884

500mg	\$50.00
1g	\$90.00
2g	\$160.00



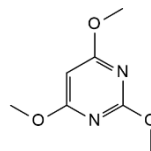
Refs: Wellings PC, Awdry PN, Bors FH, Jones BR, Brown DC, Kaufman HE, Am. J. Ophthalmol. 1972, Jun, 73(6), 932-42

**Trifluorothymine deoxyriboside**see *Trifluorothymidine*, NT04884 on page 376**Trifluridine Related Compound A**see *5-Carboxy-2'-deoxyuridine*, NC58344 on page 137**Trilithium coenzyme A**see *Coenzyme A trilithium salt*, NC20534 on page 155**2,4,6-Trimethoxy-pyrimidine**

[13106-85-9]

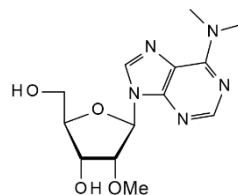
NT44266

Price On Application

**N6,N6,2'-O-Trimethyladenosine**

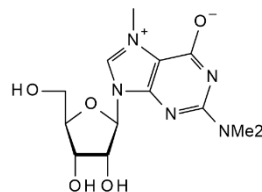
NT59826

500mg	\$2750.00
1g	\$3890.00
2g	\$6500.00

**N2,N2,7-Trimethylguanosine**[40027-70-1] C<sub>13</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub> 325.32

NT08918

1.5mg	\$285.00
3mg	\$525.00
8mg	\$1340.00



Refs: Bahia et.al, Nucleosides, Nucleotides &amp; Nucleic Acids 2006, 25, p909

**5-(2-(Trimethylsilyl)-1-ethynyl)-1-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)imidazo-4-carbonitrile**

NT11707

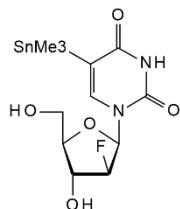
1mg	\$84.00
2mg	\$126.00
5mg	\$210.00



**5-Trimethylstannyl-1-(2-deoxy-2-fluoro-b-D-arabinofuranosyl)uracil**[213136-14-2] C<sub>12</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>5</sub>S 408.98

NT08919

5mg	\$682.50
10mg	\$1050.00
25mg	\$1969.00



Refs: Vaidyanathan G, et.al, Nucl. Med. Biol, 1998, 25, p487

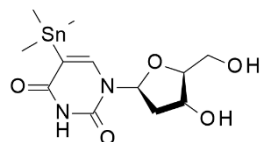
**5-(Trimethylstannyl)-2'-deoxyuridine**

• 2'-Deoxy-5-(trimethylstannyl)uridine

[146629-34-7] C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>5</sub>Sn 391.01

NT16878

10mg	\$139.80
25mg	\$254.50
50mg	\$462.00



Refs: Bohman, C, et al, J. Biol. Chem, 269, 8036 (1994)

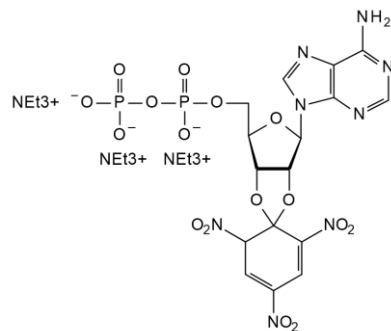
**2'/3'-O-Trinitrophenyl-adenosine-5'-diphosphate triethylammonium salt**

• TNP-ADP

[77450-67-0 (monoanion)][84430-17-1 (monosodium salt)]

C<sub>16</sub>H<sub>18</sub>N<sub>8</sub>O<sub>16</sub>P<sub>2</sub> 638.29  
Price On Application

NT29596

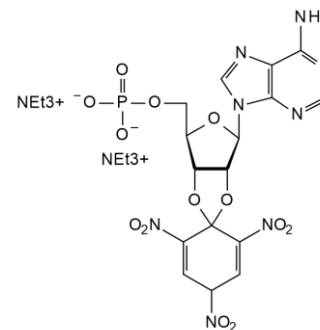
**2',3'-O-Trinitrophenyl-adenosine-5'-monophosphate triethylammonium salt**

• TNP-AMP

[807261-75-2 (free acid)] C<sub>16</sub>H<sub>15</sub>N<sub>8</sub>O<sub>13</sub>P 558.31

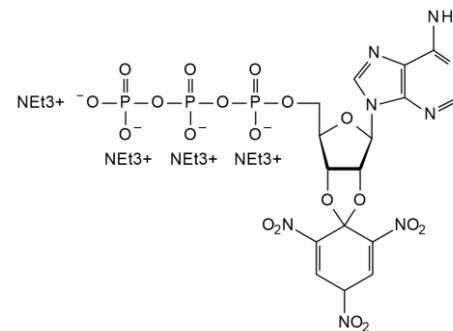
NT29595

1mg	\$250.00
2mg	\$400.00
5mg	\$625.00

**2'/3'-O-Trinitrophenyl-adenosine-5'-triphosphate triethylammonium salt - 10mM aqueous solution**[61368-63-6 (pentaanion)][120360-48-7] C<sub>16</sub>H<sub>17</sub>N<sub>8</sub>O<sub>19</sub>P<sub>3</sub> 718.27

NT29597

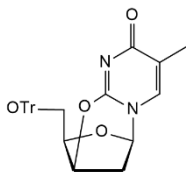
5mg	\$498.80
10mg	\$945.00
25mg	\$1837.50

**Triphosphopyridine nucleotide potassium salt**see *b-Nicotinamide adenine dinucleotide phosphate potassium salt hydrate, NN11481* on page 331**α-Triphosphopyridine nucleotide**see *α-Nicotinamide adenine dinucleotide phosphate, NN29116* on page 332

**Tritylanhydr****5'-O-Trityl-2,3'-anhydrothymidine**[25442-42-6] C<sub>29</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub> 466.53

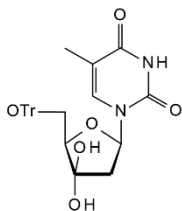
NT09993

500mg	\$95.00
1g	\$157.50
2g	\$262.50

**5'-O-Trityl-3'-b-hydroxythymidine**[55612-11-8] C<sub>29</sub>H<sub>28</sub>N<sub>2</sub>O<sub>6</sub> 500.54

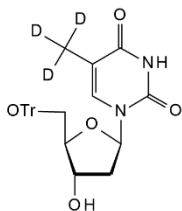
NT06346

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

**5'-O-Trityl-D3-thymidine**C<sub>29</sub>H<sub>25</sub>N<sub>2</sub>O<sub>5</sub>D<sub>3</sub> 487.56

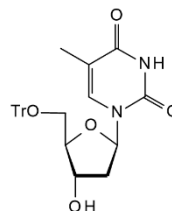
NT08920

Price On Application

**5'-O-Tritylthymidine**[7791-71-1] C<sub>29</sub>H<sub>28</sub>N<sub>2</sub>O<sub>5</sub> 484.54

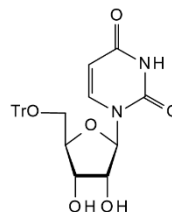
NT08062

500mg	\$145.00
1g	\$210.00
2g	\$392.70

**5'-O-Trityluridine**[6554-10-5] C<sub>28</sub>H<sub>26</sub>N<sub>2</sub>O<sub>6</sub> 486.52

NT06665

250mg	\$92.50
500mg	\$160.00
1g	\$273.00



Refs: Roussev CD, Ivanova GD, Bratovanova EK, Petkov DD, Angew. Chem. Int. Ed. Vol39, Pt4, p779-781

**Troxacitabine**

• 4-Amino-1-((2S,4S)-2-(hydroxymethyl)-1,3-dioxolan-4-yl)pyrimidin-2(1H)-one

[145918-75-8] C<sub>8</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub> 213.19

NT29825

10mg	\$2500.00
25mg	\$3375.00
50mg	\$4950.00

**5'-O-Trt-2'-deoxyuridine**

see 2'-Deoxy-5'-O-trityluridine, NT08746 on page 223

**TTP**

see Thymidine-5'-triphosphate trisodium salt, NT05748 on page 365

**Tubercidin**

see 7-Deazaadenosine, ND06290 on page 164

**UDP-N-azidoacetylglactosamine**

• UDP-GalNAz

C<sub>17</sub>H<sub>24</sub>N<sub>6</sub>O<sub>17</sub>P<sub>2</sub>·2Na 692.33

NU30954

1mg	\$2000.00
2mg	\$3000.00
5mg	\$5500.00

**UDP-N-azidoacetylglucosamine**

• UDP-GlcNAz

NU30953

Price On Application

**UDP-GalNAz**

see UDP-N-azidoacetylglactosamine, NU30954 on page 379

**UDP-GlcNAz**

see UDP-N-azidoacetylglucosamine, NU30953 on page 379

**UDP.2Na**

see Uridine 5'-diphosphate disodium salt, NU03399 on page 380

**UK 088800**

see 5-(2-Ethoxyphenyl)-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one, NE16544 on page 270

**UMP Disodium salt**

see Uridine 5'-monophosphate disodium salt, NU02983 on page 380

**3'-UMP Na2**

see Uridine 3'-monophosphate disodium salt, NU07383 on page 380

**5'-UMP Na2**

see Uridine 5'-monophosphate disodium salt, NU02983 on page 380

**UMP**

see Uridine 5'-monophosphate, NU05691 on page 381

**UpU**

see Zeatin riboside, NZ08027 on page 385

**Uracil 1-b-D-arabinofuranoside**

see 1-(b-D-Arabinofuranosyl)uracil, NA05962 on page 75

**Uracil arabinonucleoside 5'-phosphate**

see 1-b-D-Arabinofuranosyluracil 5'-monophosphate, NA16509 on page 75

**Uracil-1-b-D-ribofuranoside**

see Uridine, NU06309 on page 382

**Uracil Sodium salt**

[42563-71-3]

NU05635

Price On Application

**Uridine-6-carboxylic acid**

see Orotidine, NO08048 on page 338

**Uridine cyclic 2',3'-(hydrogen phosphate) monosodium salt**

see Uridine-2',3'-cyclic monophosphate sodium salt, NU16888 on page 380

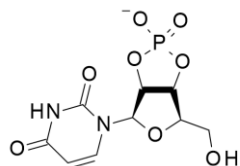
## Uridinecycli

## Uridine-2',3'-cyclic monophosphate sodium salt

• Uridine cyclic 2',3'-(hydrogen phosphate) monosodium salt

[15718-50-0] C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>NaO<sub>8</sub>P 328.15

NU16888	5mg	\$75.00
	10mg	\$120.00
	25mg	\$250.00

Na<sup>+</sup>

Refs: Tomasz, J, et al, Nucleic Acid Chem, 2, 875 (1978)

## Uridine-3',5'-cyclic monophosphate sodium salt

[56632-58-7] C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>8</sub>P·Na 328.2

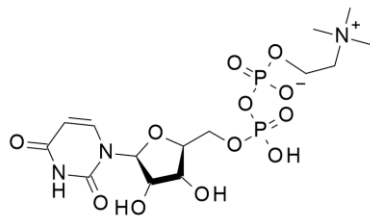
NU12797	10mg	\$150.00
	25mg	\$350.00
	50mg	\$650.00



## Uridine 5'-diphosphate choline ammonium salt

• Uridine 5'-(trihydrogen diphosphate) P<sup>-</sup>-[2-(trimethylammonio)ethyl] ester inner salt[99492-83-8] C<sub>14</sub>H<sub>28</sub>N<sub>4</sub>O<sub>12</sub>P<sub>2</sub> 506.34

NU16887	1mg	\$125.00
	2mg	\$190.00
	5mg	\$375.00



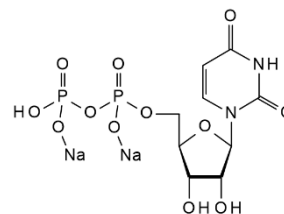
Refs: Kennedy, E.P, et al, J. Biol. Chem, 222, 185 (1956)

## Uridine 5'-diphosphate disodium salt

• UDP.2Na

[21931-53-3][27821-45-0] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>12</sub>P<sub>2</sub>Na<sub>2</sub> 448.12

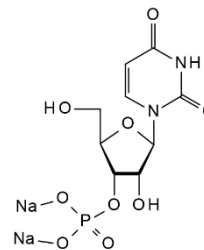
NU03399	1g	\$65.00
	2g	\$105.00
	5g	\$195.00



## Uridine 3'-monophosphate disodium salt

• Uridylic acid disodium salt  
• 3'-UMP Na<sub>2</sub>[35170-03-7] C<sub>9</sub>H<sub>11</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>9</sub>P 368.15

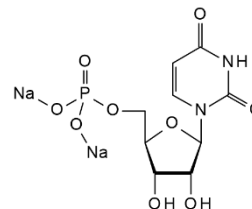
NU07383	50mg	\$68.50
	100mg	\$100.00
	250mg	\$157.50



## Uridine 5'-monophosphate disodium salt

• UMP Disodium salt  
• 5'-UMP Na<sub>2</sub>[3387-36-8] C<sub>9</sub>H<sub>11</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>9</sub>P 368.15

NU02983	50g	\$45.00
	100g	\$75.00
	250g	\$150.00





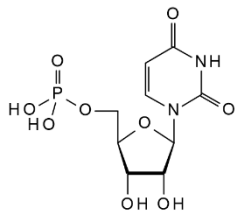
**Uridine 5'-monophosphate**

- UMP
- Uridylic acid

[58-97-9] C<sub>9</sub>H<sub>13</sub>N<sub>2</sub>O<sub>9</sub>P 324.18

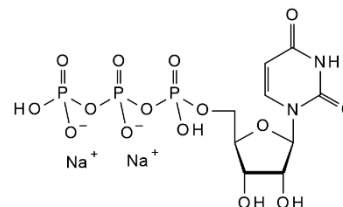
NU05691

250mg	\$60.00
500mg	\$90.00
1g	\$150.00

**Uridine 5'-triphosphate disodium salt**[285978-18-9] C<sub>9</sub>H<sub>13</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>·2Na 528.11

NU10275

5g	\$65.00
10g	\$115.00
25g	\$184.00

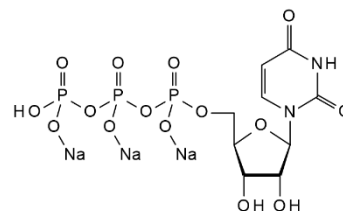
**Uridine 5'-triphosphate trisodium salt**

- UTP

[19817-92-6][285978-18-9] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>·3Na 550.09

NU03863

5g	\$65.00
10g	\$120.00
25g	\$175.00

**Uridine 5'-triphosphate**

- 5'-UTP

[63-39-8]

NU04388

Price On Application

**Uridine 5'-(pentahydrogen tetraphosphate), P<sup>5</sup>-ester 2'-deoxycytidine**see 2'-Deoxycytidine P<sup>5</sup>-5'-ester with uridine 5'-(pentahydrogen tetraphosphate) sodium salt, ND45968 on page 175**Uridine 5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution**

- a-Thio-UTP

[71214-29-4] C<sub>9</sub>H<sub>15</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub>S 500.21

NU58208

0.5ug	\$45.00
1ug	\$80.00
2ug	\$145.00

**Uridine 2',3',5'-triacetate**

see 2',3',5'-Tri-O-acetyluridine, NT06907 on page 372

**Uridine 5'-(trihydrogen diphosphate) P<sup>1</sup>-[2-(trimethylammonio)ethyl] ester inner salt**

see Uridine 5'-diphosphate choline ammonium salt, NU16887 on page 380

**Uridine 5'-triphosphate dihydrate trisodium salt**[116295-90-0] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub>Na<sub>3</sub> 550.09

NU35409

1g	\$75.00
2g	\$120.00
5g	\$175.00



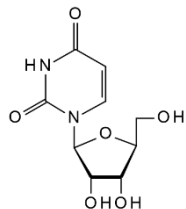
## Uridine

## L-Uridine

• 1-(b-L-ribofuranosyl)uracil

[26287-69-4] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 244.2

NU04051	5mg	\$63.00
	10mg	\$105.00
	25mg	\$189.00



Refs: Jurovcik M, Holý A, Nucleic Acids Res. 1976, Aug, 3(8), 2143–2154

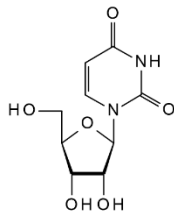


## Uridine

• Uracil-1-b-D-ribofuranoside

[58-96-8] C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub> 244.2

NU06309	100g	\$50.00
	250g	\$90.00
	500g	\$150.00



Refs: Loring HS, Ploeser JMT, J. Biol. Chem. 1949, p439



## Uridylic acid disodium salt

see Uridine 3'-monophosphate disodium salt, NU07383 on page 380

## Uridylic acid

see Uridine 5'-monophosphate, NU05691 on page 381

## Uridyl-3'-5'-adenosine ammonium salt

C<sub>19</sub>H<sub>27</sub>N<sub>6</sub>O<sub>12</sub>P 590.44

NU46047	1mg	\$475.00
	2mg	\$925.00
	5mg	\$1625.00



## Uridyl-3'-5'-cytidine ammonium salt

C<sub>18</sub>H<sub>27</sub>N<sub>6</sub>O<sub>13</sub>P 566.41

NU46048	1mg	\$475.00
	2mg	\$925.00
	5mg	\$1625.00



## Uridyl-3'-5'-guanosine ammonium salt

C<sub>19</sub>H<sub>24</sub>N<sub>7</sub>O<sub>13</sub>P 589.41

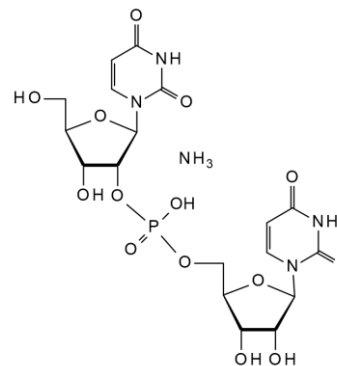
NU46049	1mg	\$475.00
	2mg	\$925.00
	5mg	\$1625.00



## Uridyl-2'-5'-uridine ammonium salt

[108321-54-6] C<sub>18</sub>H<sub>23</sub>N<sub>4</sub>O<sub>14</sub>P·NH<sub>3</sub> 567.41

NU07988	1mg	\$89.30
	2mg	\$168.00
	5mg	\$315.00



## 5'-UTP

see Uridine 5'-triphosphate, NU04388 on page 381

## UTP

see Uridine 5'-triphosphate trisodium salt, NU03863 on page 381

**[U-13C10, U-15N2]-Labelled thymidine**

NL32196

Price On Application

**U-13C10, U-[15N2]-Labelled Thymidylyl-3'-5'-thymidine ammonium**C<sub>20</sub>H<sub>30</sub>N<sub>5</sub>O<sub>12</sub>P 563.45

NL31906

2mg

\$3400.00

**506u**see *Nelarabine*, NN26176 on page 331**Valtorcitabine**see *2'-Deoxy-L-cytidine 3'-O-L-valinyl ester 2HCl*, ND10527 on page 176**Vengicide**see *Toyocamycin*, NT44985 on page 369**Vidarabine monophosphate**see *9-(b-D-Arabinofuranosyl)adenine 5'-monophosphate*, NA09216 on page 72**Vidarabine 5'-triphosphate sodium salt**see *9-(b-D-Arabinofuranosyl)adenine 5'-triphosphate triethyammonium salt*, NA15330 on page 72**Vidarabine**see *9-(b-D-Arabinofuranosyl)adenine*, NA06007 on page 72**Vidaza**see *5-Azacytidine*, NA02947 on page 76**Viramid**see *Ribavirin*, NR02712 on page 350**Virazole 5'-monophosphate**see *Ribavirin 5'-monophosphate diammonium salt*, NR46023 on page 349**WRC 0013**see *2-(2-Cyclohexylethoxy)adenosine*, NC16523 on page 157**WRC 0018**see *2-[2-(2-Naphthalenyl)ethoxy]adenosine*, NN16559 on page 330**Wybutosine**see *(S)-4,9-Dihydro-a-[(methoxycarbonyl)amino]-4,6-dimethyl-9-oxo-3-b-D-ribofuranosyl-3H-Imidazo[1,2-a]purine-7-butanolic acid methyl ester*, ND157877 on page 247**2269W**see *Abacavir carboxylate*, NA16897 on page 9**Xanthosine dihydrate**

• 9-b-D-Ribofuranosylxanthine

[5968-90-1] C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>6</sub>·2H<sub>2</sub>O 320.26

NX28984

2g	\$50.00
5g	\$95.00
10g	\$160.00

**Xanthosine-5'-monophosphate ammonium salt**

NX31145

Price On Application



**Xanthosinemo****Xanthosine 5'-monophosphate disodium salt**

• 5'-Xanthylic acid, disodium salt

[25899-70-1]	C <sub>10</sub> H <sub>11</sub> N <sub>4</sub> Na <sub>2</sub> O <sub>9</sub> P	408.17		
NX09700			25mg	\$65.00
			50mg	\$110.00
			100mg	\$195.00

**Xanthosine 5'-triphosphate disodium salt**[105931-36-0] C<sub>10</sub>H<sub>13</sub>N<sub>4</sub>O<sub>15</sub>P<sub>3</sub>·2Na 568.13

NX65210			1mg	\$110.00
			2mg	\$190.00
			5mg	\$390.00

**Xanthosine-5'-triphosphate triethylammonium salt - 100 mM aqueous solution**

• XTP

[6253-56-1]	C <sub>10</sub> H <sub>15</sub> N <sub>4</sub> O <sub>15</sub> P <sub>3</sub>	524.17 (free acid)		
NX143915			0.8mg	\$200.00
			4mg	\$600.00

**Xanthosine**

• 9-b-D-Ribofuranosylxanthine

[146-80-5]	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>8</sub>	284.23		
NX02884			2g	\$60.00
			5g	\$100.00
			10g	\$175.00

**5'-Xanthylic acid, disodium salt**see *Xanthosine 5'-monophosphate disodium salt, NX09700 on page 384***XTP**see *Xanthosine-5'-triphosphate triethylammonium salt - 100 mM aqueous solution, NX143915 on page 384***Zalcitabine triphosphate lithium salt**see *2',3'-Dideoxycytidine-5'-triphosphate lithium salt - 100mM aqueous solution, ND32066 on page 240***Zalcitabine triphosphate trisodium salt**see *2',3'-Dideoxycytidine-5'-triphosphate trisodium salt, ND10280 on page 240***Zalcitabine**see *2',3'-Dideoxycytidine, ND06559 on page 240***cis-Zeatin-o-glucoside riboside**

• 6-((Z)-4-b-D-glucopyranosyloxy-3-methylbut-2-enylamino)-9-b-D-ribofuranosylpurine

[125225-72-1]	C <sub>21</sub> H <sub>31</sub> N <sub>5</sub> O <sub>10</sub>	513.5		
NZ30353			1mg	\$450.00
			2mg	\$790.00
			5mg	\$1475.00

**trans-Zeatin-o-glucoside riboside**

• 6-((E)-4-b-D-glucopyranosyloxy-3-methylbut-2-enylamino)-9-b-D-ribofuranosylpurine

[62512-97-4]	C <sub>21</sub> H <sub>31</sub> N <sub>5</sub> O <sub>10</sub>	513.5		
NZ30326			1mg	\$500.00
			2mg	\$900.00
			5mg	\$2000.00

**Zeatin ribonucleotide**see *trans-Zeatin riboside-5'-monophosphate sodium salt, NZ30328 on page 385*

X

**trans-Zeatin riboside-5'-monophosphate sodium salt**

- 6-((E)-4-hydroxy-3-methylbut-2-enylamino)-9-b-D-ribofuranosyl-purine-5'-monophosphate disodium monohydrate
- Zeatin ribonucleotide

[25615-16-1] C<sub>15</sub>H<sub>20</sub>N<sub>5</sub>O<sub>8</sub>PNa<sub>2</sub>·H<sub>2</sub>O 493.32

NZ30328	1mg	\$480.00
	2mg	\$800.00
	5mg	\$1400.00

**trans-Zeatin riboside**

- 6-((E)-4-hydroxy-3-methylbut-2-enylamino)-9-b-D-ribofuranosylpurine

[6025-53-2] C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 351.36

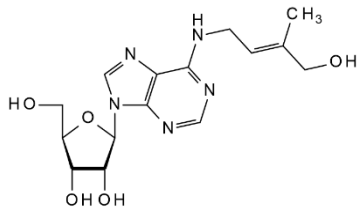
NZ30302	10mg	\$65.00
	25mg	\$95.00
	50mg	\$125.00

**Zeatin riboside**

- UpU
- N6-(4-Hydroxy-3-methylbut-2-enyl)adenosine

[28542-78-1] C<sub>15</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub> 351.36

NZ08027	2mg	\$42.00
	5mg	\$68.30
	10mg	\$99.80

**Zebularine**

see 4-Deoxyuridine, ND09503 on page 225

**Zidovudine Impurity 2**

see 3'-Azido-3'-deoxy-5'-O-tritylthymidine, NA10412 on page 88

**Zidovudine 5'-monophosphate sodium salt**

see 3'-Azido-3'-deoxythymidine 5'-monophosphate sodium salt, NA06326 on page 87

**Zidovudine Related Compound A**

see 2',3'-Didehydro-2',3'-dideoxythymidine, ND07118 on page 239

**Zidovudine 5'-triphosphate triethylammonium salt**

see 3'-Azido-3'-deoxythymidine 5'-triphosphate triethylammonium salt, NA15338 on page 88

**Zidovudine**

see 3'-Azido-3'-deoxythymidine, NA05636 on page 88

**6-(Trifluoromethyl)-2,4-pyrimidinediol**

see 6-(Trifluoromethyl)uracil, ND57450 on page 376

**3'-Azido-3'-deoxycytidine**[70580-87-9] C<sub>8</sub>H<sub>12</sub>N<sub>6</sub>O<sub>4</sub> 268.23

NA144615	1mg	\$112.50
	2mg	\$171.00
	5mg	\$337.50

**5'-O-DMT-N2-isobutyryl-2'-O-propargylguanosine**

[171486-53-6]

ND157230

Price On Application



Z

# 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>

### References:

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C <sub>8</sub> H <sub>8</sub> D <sub>2</sub> FN <sub>2</sub> <sup>15</sup> NO <sub>3</sub> S	Emtricitabine-d2, 15N	267
CaHBr <sub>3</sub> N <sub>2</sub>	2,4,6-Tribromopyrimidine	374
CaH <sub>2</sub> ClFN <sub>2</sub>	4-Chloro-5-fluoropyrimidine	146
CaH <sub>2</sub> ClFN <sub>2</sub> O	2-Chloro-4-hydroxy-5-fluoropyrimidine	146
C <sub>8</sub> H <sub>8</sub> N <sub>6</sub> OS	8-Aza-6-hydroxy-2-mercaptapurine	78
C <sub>8</sub> H <sub>8</sub> ClN <sub>3</sub>	4-Chloro-5-aminopyrimidine	140
CaH <sub>8</sub> N <sub>4</sub> Cl <sub>2</sub>	2,5-Diamino-4,6-dichloropyrimidine	231
CaH <sub>8</sub> N <sub>4</sub> O <sub>3</sub>	4-Amino-2,6-dihydroxy-5-nitrosopyrimidine	52
CaH <sub>8</sub> N <sub>4</sub> O	6-Azathymine	78
CaH <sub>8</sub> N <sub>4</sub> O <sub>2</sub>	2,4-Diamino-6-hydroxy-5-nitrosopyrimidine	231
CaH <sub>8</sub> N <sub>4</sub>	Pyrimidine-2-ylhydrazine	347
C <sub>8</sub> H <sub>8</sub> BN <sub>3</sub> O <sub>2</sub>	2-Aminopyrimidine-5-boronic acid	61
CaH <sub>8</sub> N <sub>4</sub> O <sub>2</sub>	5,6-Diaminouracil	232
CaH <sub>8</sub> N <sub>4</sub> O <sub>2</sub> S	2-Amino-5-pyrimidinesulfonamide	61
CaH <sub>7</sub> N <sub>5</sub> O <sub>2</sub> S	4-Amino-6-hydroxy-2-mercapto-5-nitrosopyrimidine ammonium salt	55
CaH <sub>10</sub> N <sub>2</sub> O <sub>3</sub>	Alloxan tetrahydrate	31
C <sub>8</sub> H <sub>8</sub> BrCl <sub>2</sub> N	4-Bromo-3,5-dichloropyridine	126
C <sub>8</sub> H <sub>2</sub> ClN <sub>3</sub>	2-Chloro-4-pyrimidinecarbonitrile	152
C <sub>8</sub> H <sub>3</sub> Cl <sub>3</sub> N <sub>2</sub>	2,4,6-Trichloro-5-methylpyrimidine	375
C <sub>8</sub> H <sub>3</sub> ClN <sub>4</sub>	2-Chloropurine	152
CaH <sub>3</sub> F <sub>3</sub> N <sub>2</sub> O <sub>2</sub>	6-(Trifluoromethyl)uracil	376
CaH <sub>8</sub> Cl <sub>2</sub> N <sub>2</sub> O	4,6-Dichloro-5-methoxypyrimidine	236
C <sub>8</sub> H <sub>8</sub> ClN <sub>3</sub> O	2-Chloropyrimidine-4-carboxamide	152
	4-Amino-6-chloropyrimidine-5-carbaldehyde	42
C <sub>8</sub> H <sub>8</sub> N <sub>3</sub> S	Pyrimidine-5-carbothioic acid amide	347
CaH <sub>8</sub> N <sub>4</sub> O	4-Amino-6-hydroxypyrazolo(3,4-D)pyrimidine	56
CaH <sub>8</sub> N <sub>4</sub> O	5-(Hydroxymethyl)pyrimidine	290
	4-Hydroxy-6-methylpyrimidine	290
C <sub>8</sub> H <sub>8</sub> ClN <sub>3</sub> O	2-Amino-6-chloro-4-methoxypyrimidine	41
C <sub>8</sub> H <sub>8</sub> N <sub>4</sub> O	Pyrimidine-4-carboxylic acid hydrazide	347
CaH <sub>7</sub> N <sub>3</sub>	2-Pyrimidinmethanamine	347
CaH <sub>8</sub> N <sub>4</sub> HCl	Pyrimidine-5-carboxamide hydrochloride	347
CaH <sub>7</sub> N <sub>4</sub> OS·H <sub>2</sub> O	2-Methylmercapto-4-oxo-6-aminopyrimidine monohydrate	320
CaH <sub>10</sub> FNO <sub>3</sub>	2-Deoxy-2-fluoro-b-D-arabinofuranosylamine	193
	2-Deoxy-2-Fluoro-a-D-arabinofuranosylamine	193
CaH <sub>2</sub> BrN <sub>3</sub> O <sub>2</sub>	5-Bromo-2-cyano-3-nitropyridine	123
CaH <sub>3</sub> BrFN <sub>2</sub> O	5-Bromo-2-fluoronicotinic acid	126
CaH <sub>4</sub> Cl <sub>2</sub> N <sub>4</sub>	2,6-Dichloro-7-methylpurine	236
CaH <sub>4</sub> N <sub>3</sub> O	3,7-Dihydro-5-iodo-4-oxo-4H-pyrrolo[2,3-d]pyrimidine	247
CaH <sub>8</sub> N <sub>4</sub> OS	4-Hydroxy-2-mercaptopteridine	289
CaH <sub>8</sub> ClNO <sub>2</sub>	2-Chloro-4-pyridinecarboxylic acid	152
	2-Chloroisonicotinic acid	148
CaH <sub>8</sub> N <sub>4</sub> O <sub>2</sub>	[1,2,4]Triazol[1,5-a]pyrimidine-2-carboxylic acid	373
CaH <sub>4</sub> F <sub>2</sub> N <sub>2</sub> O <sub>3</sub>	4-(difluoromethyl)-2-hydroxy-pyrimidine-5-carboxylic acid	247
CaH <sub>5</sub> N <sub>3</sub>	7H-Pyrrolo[2,3d]pyrimidine	348
	7-Deazapurine	170
CaH <sub>8</sub> ClN <sub>4</sub>	6-Chloro-9-methylpurine	149
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CaH <sub>8</sub> N <sub>2</sub> O <sub>2</sub>	Pyrimidine-4-carboxylic acid methyl ester	347
	3-Methyl-2-nitropyridine	321
CaH <sub>8</sub> ClN <sub>3</sub>	4-Amino-5-chloro-2,6-dimethylpyrimidine	41
CaH <sub>8</sub> N <sub>4</sub> O <sub>2</sub>	2,4-Dihydroxy-5,6-dimethylpyrimidine	248
CaH <sub>8</sub> N <sub>3</sub> O <sub>2</sub>	4-Amino-2,6-dimethoxypyrimidine	52
CaH <sub>8</sub> ClN <sub>3</sub> S	2-Methylthio-6-chloropurine	324
C <sub>7</sub> H <sub>8</sub> N <sub>4</sub> O	Pyrazolo[1,5-a]pyrimidine-2-carboxylic acid	346
C <sub>7</sub> H <sub>8</sub> Cl <sub>2</sub> NO <sub>3</sub>	3,5-Dichloro-4-pyridone-1-acetic acid	237
C <sub>7</sub> H <sub>8</sub> ClNO <sub>2</sub>	5-Chloro-2-pyridinecarboxylic acid methyl ester	152
C <sub>7</sub> H <sub>7</sub> ClN <sub>2</sub> O <sub>2</sub>	Methyl 2-chloro-6-methylpyrimidine-4-carboxylate	313
C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> OS	2-(Ethylthio)pyrimidine-5-carbaldehyde	272
C <sub>7</sub> H <sub>8</sub> N <sub>4</sub> O <sub>2</sub>	2-(Methoxymethyl)-5-pyrimidinecarbaldehyde	307
C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> S	4-Methyl-2-(methylsulfonyl)-5-pyrimidinecarboxylic acid	321
CaH <sub>7</sub> N <sub>3</sub> ·C <sub>2</sub> H <sub>2</sub> O <sub>4</sub>	2-(Aminomethyl)pyrimidine oxalate	59
C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>	4-(Dimethoxymethyl)pyrimidine	249
C <sub>7</sub> H <sub>10</sub> N <sub>4</sub> O	Ethyl-2,4-diamino-pyrimidine-5-carboxylate	271
C <sub>7</sub> H <sub>15</sub> N <sub>2</sub> O <sub>8</sub> P	Glycinamide ribonucleotide	282
CaH <sub>8</sub> N <sub>2</sub> S <sub>2</sub>	4-(2-Thienyl)-2-pyrimidinethiol	358
C <sub>7</sub> H <sub>7</sub> ClN <sub>4</sub> S	2-Methylthio-6-chloro-9-methylpurine	324

Formula	Product Name	Page
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CaH <sub>6</sub> ClN <sub>2</sub> O <sub>2</sub>	Ethyl 2-chloro-4-methylpyrimidine-5-carboxylate	271
C <sub>8</sub> H <sub>8</sub> N <sub>4</sub> O <sub>3</sub> S	rac-Lamivudine acid	301
	Lamivudine acid	301
C <sub>8</sub> H <sub>10</sub> N <sub>6</sub>	2,4-Diamino-6,7-dimethylpteridine	231
CaH <sub>10</sub> N <sub>2</sub> O	2-Isopropyl-4-pyrimidinecarbaldehyde	300
CaH <sub>10</sub> N <sub>2</sub> O <sub>2</sub>	2-(2-Methoxyethyl)pyrimidine-5-carbaldehyde	307
CaH <sub>10</sub> FN <sub>3</sub> O <sub>3</sub> S	(+)-Emtricitabine	267
	Coviracil	155
CaH <sub>10</sub> N <sub>2</sub> O <sub>5</sub>	(2S,4S)-1[2-hydroxymethyl-1,3-dioxolan-4-yl]uracil	290
CaH <sub>10</sub> FN <sub>3</sub> O <sub>5</sub>	1-(5'-Deoxy-5'-fluoro-b-D-arabinofuranosyl)-2-nitroimidazole	194
CaH <sub>11</sub> N <sub>3</sub> O <sub>3</sub> S	Lamivudine	302
	5'-Epi lamivudine	269
	2'-Epi-lamivudine	268
	ent-Lamivudine	268
CaH <sub>11</sub> N <sub>3</sub> O <sub>4</sub>	Troxacitabine	378
CaH <sub>11</sub> N <sub>3</sub> O <sub>5</sub> S	6-Aza-2-thiouridine	78
CaH <sub>11</sub> N <sub>3</sub> O <sub>6</sub>	6-Azauridine	79
CaH <sub>11</sub> N <sub>3</sub> O <sub>6</sub> PSNa	Lamivudine 5'-monophosphate sodium salt	302
CaH <sub>12</sub> N <sub>4</sub> O <sub>4</sub>	5-Aza-2'-deoxycytidine	78
CaH <sub>12</sub> N <sub>4</sub> O <sub>5</sub>	a-Ribavirin (impurity B)	349
	Ribavirin	350
	Isonbavirin	300
	6-Azacytidine	76
	5-Azacytidine	76
CaH <sub>12</sub> N <sub>3</sub> O <sub>9</sub> P	6-Azauridine-5'-monophosphate	78
CaH <sub>12</sub> N <sub>4</sub> O <sub>11</sub> P <sub>2</sub> Li <sub>2</sub>	Ribavirin 5'-diphosphate lithium salt	348
CaH <sub>12</sub> N <sub>4</sub> O <sub>14</sub> P <sub>3</sub>	1,2,3-Triazole-4-carboxamide, 5-b-D-ribofuranosyl-5'-triphosphate-nucleoside triethyl ammonium salt	373
CaH <sub>12</sub> N <sub>4</sub> Na <sub>4</sub> O <sub>14</sub> P <sub>3</sub>	Ribavirin 5'-triphosphate sodium salt	349
CaH <sub>11</sub> Li <sub>2</sub> N <sub>4</sub> O <sub>9</sub> P	Ribavirin 5'-monophosphate dilithium salt	349
CaH <sub>13</sub> N <sub>4</sub> O <sub>9</sub> P	5-Azacytidine 5'-monophosphate	76
CaH <sub>13</sub> N <sub>4</sub> O <sub>9</sub> P·xNa	Ribavirin 5'-monophosphate sodium salt	349
CaH <sub>14</sub> N <sub>4</sub> O <sub>14</sub> P <sub>3</sub> ·Na	Ribavirin 5'-triphosphate triethylammonium salt - 10 mM aqueous solution	349
C <sub>9</sub> H <sub>15</sub> N <sub>4</sub> O <sub>6</sub> PS	Lamivudine 5'-monophosphate ammonium salt	302
CaH <sub>15</sub> N <sub>4</sub> O <sub>14</sub> P <sub>3</sub>	5-Azacytidine 5'-triphosphate	76
CaH <sub>15</sub> N <sub>4</sub> O <sub>14</sub> P <sub>3</sub> ·Na <sub>4</sub>	Ribavirin 5'-triphosphate tetrasodium salt - 10mM aqueous solution	349
CaH <sub>19</sub> N <sub>6</sub> O <sub>8</sub> P	Ribavirin 5'-monophosphate diammonium salt	349
CaH <sub>19</sub> N <sub>6</sub> O <sub>9</sub> P <sub>2</sub> S	Lamivudine 5'-diphosphate ammonium salt	301
CaH <sub>6</sub> N <sub>2</sub> OS	2-(2-Thienyl)-5-pyrimidinecarbaldehyde	358
CaH <sub>6</sub> N <sub>2</sub> O <sub>2</sub>	2-(2-Furyl)-5-pyrimidinecarbaldehyde	281
C <sub>9</sub> H <sub>10</sub> FN <sub>3</sub> O <sub>3</sub>	5-Fluoro-1-(2',3'-dideoxy-2',3'-didehydro-b-D-arabinofuranosyl)-cytosine	278
C <sub>9</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub>	2',3'-Didehydro-2',3'-dideoxyuridine	239
CaH <sub>10</sub> ClFN <sub>2</sub> O <sub>4</sub>	5-Chloro-2',3'-dideoxy-3'-fluorouridine	145
CaH <sub>10</sub> FIN <sub>2</sub> O <sub>4</sub>	2',5'-Dideoxy-2'-fluoro-5'-iodouridine	242
CaH <sub>10</sub> N <sub>2</sub> O <sub>5</sub>	3'-deoxy-3',4'-didehydrouridine	178
	2,2'-Anhydrouridine	69
	2,2'-Anhydro-L-uridine	69
CaH <sub>10</sub> F <sub>2</sub> N <sub>2</sub> O <sub>5</sub>	2'-Deoxy-2',2'-difluoro-a-uridine	179
	2,5'-Anhydro-5,6-didehydro-2'-deoxy-2',2'-difluorouridine	67
CaH <sub>10</sub> FIN <sub>2</sub> O <sub>5</sub>	Fialuridine (Firu)	274
	2'-Deoxy-2'-fluoro-5-iodouridine	198
C <sub>9</sub> H <sub>10</sub> FN <sub>3</sub> O <sub>5</sub>	1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)-5-iodouracil	194
	4'-C-Azido-3'-deoxy-3'-fluorouridine	85
	4'-C-Azido-2'-deoxy-2'-fluoro-b-D-arabinouridine	85
C <sub>9</sub> H <sub>10</sub> FIN <sub>2</sub> O <sub>6</sub>	5-Fluoro-6-iodouridine	278
CaH <sub>10</sub> N <sub>2</sub> O <sub>8</sub> P·Na	Uridine-3',5'-cyclic monophosphate sodium salt	380
CaH <sub>10</sub> Na <sub>2</sub> NaO <sub>8</sub> P	Uridine-2',3'-cyclic monophosphate sodium salt	380
C <sub>9</sub> H <sub>10</sub> FN <sub>3</sub> O <sub>8</sub> P·2Na	2'-Deoxy-5-fluorouridine 5'-monophosphate sodium salt	203
C <sub>9</sub> H <sub>10</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·4Na	2'-Deoxy-5-iodouridine-5'-triphosphate sodium salt - 10mM aqueous solution	210
CaH <sub>10</sub> FN <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·4Na	2'-Deoxy-5-fluorouridine-5'-triphosphate sodium salt	203



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C<sub>9</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub>

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C <sub>9</sub> H <sub>11</sub> FN <sub>2</sub> O <sub>4</sub>	2',3'-Dideoxy-3'-fluorouridine	243
	2',3'-Dideoxy-3'-fluoro-a-uridine	243
	2',3'-Dideoxy-2'-fluorouridine	243
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C <sub>9</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub>	2,2'-Anhydrocytidine	67
C <sub>9</sub> H <sub>11</sub> F <sub>2</sub> N <sub>3</sub> O <sub>4</sub>	3'-Epi gemcitabine	268
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	1-(2'-Deoxy-2'-fluoro-b-L-arabinofuranosyl)-uracil	195
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C <sub>9</sub> H <sub>11</sub> N <sub>5</sub> O <sub>5</sub>	3'-Azido-3'-deoxyuridine	89
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C <sub>9</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>6</sub>	5-Chlorouridine	153
C <sub>9</sub> H <sub>11</sub> FN <sub>2</sub> O <sub>6</sub>	5-Fluorouridine	280
C <sub>9</sub> H <sub>11</sub> IN <sub>2</sub> O <sub>6</sub>	5-Iodouridine	295
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C <sub>9</sub> H <sub>11</sub> N <sub>5</sub> O <sub>6</sub>	5-Azidouridine	92
C <sub>9</sub> H <sub>11</sub> N <sub>3</sub> O <sub>7</sub> PNa	Cytidine 3',5'-cyclic monophosphate monosodium salt	159
C <sub>9</sub> H <sub>11</sub> N <sub>3</sub> O <sub>7</sub> P·Na	Cytidine 2',3'-cyclic monophosphate monosodium salt	159
C <sub>9</sub> H <sub>11</sub> FIN <sub>2</sub> O <sub>8</sub> P	Flialuridine 5'-monophosphate	274
C <sub>9</sub> H <sub>11</sub> N <sub>2</sub> O <sub>9</sub> PNa <sub>2</sub>	2'-Deoxyuridine-5'-monophosphate disodium salt	224
C <sub>9</sub> H <sub>11</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>9</sub> P	Uridine 5'-monophosphate disodium salt	380
	Uridine 3'-monophosphate disodium salt	380
C <sub>9</sub> H <sub>11</sub> FLi <sub>4</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub>	2'-Deoxy-2'-fluorocytidine-5'-triphosphate tetralithium salt	195
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C <sub>9</sub> H <sub>11</sub> FN <sub>2</sub> O <sub>14</sub> P <sub>3</sub> Li <sub>4</sub>	2'-Deoxy-2'-fluorouridine-5'-triphosphate tetralithium salt	204
C <sub>9</sub> H <sub>12</sub> N <sub>4</sub>	6-Propylamino-7-deazapurine	344
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O	2-tert-Butylpyrimidine-5-carbaldehyde	134
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> OS	2-(sec-Butylthio)pyrimidine-5-carbaldehyde	353
	2-(Butylthio)pyrimidine-5-carbaldehyde	134
C <sub>9</sub> H <sub>12</sub> FN <sub>3</sub> O <sub>3</sub>	1-(2,3-Dideoxy-2-fluoropentofuranosyl)cytosine	242
	b-L-2',3'-Dideoxy-5-fluorocytidine	242
	2',3'-Dideoxy-5-fluorocytidine	242
	2',3'-Dideoxy-3'-fluorocytidine	242
C <sub>9</sub> H <sub>12</sub> N <sub>3</sub> O <sub>3</sub> l	5-Iodo-2',3'-dideoxycytidine	294
C <sub>9</sub> H <sub>12</sub> Na <sub>3</sub> O <sub>3</sub>	2',3'-Dideoxy-5-iodocytidine	245
C <sub>9</sub> H <sub>12</sub> N <sub>6</sub> O <sub>3</sub>	5'-Azido-2',5'-dideoxycytidine	89
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub>	2',5'-Dideoxyuridine	246
	2',3'-Dideoxyuridine	246
C <sub>9</sub> H <sub>12</sub> BrN <sub>3</sub> O <sub>4</sub>	5-Bromo-2'-deoxycytidine	124
C <sub>9</sub> H <sub>12</sub> ClN <sub>3</sub> O <sub>4</sub>	5-Chloro-5'-deoxycytidine	142
	2'-Chloro-2'-deoxycytidine	142
	1-(2'-Chloro-2'-deoxy-b-D-arabinofuranosyl)cytosine	142
C <sub>9</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub> ·HCl	2,2'-Anhydrocytidine HCl	67
C <sub>9</sub> H <sub>12</sub> FN <sub>3</sub> O <sub>4</sub>	5'-Deoxy-5-fluorocytidine	196
	2'-Deoxy-5-fluorocytidine	196
	2'-Deoxy-2'-fluorocytidine	196
C <sub>9</sub> H <sub>11</sub> F <sub>2</sub> N <sub>3</sub> O <sub>4</sub> ·HCl	2'-Deoxy-2',2'-difluorocytidine hydrochloride	178

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C <sub>9</sub> H <sub>12</sub> N <sub>6</sub> O <sub>4</sub>	2'-Azido-2'-deoxycytidine	84
	8-Azaadenosine	75
	3'-Azido-3'-deoxycytidine	385
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S	2'-Deoxy-4'-thiouridine	222
	2'-Deoxy-4'-thiouridine	221
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>	2,4-Dithiouridine	253
	2',3'-Dithiouridine	253
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>	5'-Deoxyuridine	226
	4-Deoxyuridine	225
	3'-Deoxyuridine	225
	2-Deoxyuridine	225
	2'-Deoxyuridine	225
	2'-Deoxy-L-uridine	225
	2'-Deoxy-a-uridine	225
	2'-Deoxypseudouridine	219
C <sub>9</sub> H <sub>12</sub> BrN <sub>3</sub> O <sub>5</sub>	5-Bromocytidine	124
C <sub>9</sub> H <sub>12</sub> ClN <sub>3</sub> O <sub>5</sub>	5-Chlorocytidine	140
C <sub>9</sub> H <sub>12</sub> FN <sub>3</sub> O <sub>5</sub>	5-Fluorocytidine	276
C <sub>9</sub> H <sub>12</sub> IN <sub>3</sub> O <sub>5</sub>	5-Iodocytidine	294
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub> S	4-Thiouridine	362
	2-Thiouridine	361
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub>	Uridine	382
	L-Uridine	382
	1-(a-D-Ribofuranosyl)uracil	352
	Pseudouridine	345
	2'-Deoxy-5-hydroxyuridine	208
<sup>13</sup> CC <sub>8</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub>	2'-13C Uridine	156
	1'-13C Uridine	155
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub>	1-(b-D-Arabinofuranosyl)uracil	75
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>7</sub>	5-Hydroxyuridine	291
C <sub>9</sub> H <sub>12</sub> N <sub>3</sub> O <sub>7</sub> PNa <sub>2</sub>	2'-Deoxycytidine-5'-monophosphate disodium salt	174
C <sub>9</sub> H <sub>12</sub> N <sub>3</sub> O <sub>7</sub> P·2Na	2'-Deoxycytidine-3'-monophosphate sodium salt	175
C <sub>9</sub> H <sub>12</sub> FN <sub>2</sub> O <sub>8</sub> P	2'-Deoxy-2'-fluorouridine-5'-monophosphate	203
C <sub>9</sub> H <sub>12</sub> BrN <sub>2</sub> O <sub>8</sub> PNa <sub>2</sub>	5-Bromo-2'-deoxyuridine-5'-monophosphate sodium salt	125
C <sub>9</sub> H <sub>12</sub> N <sub>3</sub> Na <sub>2</sub> O <sub>8</sub> P	Cytidine 5'-monophosphate disodium salt	160
C <sub>9</sub> H <sub>12</sub> FN <sub>2</sub> O <sub>9</sub> P	5-Fluorouridine-5'-monophosphate sodium salt - 10mM aqueous solution	280
C <sub>9</sub> H <sub>12</sub> N <sub>3</sub> O <sub>10</sub> P <sub>2</sub> ·Na <sub>3</sub>	2'-Deoxycytidine-5'-diphosphate trisodium salt hydrate	174
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>11</sub> P <sub>2</sub>	2'-Deoxyuridine-5'-diphosphate sodium salt	223
C <sub>9</sub> H <sub>12</sub> N <sub>3</sub> Na <sub>2</sub> O <sub>11</sub> P <sub>2</sub>	Cytidine-5'-diphosphate trisodium salt	160
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>12</sub> P <sub>2</sub> Na <sub>2</sub>	Uridine 5'-diphosphate disodium salt	380
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·3Na	2'-Deoxyuridine-5'-triphosphate trisodium salt	224
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub> Na <sub>3</sub>	Uridine 5'-triphosphate dihydrate trisodium salt	381
	Pseudouridine-5'-triphosphate - 100mM aqueous solution	345
C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub> ·3Na	Uridine 5'-triphosphate trisodium salt	381
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>	2',5'-Dideoxycytidine	241
	2',3'-Dideoxycytidine	240
C <sub>9</sub> H <sub>13</sub> ClN <sub>4</sub> O <sub>3</sub>	2-Chloro-6-(2'-deoxy-b-D-ribofuranosyl)-3,5-diaminopyrazine	144
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub> S	4-(2-Methoxyethylamino)-2-(Methylthio)Pyrimidine-5-Carboxylic Acid	306
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub>	2'-Deoxypseudoisocytidine	219
	2'-Deoxyisocytidine	212
	3'-Deoxycytidine	177
	2'-Deoxy-L-cytidine	177
	2'-Deoxycytidine	177
C <sub>9</sub> H <sub>12</sub> FN <sub>3</sub> O <sub>4</sub> ·HCl	1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)cytosine HCl	193
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub> S	2-Thiocytidine	359
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>	Pseudoisocytidine	345
	Isocytidine	298
	2'-Deoxy-5-hydroxycytidine	207
	L-Cytidine	162
	Cytidine	162
<sup>13</sup> CC <sub>8</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>	2'-13CCytidine	138
	1'-13CCytidine	138
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>	1-(b-D-Arabinofuranosyl)cytosine	73
	3'-Amino-3'-deoxyuridine	49
	2'-Amino-2'-deoxyuridine	49

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C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>6</sub>	Mizoribine	329
CaH <sub>13</sub> N <sub>3</sub> O <sub>6</sub> PS	2',3'-Dideoxyuridine-5'-O-monophosphate	246
CaH <sub>13</sub> FN <sub>3</sub> O <sub>7</sub> P	2'-Deoxy-2'-fluorocytidine-5'-monophosphate	195
CaH <sub>13</sub> N <sub>4</sub> O <sub>7</sub> P	AICAR 3',5'-cyclic phosphate	30
CaH <sub>13</sub> N <sub>2</sub> O <sub>9</sub> P	2'-Deoxyuridine-5'-monophosphate free acid	224
C <sub>9</sub> H <sub>13</sub> N <sub>2</sub> O <sub>9</sub> P	Uridine 5'-monophosphate	381
	1-b-D-Arabinofuranosyluracil 5'-monophosphate	75
CaH <sub>13</sub> N <sub>2</sub> O <sub>11</sub> P <sub>2</sub> B	5-Bromo-2'-deoxyuridine 5'-diphosphate sodium salt - 10mM aqueous solution	125
CaH <sub>13</sub> N <sub>3</sub> O <sub>11</sub> P <sub>2</sub> Na <sub>2</sub>	Cytidine 5'-diphosphate disodium salt	160
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> Na <sub>3</sub> O <sub>12</sub> P <sub>3</sub>	2',3'-Dideoxycytidine-5'-triphosphate trisodium salt	240
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub> Na <sub>3</sub>	2'-Deoxycytidine-5'-triphosphate trisodium salt	176
CaH <sub>13</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub> ·3Na	2'-Deoxycytidine-5'-triphosphate trisodium salt	176
CaH <sub>13</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub> ·2Na	Uridine 5'-triphosphate disodium salt	381
CaH <sub>13</sub> N <sub>3</sub> O <sub>7</sub> ·HCl	2-(Piperidin-4-Yloxy)Pyrimidine Dihydrochloride	342
CaH <sub>14</sub> N <sub>4</sub> O <sub>3</sub>	3'-Amino-2',3'-dideoxycytidine	50
CaH <sub>13</sub> N <sub>3</sub> O <sub>4</sub> ·HCl	2'-Deoxycytidine HCl	174
CaH <sub>14</sub> N <sub>4</sub> O <sub>4</sub>	3'-O-Amino-2'-deoxycytidine	46
	3'-Amino-3'-deoxycytidine	46
	2'-Amino-2'-deoxycytidine	45
CaH <sub>14</sub> N <sub>5</sub> O <sub>4</sub> P	(R)-9-[2-(Phosphonomethoxy)propyl]adenine	341
CaH <sub>14</sub> N <sub>2</sub> O <sub>5</sub>	5,6-Dihydro-2'-deoxyuridine	247
C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub> ·HCl	Pseudoisocytidine hydrochloride	345
	1-(b-D-Arabinofuranosyl)cytosine HCl	73
CaH <sub>14</sub> N <sub>4</sub> O <sub>5</sub>	N4-Methyl-5-azacytidine	312
	5-Aminoimidazole-4-carboxamide-1-b-D-ribofuranose	56
	N4-Aminocytidine	43
CaH <sub>14</sub> CIN <sub>3</sub> O <sub>6</sub>	5-Aminouridine hydrochloride	64
C <sub>9</sub> H <sub>14</sub> N <sub>3</sub> O <sub>6</sub> PS	2'-Deoxycytidine-5'-O-monophosphorothioate sodium salt	175
CaH <sub>14</sub> N <sub>3</sub> O <sub>7</sub> P	2'-Deoxycytidine-5'-monophosphate free acid	175
CaH <sub>14</sub> N <sub>3</sub> O <sub>8</sub> P·xLi	2'-Deoxycytidine-3'-monophosphate free acid	175
CaH <sub>14</sub> N <sub>3</sub> O <sub>8</sub> P	Cytidine 3'-monophosphate lithium salt	161
C <sub>9</sub> H <sub>14</sub> N <sub>3</sub> O <sub>8</sub> P	Cytidine 5'-monophosphate free acid	160
	Cytidine 3'(2')-monophosphate	161
	1-(b-D-Arabinofuranosyl)cytosine 5'-monophosphate	73
CaH <sub>14</sub> N <sub>3</sub> O <sub>8</sub> P·xNa	Cytidine-2'-monophosphate sodium salt	161
	Cytidine 5'-monophosphate sodium salt	161
CaH <sub>14</sub> N <sub>2</sub> O <sub>11</sub> P <sub>2</sub>	2'-Deoxyuridine-5'-diphosphate triethylammonium salt - 10 mM aqueous solution	223
CaH <sub>14</sub> FN <sub>2</sub> O <sub>12</sub> P <sub>2</sub>	5-Fluorouridine-5'-diphosphate sodium salt	280
CaH <sub>14</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub> ·xLi	3'-Azido-2',3'-dideoxyuridine-5'-triphosphate lithium salt - 100 mM aqueous solution	91
CaH <sub>14</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> Br	5-Bromo-2'-deoxyuridine-5'-triphosphate sodium salt	125
CaH <sub>14</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> F·xLi	2'-Deoxy-2'-fluorouridine-5'-triphosphate lithium salt - 100mM aqueous solution	203
CaH <sub>14</sub> N <sub>5</sub> O <sub>14</sub> P <sub>3</sub>	2'-Azido-2'-deoxyuridine-5'-triphosphate	88
CaH <sub>14</sub> FN <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·Na	2'-Deoxy-2'-fluorouridine-5'-triphosphate sodium salt - 100mM aqueous solution	203
CaH <sub>14</sub> N <sub>3</sub> Na <sub>2</sub> O <sub>14</sub> P <sub>3</sub>	Cytidine 5'-triphosphate disodium salt	161
CaH <sub>14</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub> F	5-Fluorouridine-5'-triphosphate sodium salt	280
CaH <sub>15</sub> N <sub>4</sub> O <sub>8</sub> P	5-Aminoimidazole-4-carboxamide-1-b-D-ribofuranose 5'-monophosphate	56
CaH <sub>15</sub> N <sub>3</sub> O <sub>10</sub> P <sub>2</sub>	2'-Deoxyuridine-5'-[(a,b)-imido]diphosphate sodium salt - 10mM aqueous solution	223
CaH <sub>15</sub> O <sub>12</sub> N <sub>6</sub> P <sub>3</sub> ·xLi	3'-Azido-2',3'-dideoxycytidine-5'-triphosphate lithium salt - 10 mM aqueous solution	89
C <sub>9</sub> H <sub>15</sub> N <sub>2</sub> O <sub>13</sub> P <sub>3</sub> ·xLi	2',3'-Dideoxyuridine-5'-triphosphate lithium salt - 100mM aqueous solution	246
CaH <sub>15</sub> FN <sub>3</sub> O <sub>13</sub> P <sub>3</sub>	2'-Deoxy-2'-fluorocytidine-5'-triphosphate sodium salt - 100mM aqueous solution	195
CaH <sub>15</sub> N <sub>6</sub> O <sub>13</sub> P <sub>3</sub>	2'-Azido-2'-deoxycytidine-5'-triphosphate	84
CaH <sub>15</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> S	Uridine 5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution	381
CaH <sub>15</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> S·4Na	4-Thiouridine-5'-triphosphate sodium salt	361
CaH <sub>16</sub> N <sub>3</sub> O <sub>12</sub> P <sub>3</sub>	2',3'-Dideoxycytidine-5'-triphosphate lithium salt - 100mM aqueous solution	240
CaH <sub>16</sub> N <sub>3</sub> O <sub>12</sub> P <sub>3</sub> ·xNa	2'-Deoxycytidine-5'-O-(1-thiotriphosphate) sodium salt - 10 mM aqueous solution	176

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C <sub>9</sub> H <sub>16</sub> N <sub>3</sub> O <sub>12</sub> P <sub>3</sub> S·Li <sub>4</sub>	2'-Deoxycytidine-5'-O-(1-thiotriphosphate) lithium salt	176
CaH <sub>16</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub>	2'-Deoxyuridine-5'-[(a,b)-imido]triphosphate sodium salt - 10mM aqueous solution	224
	dCTP - 100mmol solution	164
C <sub>9</sub> H <sub>16</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub> S·xLi	Cytidine-5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution	161
C <sub>9</sub> H <sub>16</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub>	2'-Amino-2'-deoxyuridine-5'-triphosphate	49
CaH <sub>14</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> ·2Na·2H <sub>2</sub> O	Cytidine 5'-triphosphate disodium salt dihydrate	161
CaH <sub>14</sub> N <sub>3</sub> O <sub>7</sub> P·2NH <sub>3</sub>	2'-Deoxycytidine-3'-monophosphate ammonium salt	174
C <sub>9</sub> H <sub>17</sub> N <sub>4</sub> O <sub>12</sub> P <sub>3</sub> ·xLi	3'-Amino-2',3'-dideoxycytidine-5'-triphosphate lithium salt - 100 mM aqueous solution	50
C <sub>9</sub> H <sub>17</sub> N <sub>4</sub> O <sub>13</sub> P <sub>3</sub>	3'-O-Amino-2'-deoxyuridine-5'-triphosphate	45
	2'-Amino-2'-deoxycytidine-5'-triphosphate	45
CaH <sub>17</sub> N <sub>4</sub> O <sub>14</sub> P <sub>3</sub>	5-Aminoimidazole-4-carboxamide-1-b-D-ribofuranosyl 5'-triphosphate	57
C <sub>10</sub> H <sub>8</sub> N <sub>10</sub>	6,6'-Azopurine	92
C <sub>10</sub> H <sub>7</sub> BrN <sub>2</sub> S	4-(4-Bromophenyl)pyrimidine-2-thiol	128
C <sub>10</sub> H <sub>7</sub> FN <sub>2</sub> S	4-(4-Fluorophenyl)pyrimidine-2-thiol	279
C <sub>10</sub> H <sub>7</sub> N <sub>3</sub> O	2-Pyridin-2-ylpyrimidine-5-carbaldehyde	346
C <sub>10</sub> H <sub>6</sub> BrN <sub>3</sub>	2-Amino-4-(4-bromophenyl)pyrimidine	39
C <sub>10</sub> H <sub>6</sub> CIN <sub>3</sub>	2-Amino-4-(4-chlorophenyl)pyrimidine	42
C <sub>10</sub> H <sub>6</sub> FN <sub>3</sub>	2-Amino-4-(4-fluorophenyl)pyrimidine	54
C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> S	4-Phenylpyrimidine-2-thiol	340
C <sub>10</sub> H <sub>9</sub> D <sub>3</sub> N <sub>2</sub> O <sub>4</sub>	2,3'-Anhydrothymidine, methyl-D3	68
C <sub>10</sub> H <sub>9</sub> FN <sub>2</sub> O <sub>4</sub> D <sub>4</sub>	Clevudine-d4	154
C <sub>10</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>3</sub>	2,6-Dichloro-9-(2'-deoxy-b-D-ribofuranosyl)purine	236
C <sub>10</sub> H <sub>10</sub> ClFN <sub>4</sub> O <sub>3</sub>	6-Chloro-3'-deoxy-3'-fluorinosine	143
C <sub>10</sub> H <sub>10</sub> FNO <sub>4</sub>	4',5'-Dideohydro-2',5'-dideoxy-2'-fluorouridine	238
C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> O <sub>4</sub>	2',3'-Anhydroinosine	68
C <sub>10</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>4</sub>	2,6-Dichloro-9-(b-D-ribofuranosyl)purine	238
C <sub>10</sub> H <sub>10</sub> D <sub>3</sub> N <sub>5</sub> O <sub>4</sub>	3'-Azido-3'-deoxythymidine methyl-D3	87
C <sub>10</sub> H <sub>10</sub> N <sub>2</sub> O <sub>5</sub> D <sub>4</sub>	Thymidine-a,a,a,6-D4	366
C <sub>10</sub> H <sub>10</sub> BrN <sub>5</sub> O <sub>5</sub> PS·Na	8-Bromoadenosine 3',5'-cyclic monophosphorothioate, Sp-isomer sodium salt	123
	8-Bromoadenosine 3',5'-cyclic monophosphorothioate, Rp-isomer sodium salt	122
C <sub>10</sub> H <sub>10</sub> BrN <sub>5</sub> O <sub>6</sub> P·Na	8-Bromoadenosine 3',5'-cyclic monophosphate sodium salt	122
C <sub>10</sub> H <sub>10</sub> BrN <sub>5</sub> NaO <sub>7</sub> P	8-Bromoguanosine 3',5'-cyclic monophosphate sodium salt	126
C <sub>10</sub> H <sub>10</sub> N <sub>2</sub> O <sub>11</sub> PNa <sub>3</sub>	Orotidine 5'-monophosphate trisodium salt	338
C <sub>10</sub> H <sub>11</sub> N <sub>5</sub> O <sub>2</sub>	2',3'-Dideoxy-2',3'-didehydroadenosine	241
C <sub>10</sub> H <sub>11</sub> CIN <sub>4</sub> O <sub>3</sub>	6-Chloro-9-(2'-deoxy-b-D-ribofuranosyl)purine	144
C <sub>10</sub> H <sub>11</sub> N <sub>5</sub> O <sub>3</sub>	2,3'-Anhydro-2'-deoxyadenosine	67
C <sub>10</sub> H <sub>11</sub> ClFN <sub>6</sub> O <sub>3</sub>	6-Amino-2-chloro-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine	40
C <sub>10</sub> H <sub>11</sub> F <sub>2</sub> N <sub>5</sub> O <sub>3</sub>	2-Fluoro-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)adenine	277
	9-(2'-Deoxy-2'-fluoro-b-D-ribofuranosyl)-2-fluoroadenine	201
C <sub>10</sub> H <sub>11</sub> N <sub>7</sub> O <sub>3</sub>	5'-Azido-2',5'-dideoxyinosine	90
C <sub>10</sub> H <sub>11</sub> ClN <sub>4</sub> O <sub>4</sub>	6-Chloro-9-(b-D-ribofuranosyl)purine	153
C <sub>10</sub> H <sub>11</sub> FN <sub>4</sub> O <sub>4</sub>	2'-Deoxy-2'-fluorinosine	198
	9-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)hypoxanthine	193
C <sub>10</sub> H <sub>11</sub> N <sub>5</sub> O <sub>4</sub>	8,5'-(S)-Cycloadenosine	157
C <sub>10</sub> H <sub>11</sub> N <sub>2</sub> O <sub>5</sub> D <sub>3</sub>	D3-Thymidine	365
C <sub>10</sub> H <sub>11</sub> F <sub>3</sub> N <sub>2</sub> O <sub>5</sub>	Trifluorothymidine	376
C <sub>10</sub> H <sub>11</sub> BrN <sub>4</sub> O <sub>5</sub>	8-Brominosine	127
C <sub>10</sub> H <sub>11</sub> CIN <sub>4</sub> O <sub>5</sub>	8-Chlorinosine	147
	2-Chlorinosine	147
C <sub>10</sub> H <sub>11</sub> FN <sub>4</sub> O <sub>5</sub>	2-Fluorinosine	278
C <sub>10</sub> H <sub>11</sub> N <sub>5</sub> O <sub>5</sub> PS·Na	Adenosine 3',5'-cyclic monophosphothioate Sp-isomer sodium salt	22
	Adenosine 3',5'-cyclic monophosphothioate Rp-isomer sodium salt	22
C <sub>10</sub> H <sub>11</sub> BrN <sub>5</sub> O <sub>6</sub> P	8-Bromoadenosine 3',5'-cyclic monophosphate	122
C <sub>10</sub> H <sub>11</sub> CIN <sub>5</sub> O <sub>6</sub> P	8-Chloroadenosine 3',5'-cyclic monophosphate	139
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C <sub>10</sub> H <sub>11</sub> N <sub>4</sub> O <sub>6</sub> P·Na <sub>2</sub>	2',3'-Dideoxyinosine-5'-monophosphate sodium salt	244		Fludarabine	274
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C <sub>10</sub> H <sub>11</sub> N <sub>5</sub> NaO <sub>7</sub> P	Guanosine 3',5'-cyclic monophosphate sodium salt	283	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>4</sub> F	3'-Deoxy-3'-fluoroguanosine	197
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C <sub>10</sub> H <sub>11</sub> N <sub>4</sub> Na <sub>2</sub> O <sub>7</sub> P	2'-Deoxyinosine-5'-monophosphate disodium salt	208		9-(2'-Deoxy-2'-fluoro-b-D-ribofuranosyl)guanine	193
C <sub>10</sub> H <sub>11</sub> N <sub>4</sub> Na <sub>2</sub> O <sub>9</sub> P	Xanthosine 5'-monophosphate disodium salt	384	C <sub>10</sub> H <sub>12</sub> IN <sub>5</sub> O <sub>4</sub>	8-Iodoadenosine	293
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C <sub>10</sub> H <sub>11</sub> FN <sub>5</sub> O <sub>12</sub> P <sub>3</sub> ·4Li	2'-Deoxy-2'-fluoroadenosine-5'-triphosphate tetralithium salt	191		5'-Deoxy-5'-iodoguanosine	209
	2'-Deoxy-2'-fluoroadenosine-5'-triphosphate lithium salt - 100mM aqueous solution	191	C <sub>10</sub> H <sub>12</sub> N <sub>8</sub> O <sub>4</sub>	5'-Azido-5'-deoxyguanosine	86
C <sub>10</sub> H <sub>11</sub> FN <sub>5</sub> O <sub>13</sub> P <sub>3</sub> ·4Li	2'-Deoxy-2'-fluoroguanosine-5'-triphosphate lithium salt - 100mM aqueous solution	197		2'-Azido-2'-deoxyguanosine	86
C <sub>10</sub> H <sub>11</sub> N <sub>5</sub> O <sub>13</sub> P <sub>2</sub> S·4Li	2'-Phosphoadenosine 5'-phosphosulfate tetralithium salt (mixture with 3'-isomer)	341		8-Azidoadenosine	80
C <sub>10</sub> H <sub>12</sub> N <sub>4</sub>	6-Pyrrolidino-7-deazapurine	348	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>4</sub> S	6-Thioinosine	360
C <sub>10</sub> H <sub>12</sub> FN <sub>5</sub> O <sub>2</sub>	2',3'-Dideoxy-3'-fluoroadenosine	241		6-Thio-9-(b-D-arabinofuranosyl)purine	358
	6-Amino-9-(2',3'-dideoxy-2'-fluoro-b-D-arabinofuranosyl)purine	51	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>	2,2'-Anhydrothymidine	68
C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>2</sub>	3'-Azido-2',3'-dideoxyadenosine	89		2,2'-Anhydro-L-thymidine	68
C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>2</sub> S	2',3'-Dideoxy-6-thio-inosine	246	C <sub>10</sub> H <sub>12</sub> F <sub>2</sub> N <sub>2</sub> O <sub>5</sub>	2'-Deoxy-2',2'-difluoro-5-methyluridine	179
C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub>	2',5'-Dideoxyinosine	245	CaH <sub>12</sub> CIN <sub>3</sub> O <sub>5</sub>	5-Chloro-1-(b-D-arabinofuranosyl)cytidine	140
	2',3'-Dideoxyinosine	244	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>5</sub>	4-(b-D-Ribofuranosyl)-vic-triazolo[4,5-b]pyridin-5-one	352
C <sub>10</sub> H <sub>12</sub> BrN <sub>5</sub> O <sub>3</sub>	8-Bromo-2'-deoxyadenosine	124		L-Inosine	293
C <sub>10</sub> H <sub>12</sub> CIN <sub>5</sub> O <sub>3</sub>	6-Chloro-9-(2'-deoxy-b-L-erythro-pentofuranosyl)-9H-purin-2-amine	143		Inosine	293
	8-Chloro-2'-deoxyadenosine	142		2'-Deoxyxanthosine	226
	5'-Chloro-5'-deoxyadenosine	142		8-(2-Deoxy-b-D-ribofuranosyl)-imidazo[1,2-a]-1,3,5-triazine-2,4(3H,8H)-dione	220
	2-Chloro-2'-deoxyadenosine	141		9-(b-D-Arabinofuranosyl)hypoxanthine	74
	2-Amino-6-chloro-9-(2'-deoxy-b-D-ribofuranosyl)purine	41	C <sub>10</sub> H <sub>12</sub> BrN <sub>5</sub> O <sub>5</sub>	Allopurinol riboside	31
C <sub>10</sub> H <sub>12</sub> FN <sub>5</sub> O <sub>3</sub>	2',3'-Dideoxy-3'-fluoroguanosine	242		8-Bromoguanosine	127
	9-(2-Deoxy-2'-fluoro-b-D-xylofuranosyl)-9H-purin-6-amine	195	C <sub>10</sub> H <sub>12</sub> CIN <sub>5</sub> O <sub>5</sub>	8-Chloroguanosine	146
	9-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)adenine	192	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub>	2'-Deoxy-5-formyluridine	205
	3'-Deoxy-3'-fluoroadenosine	192		2,3'-Anhydro-1-b-D-fructofuranosyluracil	68
	3'-Deoxy-2'-fluoroadenosine	192	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>6</sub>	Xanthosine	384
	2'-Deoxy-2'-fluoroadenosine	192	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>6</sub> P	Adenosine 3',5'-cyclic monophosphate	22
	2'-Deoxy-2'-fluoroadenosine	192	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>6</sub> P	2'-Deoxyadenosine-5'-monophosphate disodium salt	171
	9-(2-Deoxy-2'-fluoro-a-D-arabinofuranosyl)-9H-purin-6-amine	191	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>6</sub> S	8-Oxo-7-thioguanosine	338
C <sub>10</sub> H <sub>12</sub> IN <sub>5</sub> O <sub>3</sub>	5'-Deoxy-5'-iodoadenosine	208	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>7</sub>	1-(b-D-Ribofuranosyl)-5-nitropyridine-2-one	351
C <sub>10</sub> H <sub>12</sub> N <sub>6</sub> O <sub>3</sub>	3'-Azido-2',3'-dideoxyguanosine	90		5-Carboxy-2'-deoxyuridine	137
	8-Azido-2'-deoxyadenosine	84	C <sub>10</sub> H <sub>12</sub> N <sub>6</sub> O <sub>7</sub>	8-Nitroguanosine	335
	5'-Azido-5'-deoxyadenosine	84	C <sub>10</sub> H <sub>12</sub> FN <sub>4</sub> O <sub>7</sub> P·xLi	2'-Deoxy-2'-fluoroinosine 5'-monophosphate lithium salt	198
C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub> S	6-Mercapto-9-(2'-deoxy-b-D-ribofuranosyl)purine	305	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>7</sub> P	Guanosine 3',5'-cyclic monophosphate	283
C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub>	2',3'-Dideoxy-2',3'-dideoxythymidine	239	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>7</sub> P	2'-Deoxyguanosine-5'-monophosphate disodium salt	205
	2,5'-Anhydro-thymidine	69	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>7</sub> P·2Na	2'-Deoxyguanosine 3'-monophosphate sodium salt	206
C <sub>10</sub> H <sub>12</sub> N <sub>3</sub> O <sub>4</sub> D <sub>3</sub>	3'-Amino-3'-deoxy-D <sub>3</sub> -thymidine	48		Adenosine 5'-monophosphate disodium salt	24
C <sub>10</sub> H <sub>12</sub> FN <sub>3</sub> O <sub>4</sub>	(E)-2'-Deoxy-2'-(fluoromethylene)cytidine	200	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>8</sub>	Orotidine	338
C <sub>10</sub> H <sub>12</sub> F <sub>3</sub> N <sub>3</sub> O <sub>4</sub>	5-(Trifluoromethyl)-2'-deoxycytidine	375	C <sub>10</sub> H <sub>12</sub> CaN <sub>5</sub> O <sub>8</sub> P	Guanosine 5'-monophosphate calcium salt	284
CaH <sub>12</sub> CIN <sub>3</sub> O <sub>4</sub>	5-Chloro-2'-deoxycytidine	142	C <sub>10</sub> H <sub>10</sub> CIN <sub>4</sub> Na <sub>2</sub> O <sub>7</sub> PH <sub>2</sub> O	6-Chloropurine riboside 5'-monophosphate disodium salt	152
C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>4</sub>	9-(b-D-Ribofuranosyl)purine	351	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>8</sub> PN <sub>2</sub>	Guanosine-2'(&3')-monophosphate disodium salt (mixed isomers)	286
	2',3'-Dideoxyxanthosine	246	13Cs <sub>5</sub> CaH <sub>12</sub> N <sub>5</sub> O <sub>8</sub> P·2Na	Guanosine 5'-monophosphate disodium salt [1',2',3',4',5'-13CS]	284
	2'-Deoxyinosine	208	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>8</sub> P·2Na	Guanosine 5'-monophosphate disodium salt	284
	2'-Cyano-2'-deoxy-1-(b-D-arabinofuranosyl)cytosine	156	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>8</sub> P <sub>2</sub> ·xNa	2'-Deoxyadenosine-5'-diphosphate sodium salt	171
C <sub>10</sub> H <sub>12</sub> BrN <sub>5</sub> O <sub>4</sub>	8-Bromo-2'-deoxyguanosine	124	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> ·Li <sub>3</sub>	Adenosine 5'-diphosphate trilithium salt	24
	8-Bromoadenosine	123	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> S·3Li	Guanosine 5'-O-(2-thiodiphosphate) trilithium salt	285
	2-Bromoadenosine	123	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>11</sub> P <sub>2</sub> ·2Na	Inosine 5'-diphosphate disodium salt	292
	2-Amino-8-bromo-9-(b-D-ribofuranosyl)purine	39	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>11</sub> P <sub>3</sub> ·4Li	2',3'-Dideoxyadenosine-5'-triphosphate lithium salt - 100mM aqueous solution	240
C <sub>10</sub> H <sub>12</sub> CIN <sub>5</sub> O <sub>4</sub>	8-Chloro-2'-deoxyguanosine	143		2',3'-Dideoxyinosine-5'-triphosphate trisodium salt	244
	8-Chloro-2'-deoxyguanosine	140	C <sub>10</sub> H <sub>12</sub> N <sub>8</sub> O <sub>13</sub> P <sub>3</sub> ·Na <sub>3</sub>	8-Azidoadenosine 5'-triphosphate sodium salt - 10mM aqueous solution	79
	2-Chloro-2'-deoxyadenosine	140	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> Na <sub>4</sub>	L-Adenosine 5'-triphosphate sodium salt	27
	2-Amino-6-chloro-9-(b-D-ribofuranosyl)purine	43	C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>14</sub> P <sub>3</sub> ·Na <sub>3</sub>	Inosine 5'-triphosphate trisodium salt	293
			C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>2</sub>	2',5'-Dideoxyadenosine	240
				2',3'-Dideoxyadenosine	240
			C <sub>10</sub> H <sub>13</sub> FN <sub>6</sub> O <sub>2</sub>	3'-Amino-2',3'-dideoxy-2'-fluoroadenosine	51

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C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>3</sub>	2',5'-Dideoxyguanosine	244		2'-Deoxy-2'-fluoroguanosine-5'-monophosphate	197
	2',3'-Dideoxyguanosine	243	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>7</sub> P	8-Azidoadenosine 5'-monophosphate sodium salt	79
	5'-Deoxyadenosine	173	C <sub>10</sub> H <sub>13</sub> N <sub>2</sub> O <sub>7</sub> P·xNa	Stavudine 5'-monophosphate sodium salt - 10 mM aqueous solution	353
	3'-Deoxyadenosine	173	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> NaO <sub>7</sub> P	3'-Azido-3'-deoxythymidine 5'-monophosphate sodium salt	87
	2'-Deoxy-L-adenosine	173	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>7</sub> P·Na	Adenosine 5'-monophosphate sodium salt	25
	2'-Deoxyadenosine	173	C <sub>10</sub> H <sub>11</sub> ClN <sub>5</sub> O <sub>6</sub> P·2H <sub>2</sub> O	8-Chloroadenosine 3',5'-cyclic monophosphate dihydrate	139
	2'-Deoxy-a-adenosine	172	C <sub>10</sub> H <sub>13</sub> N <sub>4</sub> O <sub>7</sub> PS	6-Thioinosine 5'-monophosphate	360
	8-Aza-7'-deaza-2'-deoxyadenosine	77	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>7</sub> PS·Na	6-Thioguanosine-5'-O-monophosphate sodium salt	359
	3'-Amino-2',3'-dideoxyinosine	51	C <sub>10</sub> H <sub>13</sub> N <sub>4</sub> O <sub>8</sub> P	Inosine 5'-monophosphate	292
	2-Amino-9-(2'-deoxy-b-D-ribofuranosyl)purine	48	C <sub>10</sub> H <sub>13</sub> BrN <sub>5</sub> O <sub>6</sub> P	8-Bromoguanosine-5'-monophosphate	127
C <sub>10</sub> H <sub>13</sub> FN <sub>6</sub> O <sub>3</sub>	2,6-Diamino-9-(2'-deoxy-2'-fluoro-b-D-ribofuranosyl)purine	230	C <sub>10</sub> H <sub>13</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>6</sub> P	Thymidine-5'-monophosphate disodium salt	364
	2,6-Diamino-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine	230	C <sub>10</sub> H <sub>11</sub> N <sub>4</sub> O <sub>6</sub> PN <sub>2</sub> ·xH <sub>2</sub> O	Inosine 5'-monophosphate disodium salt hydrate	292
	2-Amino-2'-deoxy-2'-fluoroadenosine	46	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> Ba	Adenosine 3',5'-diphosphate barium salt	23
C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>2</sub> S	2'-Deoxy-6-thioguanosine	221	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> ·2Na	2'-Deoxyguanosine-5'-diphosphate disodium salt	205
C <sub>10</sub> H <sub>13</sub> FN <sub>2</sub> O <sub>4</sub>	5'-Deoxy-5'-fluorothymidine	202		Adenosine 5'-diphosphate disodium salt	23
	3'-Deoxy-3'-fluorothymidine	202	C <sub>10</sub> H <sub>13</sub> N <sub>2</sub> Na <sub>3</sub> O <sub>11</sub> P <sub>2</sub>	Thymidine-5'-diphosphate trisodium salt	363
C <sub>10</sub> H <sub>13</sub> IN <sub>2</sub> O <sub>4</sub>	5'-Deoxy-5'-iodothymidine	210	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>11</sub> P <sub>2</sub> ·2Na	Guanosine 5'-diphosphate disodium salt	283
	3'-Deoxy-3'-iodothymidine	209	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub> ·3Na	2'-Deoxyadenosine-5'-triphosphate trisodium salt	172
C <sub>10</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub>	Cyclopentenyl cytosine	158	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> ·3Na	2'-Deoxyguanosine-5'-triphosphate trisodium salt	206
C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub>	9-(2-Deoxy-b-D-ribofuranosyl)isoguanine	220	C <sub>10</sub> H <sub>13</sub> N <sub>4</sub> O <sub>14</sub> P <sub>3</sub> ·2Na	Inosine 5'-triphosphate disodium salt	293
	2'-Deoxy-8-oxo-adenosine	217	C <sub>10</sub> H <sub>13</sub> N <sub>4</sub> O <sub>15</sub> P <sub>3</sub> ·2Na	Xanthosine 5'-triphosphate disodium salt	384
	3'-Deoxyguanosine	207	C <sub>10</sub> H <sub>13</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub> ·Li <sub>4</sub>	3'-O-Methyluridine-5'-triphosphate lithium salt	327
	2'-Deoxy-L-guanosine	207	C <sub>10</sub> H <sub>13</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub> Li <sub>4</sub>	2'-C-Methyluridine 5'-triphosphate lithium salt - 10mM aqueous solution	326
	2'-Deoxy-a-guanosine	206	C <sub>10</sub> H <sub>14</sub> N <sub>6</sub> O <sub>2</sub>	3'-Amino-2',3'-dideoxyadenosine	50
	5'-Azido-5'-deoxythymidine	88	C <sub>10</sub> H <sub>14</sub> N <sub>6</sub> O <sub>3</sub>	3'-Amino-2',3'-dideoxyguanosine	51
	3'-Azido-3'-deoxythymidine	88		5'-Amino-5'-deoxyadenosine hydrochloride	44
	8-Aza-7'-deaza-2'-deoxyguanosine	77		3'-O-Amino-2'-deoxyadenosine	45
	9-(b-D-Arabinofuranosyl)adenine	72		3'-Amino-3'-deoxyadenosine	45
	2-Amino-9-(b-D-ribofuranosyl)purine	62		2-Amino-2'-deoxyadenosine	45
	2-Amino-8-(2-deoxy-b-D-ribofuranosyl)-imidazo[1,2-a]-1,3,5-triazin-4(8H)-one	48		2'-Amino-2'-deoxyadenosine	45
	2'-Amino-2'-deoxyinosine	47	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub>	5'-Deoxythymidine	222
	L-Adenosine	27		3'-Deoxythymidine	222
	Adenosine - Endotoxin level below 1000 EU/g	27		3'-Deoxy-L-thymidine	222
	Adenosine - Endotoxin level below 100 EU/g	27	C <sub>10</sub> H <sub>14</sub> FN <sub>3</sub> O <sub>4</sub>	2'-Deoxy-2'-fluoro-5-methylcytidine	199
	Adenosine	27	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>5</sub> HCl	Adenosine HCl	24
C <sub>10</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub> S	5'-O-Acetylamilivudine	19	C <sub>10</sub> H <sub>14</sub> N <sub>6</sub> O <sub>4</sub>	2,6-Diamino-9-(b-D-arabinofuranosyl)purine	230
C <sub>10</sub> H <sub>13</sub> N <sub>6</sub> O <sub>4</sub> S	4-Thioguanosine	360		5'-Amino-5'-deoxyguanosine	47
	2-Thioadenosine	358		3'-Amino-3'-deoxyguanosine	47
C <sub>10</sub> H <sub>13</sub> ClN <sub>2</sub> O <sub>5</sub>	1-(2-Deoxy-2'-chloro-b-L-arabinofuranosyl)-thymine	173		2'-Amino-2'-deoxyguanosine	47
C <sub>10</sub> H <sub>13</sub> FN <sub>2</sub> O <sub>5</sub>	2'-Deoxy-2'-fluoro-5-methyluridine	200		8-Aminoadenosine	33
	2'-Deoxy-2'-fluoro-2'-C-methyluridine	200		2-Aminoadenosine	33
	1-(2'-Deoxy-2'-fluoro-a-L-arabinofuranosyl)-thymine	194	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> S	4-Thiothymidine	361
	1-(2-Deoxy-2'-fluoro-b-D-arabinofuranosyl)-5-methyluracil	194		2-Thiothymidine	361
	Clevudine	153		4-Thio-2'-deoxythymidine	359
C <sub>10</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>	2'-Deoxy-5-formylcytidine	205	C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>4</sub> PS	2',3'-Dideoxyadenosine-5'-monothiophosphate	239
C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>5</sub>	9-(b-D-Ribofuranosyl)isoguanine	351	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>	Thymidine	365
	8-Hydroxyadenosine	288		L-Thymidine	365
	L-Guanosine	286		a-Thymidine	365
	2'-Deoxy-8-oxoguanosine	218		Pseudothymidine	345
	5-Aza-7'-deazaguanosine	77		3'-Deoxy-5-methyluridine	217
	9-(b-D-Arabinofuranosyl)isoguanine	74		3'-Deoxy-3'-C-methyluridine	216
	9-(b-L-Arabinofuranosyl)guanine	74		2'-Deoxy-N3-methyluridine	216
	9-(b-D-Arabinofuranosyl)guanine	74	C <sub>10</sub> H <sub>12</sub> ClN <sub>5</sub> O <sub>4</sub> ·½H <sub>2</sub> O	2-Chloroadenosine hemihydrate	139
C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> <sup>18</sup> OO <sub>4</sub>	[2'- <sup>18</sup> O]Guanosine	286	C <sub>10</sub> H <sub>14</sub> N <sub>6</sub> O <sub>5</sub>	8-Aminoguanosine	54
C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>5</sub> S	8-Thioguanosine	360	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>6</sub> P	2',3'-Dideoxyadenosine-5'-monophosphate	239
C <sub>10</sub> H <sub>13</sub> NO <sub>6</sub>	3-Deazauidine	170	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub> S	5-Methyl-2-thiouridine	326
C <sub>10</sub> H <sub>13</sub> FN <sub>2</sub> O <sub>6</sub>	5-Fluoro-2'-O-methyluridine	278	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub>	N3-Methyluridine	328
C <sub>10</sub> H <sub>13</sub> IN <sub>2</sub> O <sub>6</sub>	5-Iodo-2'-O-methyluridine	295		6-Methyluridine	328
C <sub>10</sub> H <sub>13</sub> N <sub>3</sub> O <sub>6</sub>	5-Formylcytidine	281		5-Methyluridine	328
	3,4-Dihydro-3-oxo-4-b-D-ribofuranosyl-2-pyrazinecarboxamide	248		5-Methyl-L-uridine	327
	6-Amino-5-nitro-3-(2'-deoxy-b-D-ribofuranosyl)-2(1H)-pyridone	59		3'-O-Methyluridine	327
	8-Oxoguanosine	338		2'-O-Methyluridine	327
C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>6</sub>	8-Oxoguanosine	338		2'-C-Methyluridine	327
C <sub>10</sub> H <sub>13</sub> FN <sub>5</sub> O <sub>6</sub> P	2'-Deoxy-2'-fluoroadenosine-5'-monophosphate	191		1-Methylpseudouridine	322
C <sub>10</sub> H <sub>13</sub> FN <sub>6</sub> O <sub>6</sub> S	4'-C-Fluoroadenosine 5'-sulfamate	275		2'-Deoxy-5-hydroxymethyluridine	208
C <sub>10</sub> H <sub>13</sub> ClN <sub>5</sub> O <sub>7</sub> P	8-Chloroadenosine-5'-monophosphate	139		1-(b-D-Arabinofuranosyl)thymine	74
			C <sub>10</sub> H <sub>12</sub> BrN <sub>5</sub> O <sub>5</sub> ·xH <sub>2</sub> O	8-Bromoguanosine hydrate	126

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C<sub>10</sub>H<sub>17</sub>ClN<sub>5</sub>O<sub>12</sub>P<sub>3</sub>

Formula	Product Name	Page	Formula	Product Name	Page
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>6</sub> P	2',3'-Dideoxyguanosine-5'-triphosphate	243	C <sub>10</sub> H <sub>15</sub> FNO <sub>12</sub> P <sub>3</sub>	2'-Deoxy-2'-fluoroadenosine-5'-triphosphate	191
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>6</sub> P	2'-Deoxyadenosine-5'-monophosphate free acid	171	C <sub>10</sub> H <sub>15</sub> N <sub>4</sub> O <sub>12</sub> P <sub>3</sub>	2',3'-Dideoxyinosine-5'-triphosphate triethylammonium salt	244
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>6</sub> P·Na	2'-Deoxyadenosine-3'-monophosphate sodium salt	172	C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub> ·xLi	3'-Azido-2',3'-dideoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution	90
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>6</sub> P·xNa	2'-Deoxyadenosine 5'-monophosphate sodium salt	172	C <sub>10</sub> H <sub>15</sub> N <sub>8</sub> O <sub>12</sub> P <sub>3</sub>	2'-Azido-2'-deoxyadenosine-5'-triphosphate lithium salt	84
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C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P	2'-Deoxyguanosine-5'-monophosphate free acid	206	C <sub>10</sub> H <sub>15</sub> N <sub>4</sub> O <sub>13</sub> P <sub>3</sub>	Purine riboside-5'-triphosphate	345
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P·xLi	3'-Azido-3'-deoxythymidine-5'-monophosphate lithium salt - 100 mM aqueous solution	87	C <sub>10</sub> H <sub>15</sub> ClN <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	2-Amino-6-chloro-(b-D-ribofuranosyl)purine-5'-triphosphate	42
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P	9-(b-D-Arabinofuranosyl)adenine 5'-monophosphate	72	C <sub>10</sub> H <sub>15</sub> FN <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	2-Fluoroadenosine 5'-triphosphate	275
	Adenosine-3'-monophosphate	25	C <sub>10</sub> H <sub>15</sub> FN <sub>5</sub> O <sub>13</sub> P <sub>3</sub> ·xLi	2'-Deoxy-2'-fluoroguanosine-5'-triphosphate tetralithium salt	197
	Adenosine-2'-monophosphate	25	C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	2'-Azido-2'-deoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution	85
	Adenosine 5'-monophosphate	25		8-Azidoadenosine 5'-triphosphate tetralithium salt	79
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P·2Na	2'-Deoxy-5'-methylcytidine-5'-monophosphate disodium salt	214	C <sub>10</sub> H <sub>15</sub> N <sub>2</sub> O <sub>13</sub> P <sub>3</sub> ·xNa	Stavudine 5'-triphosphate sodium salt - 10 mM aqueous solution	353
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>8</sub> P	Guanosine 5'-monophosphate	284	C <sub>10</sub> H <sub>15</sub> N <sub>4</sub> O <sub>13</sub> P <sub>3</sub> ·xNa	2'-Deoxyinosine-5'-triphosphate sodium salt	208
C <sub>10</sub> H <sub>12</sub> N <sub>4</sub> O <sub>6</sub> ·2H <sub>2</sub> O	Xanthosine dihydrate	383	C <sub>10</sub> H <sub>15</sub> FN <sub>5</sub> O <sub>13</sub> P <sub>3</sub> ·xLi	2'-Deoxy-2'-fluoroguanosine-5'-triphosphate sodium salt - 100mM aqueous solution	197
C <sub>10</sub> H <sub>14</sub> FN <sub>5</sub> O <sub>9</sub> P <sub>2</sub>	2'-Deoxy-2'-fluoroadenosine-5'-diphosphate	191	C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	2'-Azido-2'-deoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution	85
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> ·K	Adenosine 5'-diphosphate potassium salt	23		8-Azidoadenosine 5'-triphosphate tetralithium salt	79
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> NaO <sub>10</sub> P <sub>2</sub>	Adenosine 5'-diphosphate monosodium salt	23	C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> ·xNa	Adenosine 5'-triphosphate trisodium salt	27
C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>11</sub> P <sub>2</sub>	Thymidine-3',5'-diphosphate disodium salt	362	C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>14</sub> P <sub>3</sub> Br·xNa	8-Bromoguanosine-5'-triphosphate sodium salt - 10 mM aqueous solution	127
C <sub>10</sub> H <sub>14</sub> ClFN <sub>5</sub> O <sub>12</sub> P <sub>3</sub>	Clofarabine 5'-triphosphate triethylammonium salt	154	C <sub>10</sub> H <sub>15</sub> N <sub>4</sub> O <sub>15</sub> P <sub>3</sub>	Xanthosine-5'-triphosphate triethylammonium salt - 100 mM aqueous solution	384
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub> ·Na <sub>2</sub>	2'-Deoxyadenosine-5'-triphosphate disodium salt	172	C <sub>10</sub> H <sub>16</sub> N <sub>4</sub> O <sub>3</sub>	3'-Amino-2',3'-dideoxy-5'-methylcytidine aqueous solution	51
C <sub>10</sub> H <sub>14</sub> MgN <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	Adenosine 5'-triphosphate magnesium salt	27	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>5</sub>	5,6-Dihydrothymidine	248
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>13</sub> P <sub>3</sub>	Adenosine 5'-triphosphate disodium salt hydrate	26	C <sub>10</sub> H <sub>16</sub> N <sub>3</sub> O <sub>5</sub> P	5-Methylcytidine-5'-monophosphate	313
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>14</sub> P <sub>3</sub> Na <sub>2</sub>	Guanosine 5'-triphosphate disodium salt	285	C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P·H <sub>2</sub> O	Adenosine 5'-monophosphate monohydrate	24
C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> Na <sub>3</sub>	5'-DTP Na <sub>3</sub>	266	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>10</sub> P <sub>2</sub>	2'-Deoxyuridine-5'-[(a,b)-methylene]diphosphate sodium salt - 10mM aqueous solution	224
C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·3Na	Thymidine-5'-triphosphate trisodium salt	365	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>11</sub> P <sub>2</sub> ·xNa	Thymidine-3',5'-diphosphate sodium salt	363
C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>14</sub> P <sub>3</sub> ·Li <sub>4</sub>	3'-O-Methylcytidine 5'-triphosphate lithium salt	314	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>11</sub> P <sub>3</sub> ·xLi	2',3'-Dideoxyadenosine-5'-triphosphate lithium salt	239
C <sub>10</sub> H <sub>15</sub> N <sub>7</sub> O <sub>2</sub>	3',5'-Diamino-3',5'-dideoxyadenosine	231		2',3'-Dideoxyguanosine-5'-O-(1-thiotriphosphate)	243
	2,6-Diamino-9-(3'-amino-2',3'-dideoxy-b-D-ribofuranosyl)purine	230		2'-Deoxyadenosine-5'-O-(1-thiotriphosphate) lithium salt - 100 mM aqueous solution	172
	3'-Amino-2',3'-dideoxy-2,6-diaminopurine riboside	50	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub>	dATP - 100 mmol solution	163
C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> S	4-(Isobutylamino)-2-(Methylthio)Pyrimidine-5-Carboxylic Acid	295	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub>	2',3'-Dideoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution	243
C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>3</sub>	2',3'-Dideoxy-5'-methylcytidine	245	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub> ·xLi	2'-Deoxyguanosine-5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution	206
C <sub>10</sub> H <sub>15</sub> N <sub>7</sub> O <sub>3</sub>	2,6-Diamino-9-(2'-amino-2'-deoxy-b-D-ribofuranosyl)purine	230		Adenosine-5'-O-(1-thiotriphosphate) lithium salt - 100 mM aqueous solution	26
C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub>	2'-Deoxy-5'-methylisocytidine	216	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	2'-Deoxyguanosine-5'-triphosphate sodium salt - 100mmol solution	206
	3'-Deoxy-3'-C-methylcytidine	215		3'-Azido-2',3'-dideoxythymidine-5'-triphosphate lithium salt - 100 mM aqueous solution	91
	2'-Deoxy-N4-methylcytidine	214		3'-Azido-3'-deoxythymidine-5'-triphosphate lithium salt - 100mM aqueous solution	87
	2'-Deoxy-5'-methylcytidine	214	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	2-Amino-9-(b-D-ribofuranosyl)purine 5'-O-triphosphate - 10mM aq. solution	62
	Carbodiene	136	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> S	6-Thioguanosine-5'-O-triphosphate sodium salt	359
	5'-Amino-5'-deoxythymidine	49	C <sub>10</sub> H <sub>12</sub> Li <sub>4</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> S	Guanosine 5'-[γ-thio]triphosphate tetralithium salt	286
	3'-Amino-3'-deoxythymidine	49	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> S·4Li	Guanosine 5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution	285
	4-Amino-5-(2'-deoxy-b-D-ribofuranosyl)-1-methyl-2(1H)-pyrimidinone	48	C <sub>10</sub> H <sub>16</sub> FN <sub>2</sub> O <sub>14</sub> P <sub>3</sub>	2'-Deoxy-2'-fluoro-2'-C-methyluridine 5'-triphosphate sodium salt	200
C <sub>10</sub> H <sub>15</sub> N <sub>7</sub> O <sub>4</sub>	5'-Hydrazino-5'-deoxyguanosine	288	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>14</sub> P <sub>3</sub>	Guanosine 5'-triphosphate	285
	2-Hydrazinoadenosine	288		4-Azidothymidine 5-triphosphate	92
C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub>	N4-Methylcytidine	316	C <sub>10</sub> H <sub>16</sub> N <sub>5</sub> O <sub>14</sub> P <sub>3</sub> ·xNa	Guanosine 5'-triphosphate sodium salt hydrate	285
	N3-Methylcytidine	315	C <sub>10</sub> H <sub>16</sub> NO <sub>15</sub> P <sub>3</sub> ·xNa	3-Deazaridine-5'-triphosphate sodium salt	170
	5-Methylcytidine	315	C <sub>10</sub> H <sub>17</sub> NO <sub>7</sub>	5,6-Dihydro-5-azacytidine acetate	247
	3'-O-Methylcytidine	315	C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>11</sub> P <sub>2</sub>	2'-C-Methylcytidine 5'-diphosphate triethylammonium salt	313
	2'-O-Methylcytidine	315		3'-Amino-2',3'-dideoxyadenosine-5'-triphosphate lithium salt - 100 mM aqueous solution	50
	2'-C-Methylcytidine	315	C <sub>10</sub> H <sub>17</sub> ClN <sub>5</sub> O <sub>12</sub> P <sub>3</sub>	2-Amino-6-chloro-9-(2'-deoxy-b-D-ribofuranosyl)purine-5'-triphosphate	41
	5-Hydroxymethyl-2'-deoxycytidine	290			
	3'-O-Aminothymidine	63			
C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub> ·H <sub>2</sub> O	2'-Deoxyguanosine monohydrate	205			
C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub> S·xH <sub>2</sub> O	6-Thioguanosine	360			
C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub>	5-Hydroxymethylcytidine	289			
C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>5</sub> ·H <sub>2</sub> O	Isoguanosine hydrate	298			
	Guanosine	286			
C <sub>10</sub> H <sub>15</sub> N <sub>2</sub> O <sub>6</sub> P	Thymidine-5'-monophosphate	364			
C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub>	Adenosine 5'-diphosphate	24			
C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> ·2Na	Adenosine 3',5'-diphosphate disodium salt	23			
C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> S	6-Thioguanosine-5'-O-diphosphate	359			
C <sub>10</sub> H <sub>11</sub> Li <sub>4</sub> N <sub>5</sub> O <sub>11</sub> P <sub>2</sub>	Guanosine 3',5'-diphosphate tetralithium salt	283			
C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>11</sub> P <sub>2</sub> ·xNa	Guanosine 5'-diphosphate sodium salt	283			
C <sub>10</sub> H <sub>15</sub> N <sub>6</sub> O <sub>11</sub> P <sub>2</sub> ·xLi	3'-Azido-2',3'-dideoxyadenosine-5'-triphosphate lithium salt - 100 mM aqueous solution	89			

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C <sub>10</sub> H <sub>17</sub> N <sub>6</sub> O <sub>12</sub> P <sub>3</sub> ·xLi	3'-Amino-2',3'-dideoxyguanosine-5'-triphosphate lithium salt - 100 mM aqueous solution	51
C <sub>10</sub> H <sub>17</sub> N <sub>6</sub> O <sub>12</sub> P <sub>3</sub>	3'-O-Amino-2'-deoxyadenosine 5'-triphosphate	44
C <sub>10</sub> H <sub>17</sub> N <sub>6</sub> O <sub>12</sub> P <sub>3</sub>	2'-Amino-2'-deoxyadenosine-5'-triphosphate	44
C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>13</sub> P <sub>3</sub>	2'-Deoxyuridine-5'-[(a,b)-methylene]triphosphate sodium salt - 10 mM aqueous solution	224
C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>13</sub> P <sub>3</sub> ·xLi	3'-Deoxythymidine-5'-triphosphate lithium salt - 100mM aqueous solution	222
C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>13</sub> P <sub>3</sub>	2'-Deoxy-2'-fluoro-5-methylcytidine 5'-triphosphate	199
C <sub>10</sub> H <sub>17</sub> N <sub>6</sub> O <sub>13</sub> P <sub>3</sub>	8-Aminoadenosine-5'-triphosphate sodium salt - 10mM aqueous solution	33
	8-Aminoadenosine-5'-triphosphate lithium salt - 100mM aqueous solution	33
C <sub>10</sub> H <sub>17</sub> N <sub>6</sub> O <sub>13</sub> P <sub>3</sub> ·xNa	Guanosine-5'-[(b,gamma)-imido]triphosphate sodium salt	284
C <sub>10</sub> H <sub>17</sub> N <sub>6</sub> O <sub>13</sub> P <sub>3</sub> Li <sub>4</sub>	2'-Amino-2'-deoxyguanosine-5'-triphosphate tetralithium salt	46
C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>13</sub> P <sub>3</sub> S·xLi	Thymidine-5'-O-(1-thiotriphosphate) lithium salt - 100mM aqueous solution	364
C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·xLi	Thymidine 5'-triphosphate lithium salt - 100mM aqueous solution	364
C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·xNa	Thymidine-5'-triphosphate sodium salt - 100mM aqueous solution	365
C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>13</sub> P <sub>2</sub> S·xLi·yH <sub>2</sub> O	3'-Phosphoadenosine-5'-phosphosulfate lithium salt hydrate	340
C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>15</sub> P <sub>3</sub> ·xLi	2'-O-Methyluridine-5'-triphosphate lithium salt - 100mM aqueous solution	326
C <sub>10</sub> H <sub>17</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub> ·xNa	2'-O-Methyluridine-5'-triphosphate sodium salt - 100mM aqueous solution	327
C <sub>10</sub> H <sub>17</sub> N <sub>5</sub> O <sub>17</sub> P <sub>4</sub> ·xLi	Guanosine 3',5'-bisdiphosphate lithium salt - 100mM aqueous solution	282
C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> ·HI	2'-Deoxy-N3-methylcytidine hydroiodide salt	214
C <sub>10</sub> H <sub>18</sub> N <sub>3</sub> O <sub>13</sub> P <sub>3</sub>	2'-Deoxy-5-methylcytidine-5'-triphosphate sodium salt - 10 mM aqueous solution	214
	2'-Deoxy-N4-methylcytidine 5'-triphosphate lithium salt - 100 mM aqueous solution	214
	3'-Amino-2',3'-dideoxythymidine-5'-triphosphate lithium salt - 100 mM aqueous solution	52
C <sub>10</sub> H <sub>18</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> ·xLi	2'-O-Methylguanosine 5'-triphosphate lithium salt - 100mM aqueous solution	317
C <sub>10</sub> H <sub>18</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub>	N4-Methylcytidine 5'-triphosphate triethylammonium salt	315
C <sub>10</sub> H <sub>18</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> ·xLi	5-Methylcytidine-5'-triphosphate lithium salt - 100 mM solution in H <sub>2</sub> O	314
	2'-O-Methylcytidine 5'-triphosphate lithium salt - 100mM aqueous solution	314
C <sub>10</sub> H <sub>18</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub>	2'-Deoxy-5-hydroxymethylcytidine-5'-triphosphate lithium salt - 100 mM aqueous solution	207
C <sub>10</sub> H <sub>18</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> ·Na	2'-O-Methylguanosine-5'-triphosphate sodium salt - 100mM aqueous solution	318
C <sub>10</sub> H <sub>18</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> ·xNa	5-Methylcytidine-5'-triphosphate sodium salt - 100mM aqueous solution	314
	2'-O-Methylcytidine-5'-triphosphate sodium salt - 100mM aqueous solution	314
C <sub>10</sub> H <sub>12</sub> H <sub>2</sub> O <sub>4</sub>	2-Azidoadenosine	80
C <sub>11</sub> H <sub>8</sub> F <sub>3</sub> N <sub>3</sub>	2-Amino-4-phenyl-6-(trifluoromethyl)pyrimidine	60
C <sub>11</sub> H <sub>10</sub> N <sub>2</sub>	N-Phenylpyridin-4-amine	340
C <sub>11</sub> H <sub>10</sub> ClN <sub>3</sub>	2-Aminoperimidine hydrochloride	60
C <sub>11</sub> H <sub>10</sub> N <sub>2</sub> S	4-Methyl-6-phenyl-pyrimidine-2-thiol	322
C <sub>11</sub> H <sub>10</sub> N <sub>2</sub> OS	4-(4-Methoxyphenyl)-2-pyrimidinethiol	308
C <sub>11</sub> H <sub>10</sub> N <sub>2</sub> OS	6-Benzyl-2-thiouracil	118
C <sub>11</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub>	5-Ethynyl-1-(b-D-ribofuranosyl)-imidazo-4-carbonitrile	272
C <sub>11</sub> H <sub>11</sub> N <sub>3</sub> O <sub>6</sub>	7-Deaza-2'-C-methylinosine	169
C <sub>11</sub> H <sub>12</sub> ClN <sub>3</sub> O <sub>4</sub>	6-Chloro-7-deaza-9-(b-D-ribofuranosyl)purine	141
C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>	5-Fluoro-1-(2',3'-dideoxy-2',3'-didehydro-5'-O-acetyl-b-L-ribofuranosyl)-uracil	277
	5-Ethynyl-2'-deoxyuridine	272
C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub>	5-Ethynyluridine	273
C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>7</sub>	2,2'-Anhydro-6-methoxycarbonyl-b-D-arabinofuranosyl uracil	68

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C <sub>11</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>6</sub> O	(1S,4R)-4-(2-Amino-6-chloro-9H-purin-9-yl)-2-cyclopentene-1-methanol hydrochloride	42
C <sub>11</sub> H <sub>13</sub> IN <sub>4</sub> O <sub>2</sub>	7-Deaza-2',3'-dideoxy-7-iodoadenosine	168
C <sub>11</sub> H <sub>13</sub> N <sub>5</sub> O <sub>2</sub>	Carbovir	136
C <sub>11</sub> H <sub>13</sub> ClN <sub>4</sub> O <sub>3</sub>	7-Deaza-4-Cl-2'-deoxyguanosine	165
C <sub>11</sub> H <sub>13</sub> N <sub>4</sub> O <sub>3</sub> Li	7-Deaza-2',3'-dideoxy-7-iodoguanosine	168
C <sub>11</sub> H <sub>13</sub> IN <sub>4</sub> O <sub>3</sub>	7-Deaza-2'-deoxy-7-iodoadenosine	167
C <sub>11</sub> H <sub>13</sub> N <sub>5</sub> O <sub>3</sub>	2'-Deoxy-2'-methyleneadenosine	215
C <sub>11</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub>	N4-Etheno 2'-deoxycytidine	270
	7-Deaza-2'-deoxyinosine	166
C <sub>11</sub> H <sub>13</sub> ClN <sub>4</sub> O <sub>4</sub>	6-Chloro-9-(2-C-methyl-beta-D-ribofuranosyl)-9H-purine	150
	2-Chloro-3-deazaadenosine	141
C <sub>11</sub> H <sub>13</sub> IN <sub>4</sub> O <sub>4</sub>	7-Deaza-7-iodoadenosine	169
	7-Deaza-2'-deoxy-7-iodoguanosine	167
C <sub>11</sub> H <sub>13</sub> NO <sub>5</sub>	4',5'-Didehydro-5'-deoxy-2'-O-methyluridine	238
C <sub>11</sub> H <sub>13</sub> BrN <sub>2</sub> O <sub>5</sub>	5-(E)-(2-Bromovinyl)-2'-deoxyuridine	129
C <sub>11</sub> H <sub>13</sub> N <sub>2</sub> O <sub>5</sub> D <sub>3</sub>	5'-O-Methyl-D3-thymidine	326
C <sub>11</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>	N4-Ethenocytidine	269
	7-Deaza-2'-deoxyxanthosine	167
C <sub>11</sub> H <sub>13</sub> F <sub>2</sub> N <sub>3</sub> O <sub>5</sub>	5'-O-Acetyl-2'-deoxy-2',2'-difluorocytidine	14
C <sub>11</sub> H <sub>13</sub> ClN <sub>4</sub> O <sub>5</sub>	2-Chloro-6-O-methylinosine	149
C <sub>11</sub> H <sub>13</sub> N <sub>5</sub> O <sub>5</sub>	1-(2'-O-4-C-Methylene-b-D-ribofuranosyl)guanine	317
	N6-Formyl-adenosine	280
C <sub>11</sub> H <sub>13</sub> NO <sub>6</sub>	Nicotinic acid riboside	335
C <sub>11</sub> H <sub>13</sub> N <sub>5</sub> O <sub>7</sub> P·Na	N2-Methylguanosine-3',5'-cyclic monophosphate	317
C <sub>11</sub> H <sub>14</sub> N <sub>2</sub> O	2-Cyclohexyl-5-pyrimidinecarbaldehyde	158
C <sub>11</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub>	7-Deaza-2',3'-dideoxyadenosine	167
C <sub>11</sub> H <sub>14</sub> N <sub>4</sub> O <sub>3</sub>	6-Methylpurine-2'-deoxyriboside	323
	7-Deaza-2',3'-dideoxyguanosine	168
	7-Deaza-2'-deoxyadenosine	165
	3-Deaza-2'-Deoxyadenosine	165
C <sub>11</sub> H <sub>14</sub> FN <sub>3</sub> O <sub>4</sub>	5'-O-Acetyl-2',3'-dideoxy-3'-fluoro-cytidine	17
C <sub>11</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub>	9-(2-C-Methyl-b-D-ribofuranosyl)purine	323
	7-Deaza-2'-deoxyguanosine	166
	7-Deazaadenosine	164
	3-Deazaadenosine	164
	Carbocyclic inosine	136
C <sub>11</sub> H <sub>14</sub> FN <sub>4</sub> O <sub>4</sub>	7-Deaza-2'-deoxy-2'-fluoroguanosine	166
C <sub>11</sub> H <sub>14</sub> FN <sub>5</sub> O <sub>4</sub>	3'-Deoxy-3'-fluoro-2'-C-methylguanosine	200
C <sub>11</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub> S	6-Methylmercapto-9-(b-D-ribofuranosyl)purine	320
C <sub>11</sub> H <sub>14</sub> FN <sub>2</sub> O <sub>5</sub>	N4-Acetyl-2'-deoxy-2'-fluorocytidine	16
C <sub>11</sub> H <sub>14</sub> N <sub>4</sub> O <sub>5</sub>	3'-O-Methylinosine	319
	2'-O-Methylinosine	319
	2'-C-Methylinosine	319
	9-Deazaguanosine	168
	7-Deazaguanosine	168
	3-Deazaguanosine	168
C <sub>11</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P·Na <sub>2</sub>	N6-Methyladenosine-5'-monophosphate sodium salt	309
C <sub>11</sub> H <sub>14</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> Li <sub>4</sub>	3'-O-Methyladenosine 5'-triphosphate lithium salt	309
C <sub>11</sub> H <sub>14</sub> N <sub>5</sub> O <sub>14</sub> P <sub>3</sub> Li <sub>4</sub>	3'-O-Methylguanosine 5'-triphosphate lithium salt	318
C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>3</sub>	3'-Deoxy-2'-O-methyladenosine	213
	2'-Deoxy-N6-methyladenosine	213
	Carbocyclic 2'-deoxyguanosine	136
	Carbocyclic adenosine	135
C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>3</sub> S	2'-Deoxy-6-methylthioguanosine	216
	5'-Deoxy-5'-(methylthio)adenosine	216
C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub>	N6-Methyladenosine	311
	N1-Methyladenosine	311
	C2-Methyladenosine	310
	8-Methyladenosine	310
	3'-O-Methyladenosine	310
	2'-O-Methyladenosine	310
	2'-C-Methyladenosine	310
	3'-Deoxy-3'-methylguanosine	215
	2'-Deoxy-N2-methylguanosine	215
	2'-Deoxy-6-O-methyl-guanosine	215
	2'-Deoxy-2'-methoxyadenosine	213
C <sub>11</sub> H <sub>15</sub> N <sub>2</sub> O <sub>6</sub>	6-Amino-9-(1-deoxy-b-D-psicofuranosyl)purine	48
C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>6</sub> S	7-Methyl-6-thioguanosine inner salt	325
	6-Methyl-thio-guanosine	325
	2-Methylthioadenosine	324

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C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>

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C <sub>11</sub> H <sub>15</sub> BrN <sub>2</sub> O <sub>5</sub>	Nicotinamide riboside bromide	334
C <sub>11</sub> H <sub>15</sub> N <sub>2</sub> O <sub>5</sub> Cl	b-Nicotinamide riboside chloride	334
C <sub>11</sub> H <sub>15</sub> FN <sub>2</sub> O <sub>5</sub>	1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)-5-ethyluracil	193
C <sub>11</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub>	6-(b-D-2-Deoxyribofuranosyl)-3,4-dihydro-8H-pyrimido[4,5-c][1,2]oxazin-7-one	220
	N4-Acetyl-2'-deoxycytidine	13
	3'-O-Acetyl-2'-deoxycytidine	13
C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>5</sub>	Nelarabine	331
	O6-Methylguanosine	319
	N7-Methylguanosine	319
	N2-Methylguanosine	319
	N1-Methylguanosine	319
	3'-O-Methylguanosine	318
	2'-O-Methylguanosine	318
	2'-C-Methylguanosine	318
C <sub>11</sub> H <sub>15</sub> NO <sub>6</sub>	3-Deaza-3'-O-methyluridine	169
	3-Deaza-2'-O-methyluridine	169
C <sub>11</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub>	N4-Acetylcytidine	13
C <sub>11</sub> H <sub>15</sub> N <sub>2</sub> O <sub>5</sub> P	b-Nicotinamide mononucleotide	334
C <sub>11</sub> H <sub>15</sub> N <sub>3</sub> Na <sub>3</sub> O <sub>12</sub> P <sub>3</sub>	2'-Deoxy-N6-methyladenosine 5'-triphosphate sodium salt	213
C <sub>11</sub> H <sub>15</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub>	5-Ethynyluridine-5'-triphosphate sodium salt - 100mM aqueous solution	273
C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>7</sub> HCl	2'-Deoxy-5-methylcytidine HCl	213
C <sub>11</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>4</sub>	2-Amino-6-chloro-7-methyl-9-(b-D-ribofuranosyl)purine	41
C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub> HI	N1-Methyladenosine hydroiodide	308
C <sub>11</sub> H <sub>16</sub> N <sub>6</sub> O <sub>4</sub>	2-Methylaminoadenosine	311
	2,6-Diamino-9-(3'-O-methyl-b-D-ribofuranosyl)purine	232
	2,6-Diamino-9-(2'-O-methyl-b-D-ribofuranosyl)purine	231
	2-Amino-2'-O-methyladenosine	58
C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>5</sub>	N3-Methylthymidine	326
	5'-O-Methylthymidine	326
	2'-Deoxy-5-ethyluridine	190
C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub> HCl	5-Methylcytidine HCl	313
C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>6</sub>	2'-O-Methyl-5-methyluridine	321
	5-Methoxymethyl-2'-deoxyuridine	307
C <sub>11</sub> H <sub>16</sub> N <sub>6</sub> O <sub>5</sub> P	Carbocyclic 2'-deoxyguanosine 5'-triphosphate	136
C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>7</sub>	1-(a-D-Mannopyranosyl)thymine	304
C <sub>11</sub> H <sub>16</sub> N <sub>5</sub> O <sub>7</sub> P	2'-O-Methyladenosine 5'-monophosphate	309
C <sub>11</sub> H <sub>16</sub> N <sub>5</sub> O <sub>7</sub> PS	2-Methylthioadenosine 5'-monophosphate	324
C <sub>11</sub> H <sub>16</sub> N <sub>5</sub> O <sub>8</sub> P	2'-O-Methylguanosine 5'-monophosphate	317
C <sub>11</sub> H <sub>16</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub>	5'-Adenylic acid monoanhydride with (dichlorophosphonomethyl)phosphonic acid	29
C <sub>11</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>	3'-O-Methyl-5-methylcytidine	320
	2'-O-Methyl-5-methylcytidine	320
C <sub>11</sub> H <sub>17</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> ·xNa	a,b-Methyleneguanosine 5'-diphosphate sodium salt	316
C <sub>11</sub> H <sub>17</sub> N <sub>4</sub> O <sub>13</sub> P <sub>3</sub>	2'-Deoxy-7-deazaisoguanosine triphosphate	177
C <sub>11</sub> H <sub>17</sub> N <sub>4</sub> O <sub>13</sub> P <sub>3</sub> ·xLi	7-Deaza-2'-deoxyguanosine-5'-triphosphate lithium salt - 100mM aqueous solution	166
C <sub>11</sub> H <sub>17</sub> N <sub>4</sub> O <sub>13</sub> P <sub>3</sub> ·xNa	7-Deaza-2'-deoxyguanosine-5'-triphosphate sodium salt - 10mM aqueous solution	166
C <sub>11</sub> H <sub>17</sub> N <sub>4</sub> O <sub>13</sub> P <sub>3</sub> S	6-Methylthioinosine-5'-triphosphate sodium salt - 10 mM aqueous solution	325
C <sub>11</sub> H <sub>18</sub> Na <sub>2</sub> N <sub>4</sub> O <sub>11</sub> P <sub>2</sub>	Cytidine 5'-diphosphate ethanolamine disodium salt	160
C <sub>11</sub> H <sub>18</sub> N <sub>5</sub> O <sub>11</sub> P <sub>3</sub> ·xNa	2'-Deoxyadenosine-5'-[(a,b)-methylene]triphosphate sodium salt - 10 mM aqueous solution	171
C <sub>11</sub> H <sub>18</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	N6-Methyladenosine-5'-triphosphate sodium salt - 10 mM aqueous solution	309
C <sub>11</sub> H <sub>18</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> ·xLi	N6-Methyladenosine-5'-triphosphate lithium salt - 100 mM aqueous solution	309
	2'-O-Methyladenosine 5'-triphosphate lithium salt - 100 mM aqueous solution	309
C <sub>11</sub> H <sub>18</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> ·xNa	2'-O-Methyladenosine-5'-triphosphate sodium salt - 100mM aqueous solution	309
	Guanosine-5'-[(b,gamma)-methylene]triphosphate sodium salt	284
C <sub>11</sub> H <sub>18</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> S	2-Methylthioadenosine-5'-triphosphate	324

Formula	Product Name	Page
C <sub>11</sub> H <sub>18</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> S·xNa	6-Methylthioguanosine-5'-triphosphate sodium salt - 10 mM aqueous solution	325
C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub> ·CH <sub>3</sub> SO <sub>3</sub>	N3-Methylcytidine methosulfate	313
C <sub>12</sub> H <sub>9</sub> NO	3-Benzoylpyridine	112
C <sub>12</sub> H <sub>10</sub> N <sub>2</sub> O	2-(2-Methylphenyl)pyrimidine-5-carbaldehyde	321
C <sub>12</sub> H <sub>10</sub> N <sub>4</sub> O	6-Benzoyloxypurine	117
C <sub>12</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>5</sub> P·Na	5,6-Dichloro-(1-b-D-ribofuranosyl) benzimidazole 3',5'-cyclic monophosphothioate, Sp-isomer sodium salt	237
C <sub>12</sub> H <sub>11</sub> N <sub>3</sub> OS	2-Methylsulfanyl-4-phenylamino-pyrimidine-5-carbaldehyde	324
C <sub>12</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>4</sub>	5,6-Dichloro-1-(b-D-ribofuranosyl) benzimidazole	237
	5,6-Dichlorobenzimidazole-1-b-D-ribofuranoside	235
C <sub>12</sub> H <sub>12</sub> N <sub>4</sub> O <sub>4</sub>	2',3'-Dideohydro-2',3'-dideoxy-5'-acetate inosine	238
C <sub>12</sub> H <sub>13</sub> N <sub>5</sub> O <sub>3</sub>	N6-Etheno 2'-deoxyadenosine	270
C <sub>12</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub>	N6-Ethenoadenosine	269
	2'-Deoxy-N2,3-ethenoguanosine	190
C <sub>11</sub> H <sub>13</sub> ClN <sub>4</sub> O <sub>5</sub>	6-Chloropurine-9-b-D-glucoside	151
C <sub>12</sub> H <sub>14</sub> ClN <sub>3</sub> O <sub>4</sub>	4-Chloro-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidine	150
C <sub>12</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub>	5'-O-Acetyl-2',3'-dideoxyinosine	17
C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>	2'-Deoxy-5-propynyluridine	219
C <sub>12</sub> H <sub>14</sub> ClN <sub>2</sub> O <sub>5</sub>	5'-Deoxy-5'-iodo-2',3'-O-isopropylidene-5-chlorouridine	209
	5-Chloro-5'-deoxy-5'-iodo-2',3'-O-isopropylideneuridine	144
C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub>	3'-O-Propargyluridine	344
	2'-O-Propargyluridine	344
	2'-Deoxy-5-propargyloxuridine	219
C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>7</sub>	E-5-(2-Carboxyvinyl)-2'-deoxyuridine	138
C <sub>12</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P	1,N6-Ethenoadenosine-5'-monophosphate sodium salt	269
C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub>	N-Pyrrolo-2'-deoxycytidine	348
	2'-Deoxy-5-propynylcytidine	219
C <sub>12</sub> H <sub>15</sub> ClN <sub>3</sub> O <sub>4</sub>	5-Chloro-5'-deoxy-5'-iodo-2',3'-O-isopropylideneuridine	143
C <sub>12</sub> H <sub>15</sub> FIN <sub>3</sub> O <sub>4</sub>	5'-Deoxy-5-fluoro-5'-iodo-2',3'-O-isopropylideneuridine	198
C <sub>12</sub> H <sub>15</sub> ClN <sub>4</sub> O <sub>4</sub>	5-Chloro-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine	150
	2-Amino-4-chloro-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidine	41
C <sub>12</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub>	4-Amino-6-methyl-8-(2'-deoxy-b-D-ribofuranosyl)-7-pteridine	58
	N6-Acetyl-2'-deoxyadenosine	13
	3'-O-Acetyl-2'-deoxyadenosine	13
C <sub>12</sub> H <sub>15</sub> IN <sub>6</sub> O <sub>4</sub>	5-Ethylcarboxamido-2-iodoadenosine	271
C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub>	3'-O-Propargylcytidine	343
	2'-O-Propargylcytidine	343
C <sub>12</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub> ·H <sub>2</sub> O	Toyocamycin	369
C <sub>12</sub> H <sub>15</sub> N <sub>5</sub> O <sub>5</sub>	3-Methyl-8-(2-deoxy-b-D-ribofuranosyl)isoxanthopterin	316
	5'-O-Acetyladenosine	11
C <sub>12</sub> H <sub>15</sub> ClN <sub>2</sub> O <sub>6</sub>	5-Chloro-2',3'-O-isopropylideneuridine	149
C <sub>12</sub> H <sub>15</sub> FN <sub>2</sub> O <sub>6</sub>	3'-O-Acetyl-2'-deoxy-2'-fluoro-5-methyluridine	16
C <sub>12</sub> H <sub>15</sub> F <sub>3</sub> N <sub>2</sub> O <sub>8</sub> S	b-Nicotinamide riboside triflic acid salt	334
C <sub>12</sub> H <sub>15</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub>	1,N6-Ethenoadenosine-5'-diphosphate, Sodium salt	269
	5-Chloro-5'-deoxy-2',3'-O-isopropylideneuridine	144
C <sub>12</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>4</sub>	5'-Deoxy-5-fluoro-2',3'-O-isopropylideneuridine	199
C <sub>12</sub> H <sub>16</sub> N <sub>4</sub> O <sub>4</sub>	7-Deaza-2'-C-methyladenosine	169
	7-Deaza-2'-deoxy-O6-methylguanosine	167
	7-Deaza-2'-deoxy-6-methoxyguanosine	167
	2-Amino-4-methoxy-7-(2-deoxy-b-D-ribofuranosyl)-pyrrolo[2,3-d]pyrimidine	57
C <sub>12</sub> H <sub>16</sub> NeO <sub>4</sub>	5-Ethylcarboxamidoadenosine	270
	1-[2-(6-Aminopurin-9-yl)-3,4-dihydroxy-5-(hydroxymethyl)pyrrolidin-1-yl]ethanone	61
C <sub>12</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>5</sub>	5-Chloro-2',3'-O-isopropylideneuridine	148
C <sub>12</sub> H <sub>16</sub> FN <sub>3</sub> O <sub>5</sub>	5-Fluoro-2',3'-O-isopropylideneuridine	278
C <sub>12</sub> H <sub>16</sub> N <sub>4</sub> O <sub>5</sub>	7-Deaza-2'-C-methylguanosine	169
C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>6</sub>	2',3'-O-Isopropylideneuridine	300
	3'-O-Allyluridine	32
	2'-O-Allyluridine	32

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C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>6</sub>	3'-O-Acetylthymidine	20
C <sub>12</sub> H <sub>16</sub> N <sub>4</sub> O <sub>6</sub>	1-(a-D-Mannopyranosyl)-6-methoxypurine	304
	5-Aza-3',5'-di-O-acetyl-2'-deoxycytidine	78
C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>7</sub>	5-Acetoxyethyl-2'-deoxyuridine	10
C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub>	5-Methoxycarbonylmethyluridine	306
C <sub>12</sub> H <sub>16</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	1,N6-Ethenoadenosine-5'-triphosphate sodium salt - 10mM aqueous solution	269
C <sub>12</sub> H <sub>15</sub> N <sub>5</sub> O <sub>5</sub> ·xH <sub>2</sub> O	Entecavir hydrate	267
C <sub>12</sub> H <sub>17</sub> N <sub>5</sub> O <sub>4</sub>	6-Dimethylamino-9-(b-D-ribofuranosyl)purine	251
C <sub>12</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>	2',3'-O-Isopropylideneuridine	299
	3'-O-Allylcytidine	31
	2'-O-Allylcytidine	31
	N4-Acetyl-3'-deoxy-3'-C-methylcytidine	17
	N4-Acetyl-2'-deoxy-5-methylcytidine	17
C <sub>12</sub> H <sub>17</sub> N <sub>5</sub> O <sub>5</sub>	N2,N2-Dimethylguanosine	252
C <sub>12</sub> O <sub>9</sub> N <sub>5</sub> H <sub>17</sub>	N2,7-Dimethylguanosine	251
C <sub>12</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub>	1-[2,3-O-Isopropylidene-b-D-ribofuranosyl]-1,2,4-triazole-3-carboxylic acid methyl ester	300
	N4-Acetyl-2'-O-methylcytidine	19
	5-Acetoxyethyl-2'-deoxycytidine	10
C <sub>12</sub> H <sub>15</sub> N <sub>5</sub> O <sub>5</sub> ·xH <sub>2</sub> O	Sangivamycin	353
C <sub>12</sub> H <sub>17</sub> N <sub>4</sub> O <sub>13</sub> P <sub>3</sub> ·4Li	5-Aminoallyl 2'-deoxycytidine-5'-triphosphate lithium salt - 100mM aqueous solution	34
C <sub>12</sub> H <sub>18</sub> N <sub>4</sub> O <sub>4</sub>	5-Aminoallyl-2'-deoxyuridine	35
C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub>	5-Isopropyl-2'-deoxyuridine	298
	2-O-Ethylthymidine	272
C <sub>12</sub> H <sub>18</sub> N <sub>7</sub> O <sub>6</sub> P	8-(2-Aminoethyl)aminoadenosine 3',5'-cyclic monophosphate	53
C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O <sub>7</sub>	2'-O-(2-Methoxyethyl)uridine	307
C <sub>12</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>5</sub> S	5-Trimethylstannyl-1-(2-deoxy-2-fluoro-b-D-arabinofuranosyl)uracil	377
C <sub>12</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>5</sub> Sn	2'-Deoxy-2'-fluoro-5-(trimethylstannyl)uridine-epimer	202
C <sub>12</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub> Sn	5-(Trimethylstannyl)-2'-deoxyuridine	377
C <sub>12</sub> H <sub>20</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub>	5-Aminoallyl 2'-deoxyuridine 5'-triphosphate lithium salt - 100mM aqueous solution	34
C <sub>12</sub> H <sub>20</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> ·xNa	5-Aminoallyl 2'-deoxyuridine 5'-triphosphate sodium salt - 100mM aqueous solution	35
C <sub>12</sub> H <sub>20</sub> N <sub>3</sub> O <sub>15</sub> P <sub>3</sub> ·xNa	5-Aminoallyl uridine 5'-triphosphate sodium salt - 100mM aqueous solution	35
C <sub>12</sub> H <sub>21</sub> N <sub>4</sub> O <sub>14</sub> P <sub>3</sub> ·xLi	5-Aminoallylcytidine 5'-triphosphate lithium salt - 100mM aqueous solution	33
C <sub>13</sub> H <sub>12</sub> ClFN <sub>2</sub>	2-Chloro-4-[2-(4-Fluorophenyl)Ethyl]-6-Methylpyrimidine	146
C <sub>13</sub> H <sub>13</sub> N <sub>3</sub> O <sub>2</sub> S	2-(Methylthio)-4-(P-Tolylamino)Pyrimidine-5-Carboxylic Acid	325
C <sub>13</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub>	7-Deaza-2'-deoxy-7-ethynyladenosine	166
C <sub>13</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub>	7-Deaza-2'-C-ethynyladenosine	168
C <sub>13</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>	1-(2-Deoxy-b-D-ribofuranosyl)-5-nitroindole	220
C <sub>13</sub> H <sub>14</sub> ClN <sub>5</sub> O <sub>5</sub>	5'-Carboxy-2-chloro-2'-3'-O-isopropylideneadenosine	137
C <sub>13</sub> H <sub>14</sub> N <sub>5</sub> O <sub>5</sub>	5'-Carboxy-2-iodo-2',3'-O-isopropylideneadenosine	137
C <sub>13</sub> H <sub>15</sub> ClN <sub>4</sub> O <sub>4</sub>	6-Chloro-9-(2',3'-O-isopropylidene-b-D-ribofuranosyl)purine	148
C <sub>13</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub>	N6-Propargyladenosine	343
	3'-O-Propargyladenosine	343
	2'-O-Propargyladenosine	343
C <sub>13</sub> H <sub>15</sub> N <sub>5</sub> O <sub>5</sub>	3'-O-Propargylguanosine	344
	2'-O-Propargylguanosine	344
	5'-Carboxy-2',3'-O-isopropylideneadenosine	138
C <sub>12</sub> H <sub>15</sub> ClN <sub>4</sub> O <sub>5</sub> S	2-Methylthio-6-chloropurine riboside	324
C <sub>13</sub> H <sub>15</sub> BrN <sub>2</sub> O <sub>7</sub>	3',5'-Di-O-acetyl-5-bromo-2'-deoxyuridine	227
C <sub>13</sub> H <sub>15</sub> ClN <sub>2</sub> O <sub>7</sub>	3',5'-Di-O-acetyl-5-chloro-2'-deoxyuridine	227
C <sub>13</sub> H <sub>15</sub> FN <sub>2</sub> O <sub>7</sub>	3',5'-Di-O-acetyl-2'-deoxy-5-fluorouridine	228
	3',5'-Di-O-acetyl-2'-deoxy-2'-fluorouridine	228
C <sub>13</sub> H <sub>15</sub> N <sub>2</sub> O <sub>7</sub>	3',5'-Di-O-acetyl-2'-deoxy-5-iodouridine	228
C <sub>13</sub> H <sub>15</sub> Ba <sub>2</sub> N <sub>4</sub> O <sub>12</sub> P	N-Succinyl-5-aminoimidazole-4-carboxamide ribose 5'-phosphate dibarium salt	354
C <sub>13</sub> H <sub>16</sub> N <sub>6</sub> O <sub>3</sub>	5'-Azido-5'-deoxy-2',3'-O-isopropylideneadenosine	86
C <sub>13</sub> H <sub>16</sub> ClN <sub>5</sub> O <sub>4</sub>	2-Chloro-2',3'-O-isopropylideneadenosine	148
C <sub>13</sub> H <sub>16</sub> N <sub>6</sub> O <sub>4</sub>	2-Iodo-2',3'-O-isopropylideneadenosine	295

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C <sub>13</sub> H <sub>16</sub> N <sub>6</sub> O <sub>4</sub>	Triciribine	375
	5'-(N-Cyclopropyl)carboxamidoadenosine	158
C <sub>13</sub> H <sub>16</sub> N <sub>4</sub> O <sub>4</sub> S	2',3'-O-Isopropylidene-6-thioinosine	300
C <sub>13</sub> H <sub>16</sub> N <sub>4</sub> O <sub>5</sub>	2',3'-O-Isopropylideneinosine	299
C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub>	2'-O-Methyl-5-propynyluridine	322
C <sub>13</sub> H <sub>16</sub> FN <sub>3</sub> O <sub>6</sub>	2',3'-Di-O-acetyl-5'-deoxy-5-fluorocytidine	227
C <sub>13</sub> H <sub>16</sub> N <sub>4</sub> O <sub>6</sub>	4-Amino-7-(2-C-methyl-b-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidine-5-carboxylic acid	59
C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> O <sub>7</sub>	5-(4-Hydroxybutyl-1-yl)uridine	289
	3',5'-Di-O-acetyl-2'-deoxy-D-uridine	228
	E-5-(2-Carbomethoxyvinyl)-2'-deoxyuridine	136
C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub>	2',3'-Di-O-acetyl-D-uridine	229
C <sub>13</sub> H <sub>16</sub> N <sub>4</sub> O <sub>9</sub> Na <sub>2</sub>	N-Succinyl-5-aminoimidazole-4-carboxamide ribose disodium salt	354
C <sub>13</sub> H <sub>17</sub> N <sub>5</sub> O <sub>4</sub>	2',3'-O-Isopropylideneadenosine	299
	2-(2-Deoxy-b-D-ribofuranosyl)-2,3,8,9-tetrahydro-7-oxa-2,3,5,6-tetraazabenz[cd]azulene-4-amine	221
	3'-Deoxy-N6-propionyladenosine	219
	4-Amino-2,6-dimethyl-8-(2'-deoxy-b-D-ribofuranosyl)-7-pteridone	53
	3'-O-Allylguanosine	31
	2'-O-Allylguanosine	31
C <sub>13</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>	2'-O-Methyl-5-propynylcytidine	322
C <sub>13</sub> H <sub>17</sub> N <sub>5</sub> O <sub>5</sub>	2',3'-O-Isopropylideneadenosine	299
	3'-O-Allylguanosine	32
	2'-O-Allylguanosine	32
C <sub>13</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub>	3'-O, N4-Diacetyl-2'-deoxycytidine	330
C <sub>13</sub> H <sub>17</sub> N <sub>5</sub> O <sub>6</sub>	8-(Allyloxy)guanosine	32
	7-Allyl-7,8-dihydro-8-oxoguanosine	32
C <sub>13</sub> H <sub>17</sub> N <sub>6</sub> O <sub>6</sub> P	Tricyclic nucleoside phosphate	375
C <sub>13</sub> H <sub>18</sub> N <sub>6</sub> O <sub>4</sub>	2'-Deoxy-N2-DMF-guanosine	181
C <sub>13</sub> H <sub>18</sub> N <sub>6</sub> O <sub>5</sub>	N2-DMF-guanosine	254
C <sub>13</sub> H <sub>18</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	N6-Propargyladenosine-5'-triphosphate sodium salt	343
	Adenosine 5'-[(propargyl)]triphosphate sodium salt	26
C <sub>13</sub> H <sub>19</sub> N <sub>5</sub> O <sub>4</sub>	2'-Deoxy-N2-isopropylguanosine	212
C <sub>13</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub>	2'-Deoxy-N2-isobutyluridylyl	211
	2'-Deoxy-N2-isobutyluridylyl-a-cytidine	210
C <sub>13</sub> H <sub>19</sub> N <sub>5</sub> O <sub>5</sub>	N2,N2,7-Trimethylguanosine	376
	2'-O-(2-Methoxyethyl)adenosine	306
C <sub>13</sub> H <sub>19</sub> N <sub>5</sub> O <sub>6</sub>	2'-O-(2-Methoxyethyl)guanosine	306
C <sub>13</sub> H <sub>20</sub> N <sub>2</sub> O <sub>7</sub>	2'-O-(2-Methoxyethyl)-5-methyluridine	307
C <sub>13</sub> H <sub>21</sub> N <sub>3</sub> O <sub>6</sub>	2'-O-(2-Methoxyethyl)-5-methylcytidine	307
C <sub>13</sub> H <sub>22</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub>	3'-O-[(Propan-2-ylidene)amino]thymidine 5'-triphosphate	343
C <sub>14</sub> H <sub>11</sub> N	2-Methyl-6-(phenylethynyl)pyridine	321
C <sub>14</sub> H <sub>16</sub> N <sub>6</sub> O <sub>2</sub>	Abacavir carboxylate	9
C <sub>14</sub> H <sub>17</sub> NO <sub>3</sub>	1-(2-Deoxy-b-D-ribofuranosyl)-4-methylindole	220
C <sub>14</sub> H <sub>17</sub> N <sub>5</sub> O <sub>6</sub>	3',5'-Di-O-acetyl-2'-deoxyguanosine	228
	2',3'-Di-O-acetyladenosine	226
C <sub>14</sub> H <sub>17</sub> N <sub>5</sub> O <sub>6</sub>	N6-Succinyl adenosine	354
C <sub>14</sub> H <sub>17</sub> N <sub>3</sub> O <sub>9</sub>	2',3',5'-Tri-O-acetyl-6-azauridine	369
C <sub>14</sub> H <sub>18</sub> N <sub>6</sub> O	ent-abacavir	267
	Abacavir	9
C <sub>14</sub> H <sub>18</sub> FN <sub>5</sub> O <sub>5</sub>	2'-Deoxy-N2-isobutyluridylyl-2'-fluoroguanosine	211
	2'-Deoxy-2'-fluoro-N2-isobutyluridylylguanosine	198
C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>7</sub>	5'-O-Levulinoylthymidine	303
	3'-O-Levulinoylthymidine	303
C <sub>14</sub> H <sub>18</sub> N <sub>4</sub> O <sub>8</sub>	2',3',5'-Triacetyl-azacytidine	369
C <sub>14</sub> H <sub>19</sub> ClN <sub>2</sub> O	trans-Abacavir hydrochloride	9
C <sub>14</sub> H <sub>19</sub> N <sub>5</sub> O <sub>4</sub>	2',3'-Dideoxy-N2-isobutyluridylylguanosine	245
C <sub>14</sub> H <sub>19</sub> N <sub>6</sub> O <sub>4</sub> P	Abacavir 5'-phosphate	9
C <sub>14</sub> H <sub>19</sub> N <sub>5</sub> O <sub>5</sub>	2'-Deoxy-N2-isobutyluridylylguanosine	211
C <sub>14</sub> H <sub>19</sub> N <sub>5</sub> O <sub>6</sub>	N2-Isobutyluridylylguanosine	296
	N2-Isobutyluridylyl-9-(b-D-arabinofuranosyl)guanine	296
C <sub>14</sub> H <sub>20</sub> N <sub>6</sub> O <sub>4</sub>	N2-isobutyluridylyl-7-OH-Morpholino guanosine	297
C <sub>14</sub> H <sub>20</sub> N <sub>6</sub> O <sub>5</sub>	N2-DMF-2'-O-methylguanosine	254
	N2-DMF-2'-O-methylguanosine	254
C <sub>14</sub> H <sub>18</sub> N <sub>6</sub> O·½H <sub>2</sub> SO <sub>4</sub>	Abacavir sulfate	9
C <sub>14</sub> H <sub>20</sub> N <sub>6</sub> O <sub>5</sub> ·2H <sub>2</sub> O	S-(5'-Adenosyl)-L-homocysteine dihydrate	178
C <sub>14</sub> H <sub>22</sub> N <sub>4</sub> O <sub>5</sub> ·2HCl	2'-Deoxy-L-cytidine 3'-O-L-valinyl ester 2HCl	28
C <sub>14</sub> H <sub>26</sub> N <sub>4</sub> O <sub>1</sub> P <sub>2</sub> ·Na	Citicoline sodium salt	153



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C<sub>15</sub>H<sub>19</sub>N<sub>3</sub>O<sub>8</sub>-HCl

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C <sub>14</sub> H <sub>28</sub> N <sub>4</sub> O <sub>12</sub> P <sub>2</sub>	Uridine 5'-diphosphate choline ammonium salt	380	C <sub>9</sub> H <sub>13</sub> FN <sub>2</sub> O <sub>14</sub> P <sub>3</sub> ·C <sub>6</sub> H <sub>16</sub> N	1-(2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)uracil	194
C <sub>15</sub> H <sub>14</sub> N <sub>4</sub> O	Nevirapine	331	C <sub>9</sub> H <sub>16</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> ·C <sub>6</sub> H <sub>15</sub> N	5'-triphosphate triethylammonium salt	298
C <sub>15</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub> De	N6-Isopentenyladenosine-D6	298	C <sub>15</sub> H <sub>9</sub> CIN <sub>4</sub> S	Isocytidine triphosphate triethylamine salt	117
C <sub>15</sub> H <sub>15</sub> F <sub>4</sub> N <sub>5</sub> O <sub>6</sub> S	3',5'-Di-O-acetyl-2-fluoro-2'-O-trifluoromethanesulfonyl-adenosine	229	C <sub>16</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub>	2-Benzylthio-6-chloropurine	94
C <sub>15</sub> H <sub>16</sub> IN <sub>3</sub> O <sub>7</sub>	5-Iodo-1-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)-imidazo-4-carbonitrile	295	C <sub>16</sub> H <sub>14</sub> CIN <sub>5</sub> O <sub>6</sub> PS <sub>2</sub> ·Na	5'-O-Benzoyl-2,2'-anhydrouridine	151
C <sub>15</sub> H <sub>17</sub> N <sub>5</sub> O <sub>5</sub>	Kinetin riboside	301	C <sub>16</sub> H <sub>14</sub> CIN <sub>5</sub> O <sub>7</sub> PS·Na	8-(4-Chlorophenylthio)guanosine 3',5'-cyclic monophosphate sodium salt	151
C <sub>15</sub> H <sub>18</sub> NaO <sub>5</sub>	Regadenosin	348	C <sub>16</sub> H <sub>15</sub> FN <sub>2</sub> O <sub>5</sub>	8-(4-Chlorophenylthio)guanosine 3',5'-cyclic monophosphate sodium salt	107
C <sub>15</sub> H <sub>18</sub> NaO <sub>7</sub>	5-Amino-1-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)-imidazole-4-carbonitrile	63	C <sub>16</sub> H <sub>15</sub> N <sub>5</sub> O <sub>5</sub>	5'-O-Benzoyl-2,3'-dideoxy-3'-fluorouridine	82
C <sub>15</sub> H <sub>18</sub> N <sub>2</sub> O <sub>9</sub>	2',3',5'-Tri-O-acetyluridine	372	C <sub>16</sub> H <sub>15</sub> CIN <sub>5</sub> O <sub>6</sub> PS	3'-Azido-5'-O-benzoyl-2,3'-dideoxyuridine	151
C <sub>15</sub> H <sub>16</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>8</sub> P·H <sub>2</sub> O	Kinetin riboside-5'-monophosphate sodium salt	301	C <sub>16</sub> H <sub>15</sub> Na <sub>3</sub> O <sub>13</sub> P	8-(4-Chlorophenylthio)adenosine 3',5'-cyclic monophosphate	377
C <sub>15</sub> H <sub>19</sub> CIN <sub>6</sub> O <sub>4</sub>	2-Chloro-5'-N-ethylcarboxamide-2',3'-O-isopropylidene adenosine	145	C <sub>16</sub> H <sub>16</sub> BN <sub>5</sub> O <sub>4</sub>	2',3'-O-Trinitrophenyl-adenosine-5'-monophosphate triethylammonium salt	26
C <sub>15</sub> H <sub>19</sub> N <sub>6</sub> O <sub>5</sub>	5'-Ethylcarboxamido-2-iodo-2',3'-O-isopropylideneadenosine	271	C <sub>16</sub> H <sub>16</sub> Ne <sub>6</sub> O	Adenosine 2',3'-O-phenylboronate	81
C <sub>15</sub> H <sub>19</sub> N <sub>5</sub> O <sub>5</sub>	5'-O-Acetyl-2',3'-O-isopropylideneadenosine	19	C <sub>16</sub> H <sub>16</sub> N <sub>2</sub> O <sub>5</sub>	3'-Azido-N4-benzoyl-2,3'-dideoxycytidine	115
C <sub>15</sub> H <sub>19</sub> N <sub>3</sub> O <sub>7</sub>	3',5'-Di-O-acetyl-N4-acetyl-2'-deoxycytidine	226	C <sub>16</sub> H <sub>16</sub> FN <sub>3</sub> O <sub>5</sub>	5'-O-Benzyl-2,2'-anhydrouridine	104
C <sub>15</sub> H <sub>19</sub> NaO <sub>8</sub> ·Na	N6-Carbamoylthreonyl-adenosine sodium salt	135	C <sub>16</sub> H <sub>16</sub> ClIN <sub>4</sub> O <sub>7</sub>	N4-Benzoyl-2'-deoxy-2'-fluorocytidine	104
C <sub>15</sub> H <sub>19</sub> BRN <sub>3</sub> NaO <sub>13</sub> P <sub>2</sub>	8-Bromocyclic adenosine diphosphate ribose sodium salt	123	C <sub>16</sub> H <sub>16</sub> N <sub>2</sub> O <sub>6</sub>	N4-Benzoyl-1-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)cytosine	107
C <sub>15</sub> H <sub>20</sub> N <sub>6</sub> O <sub>4</sub>	5'-Ethylcarboxamido-2',3'-O-isopropylideneadenosine	271	C <sub>16</sub> H <sub>16</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>7</sub>	5'-O-Benzoyl-2'-deoxyuridine	238
C <sub>15</sub> H <sub>20</sub> N <sub>2</sub> O <sub>7</sub>	2'-Deoxy-3'-O-levulinoylthymidine	212	C <sub>16</sub> H <sub>16</sub> CIN <sub>4</sub> O <sub>7</sub>	2,6-Dichloro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	148
C <sub>15</sub> H <sub>20</sub> N <sub>4</sub> O <sub>8</sub>	5-Amino-1-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)-imidazole-4-carboxamide	63	C <sub>16</sub> H <sub>16</sub> Na <sub>6</sub> O <sub>16</sub> P <sub>2</sub>	6-Chloro-2-iodo-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	148
C <sub>15</sub> H <sub>20</sub> Na <sub>3</sub> O <sub>13</sub> P <sub>2</sub>	8-Azidocyclic adenosine diphosphate ribose	83	C <sub>16</sub> H <sub>16</sub> Na <sub>6</sub> O <sub>16</sub> P <sub>2</sub>	6-Chloro-2-iodo-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	377
C <sub>15</sub> H <sub>20</sub> Na <sub>4</sub> O <sub>14</sub> P <sub>2</sub>	Cyclic inosine diphosphate ribose	157	C <sub>16</sub> H <sub>17</sub> N <sub>5</sub> O <sub>4</sub> S	2',3'-O-Trinitrophenyl-adenosine-5'-diphosphate triethylammonium salt	347
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>4</sub>	6-(3,3-Dimethylallylamino)-9-(b-D-ribofuranosyl)purine	251	C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>	6-(2-Pyridylmethylthio)-9-(b-D-ribofuranosyl)purine	98
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>5</sub>	N(6)-Cyclopentyladenosine	158	C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub>	N4-Benzoyl-3'-deoxycytidine	98
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>5</sub>	Zeatin riboside	385	C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub>	N4-Benzoyl-2'-deoxycytidine	97
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>5</sub>	trans-Zeatin riboside	385	C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub>	N4-Benzoyl-2'-deoxy-a-cytidine	96
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>5</sub>	N6-Isobutyl-2'-O-methyladenosine	297	C <sub>16</sub> H <sub>17</sub> CIN <sub>4</sub> O <sub>7</sub>	N4-Benzoyl-L-cytidine	372
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>6</sub>	1,5-Anhydro-2,3-dideoxy-2-(N2-isobutylguanidin-1-yl)-D-glucitol	67	C <sub>16</sub> H <sub>17</sub> CIN <sub>4</sub> O <sub>8</sub>	9-(2',3',5'-Tri-O-acetyl-b-D-ribofuranosyl)-6-chloropurine	153
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>6</sub>	N2-Isobutyl-2'-O-methylguanosine	297	C <sub>16</sub> H <sub>17</sub> CIN <sub>4</sub> O <sub>8</sub>	6-Chloro-2-hydroxy-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	146
C <sub>15</sub> H <sub>21</sub> FN <sub>2</sub> O <sub>11</sub>	5-Fluorouridine-5'-O-b-D-galactopyranoside	280	C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>9</sub>	E-5-(2-Carboxyvinyl)-2'-deoxyuridine hydroxysuccinimide ester	138
C <sub>15</sub> H <sub>20</sub> CIN <sub>5</sub> O <sub>4</sub> ·½H <sub>2</sub> O	2-Chloro-N6-cyclopentyladenosine hemihydrate	140	C <sub>16</sub> H <sub>17</sub> D <sub>3</sub> Na <sub>3</sub> O <sub>10</sub>	3'-Azido-3'-deoxythymidine-methyl-D3-b-D-glucuronide sodium salt	86
C <sub>15</sub> H <sub>22</sub> Na <sub>6</sub> O <sub>5</sub> S	S-Adenosyl-L-methionine	29	C <sub>16</sub> H <sub>17</sub> N <sub>5</sub> O <sub>19</sub> P <sub>3</sub>	2',3'-O-Trinitrophenyl-adenosine-5'-triphosphate triethylammonium salt	377
C <sub>15</sub> H <sub>22</sub> FN <sub>3</sub> O <sub>6</sub>	5'-Deoxy-5-fluoro-N4-(pentylloxycarbonyl)cytidine	201	C <sub>16</sub> H <sub>18</sub> IN <sub>3</sub> O <sub>4</sub>	N4-Benzoyl-2'-deoxy-5-iodocytidine	340
C <sub>15</sub> H <sub>22</sub> FN <sub>3</sub> O <sub>6</sub>	5'-Deoxy-5-fluoro-N-[(3-methylbutoxy)carbonyl]cytidine	199	C <sub>16</sub> H <sub>18</sub> Ne <sub>6</sub> O <sub>4</sub>	2-Phenylaminoadenosine	60
C <sub>15</sub> H <sub>22</sub> FN <sub>3</sub> O <sub>6</sub>	5'-Deoxy-5-fluoro-N-[(2-methylbutoxy)carbonyl]cytidine	199	C <sub>16</sub> H <sub>18</sub> Na <sub>4</sub> O <sub>7</sub>	8-(4-Aminophenyl)-2'-deoxyguanosine	372
C <sub>15</sub> H <sub>22</sub> N <sub>5</sub> O <sub>7</sub> P	N6-Cyclopentyladenosine-5'-O-monophosphate	158	C <sub>16</sub> H <sub>18</sub> Na <sub>4</sub> O <sub>7</sub>	2',3',5'-Tri-O-acetylnebularine	370
C <sub>15</sub> H <sub>20</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>7</sub> P·H <sub>2</sub> O	N6-Isopentenyladenosine-5'-monophosphate sodium salt	298	C <sub>16</sub> H <sub>18</sub> CIN <sub>5</sub> O <sub>7</sub>	2',3',5'-Tri-O-acetyl-6-chloro-6-deoxyguanosine	370
C <sub>15</sub> H <sub>20</sub> N <sub>5</sub> O <sub>9</sub> PNa <sub>2</sub> ·H <sub>2</sub> O	trans-Zeatin riboside-5'-monophosphate sodium salt	385	C <sub>16</sub> H <sub>18</sub> CIN <sub>5</sub> O <sub>7</sub>	2',3',5'-Tri-O-acetyl-2-chloroadenosine	43
C <sub>15</sub> H <sub>23</sub> Na <sub>3</sub> O <sub>5</sub>	Dihydrozeatin riboside	248	C <sub>16</sub> H <sub>18</sub> FN <sub>5</sub> O <sub>7</sub>	6-Amino-2-chloro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	371
C <sub>15</sub> H <sub>23</sub> CIN <sub>6</sub> O <sub>5</sub> ·2HCl	S-(5'-Adenosyl)-L-methionine chloride dihydrochloride	28	C <sub>16</sub> H <sub>18</sub> N <sub>2</sub> O <sub>7</sub> S	2'-Deoxy-5'-O-p-toluenesulfonyluridine	223
C <sub>15</sub> H <sub>24</sub> N <sub>2</sub> O <sub>5</sub> Si	5'-O-tert-Butyldimethylsilyl-2,2'-anhydrouridine	130	C <sub>16</sub> H <sub>18</sub> Na <sub>6</sub> O	2',3',5'-Tri-O-acetylinosine	371
C <sub>15</sub> H <sub>22</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>8</sub> P·H <sub>2</sub> O	Dihydrozeatin riboside-5'-monophosphate sodium salt	248	C <sub>16</sub> H <sub>18</sub> BRN <sub>5</sub> O <sub>8</sub>	2',3',5'-Tri-O-acetyl-8-bromoguanosine	369
C <sub>15</sub> H <sub>21</sub> N <sub>5</sub> O <sub>13</sub> P <sub>2</sub> ·NH <sub>3</sub>	Cyclic adenosine 5'-diphosphate ribose ammonium salt	156	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub>	3'-Amino-5'-O-benzyl-2,3'-dideoxyuridine	368
C <sub>15</sub> H <sub>24</sub> Na <sub>5</sub> O <sub>17</sub> P <sub>3</sub>	Adenosine-5'-O-diphosphoribose phosphate	24	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub> S	5'-Tosyl-2'-deoxy cytidine	378
C <sub>15</sub> H <sub>25</sub> FN <sub>2</sub> O <sub>4</sub> Si	5'-O-tert-Butyldimethylsilyl-2,3'-dideoxy-3'-fluorouridine	130	C <sub>16</sub> H <sub>19</sub> N <sub>5</sub> O <sub>7</sub>	3',5'-N2-Tri-O-acetyl-2'-deoxyguanosine	369
C <sub>15</sub> H <sub>25</sub> N <sub>5</sub> O <sub>4</sub> Si	3'-Azido-5'-O-tert-butylidimethylsilyl-2,3'-dideoxyuridine	83	C <sub>16</sub> H <sub>19</sub> N <sub>5</sub> O <sub>7</sub>	2',3',5'-Tri-O-acetyladenosine	369
C <sub>15</sub> H <sub>25</sub> IN <sub>2</sub> O <sub>5</sub> Si	5'-O-tert-Butyldimethylsilyl-2'-deoxy-5-iodouridine	130	C <sub>16</sub> H <sub>19</sub> N <sub>5</sub> O <sub>7</sub>	2,3,5-Tri-O-acetyl a-adenosine	63
C <sub>15</sub> H <sub>25</sub> N <sub>5</sub> O <sub>6</sub>	(2S)-2-Amino-6-((4-amino-1-[(2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-1,2-dihydropyrimidin-2-ylidene)amino)hexanoic acid	36	C <sub>16</sub> H <sub>19</sub> Na <sub>5</sub> O <sub>7</sub> S	2-Amino-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	57
C <sub>15</sub> H <sub>26</sub> IN <sub>3</sub> O <sub>4</sub> Si	5'-O-tert-Butylidimethylsilyl-2'-deoxy-5-iodocytidine	134	C <sub>16</sub> H <sub>19</sub> Na <sub>5</sub> O <sub>8</sub>	2-Amino-6-mercapto-9-(2',3',5'-tri-O-acetyl-b-ribofuranosyl)purine	372
C <sub>15</sub> H <sub>26</sub> N <sub>2</sub> O <sub>5</sub> Si	5'-O-tert-Butyldimethylsilyl-2'-deoxyuridine	130	C <sub>16</sub> H <sub>19</sub> Na <sub>5</sub> O <sub>8</sub>	2',3',5'-Tri-O-acetylisosguanosine	371
C <sub>15</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub> Si	2'-O-tert-Butyldimethylsilyluridine	133	C <sub>16</sub> H <sub>20</sub> FN <sub>3</sub> O <sub>7</sub>	2',3',5'-Tri-O-acetylguanosine	135
C <sub>15</sub> H <sub>27</sub> N <sub>3</sub> O <sub>4</sub> Si	3'-Amino-5'-O-tert-butylidimethylsilyl-2,3'-dideoxyuridine	40	C <sub>15</sub> H <sub>19</sub> N <sub>3</sub> O <sub>8</sub> -HCl	Capecitabine 2',3'-cyclic carbonate	370

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C <sub>16</sub> H <sub>21</sub> N <sub>5</sub> O <sub>6</sub>	3'-O-Acetyl-2'-deoxy-N2-isobutyluracilinosine	16
C <sub>16</sub> H <sub>22</sub> N <sub>4</sub> O <sub>7</sub>	2,6-Dihydro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	248
C <sub>16</sub> H <sub>22</sub> N <sub>2</sub> O <sub>15</sub> P <sub>2</sub> Na <sub>2</sub>	Thymidine-5'-diphosphate-4-keto-6-deoxy-D-glucose disodium salt	363
C <sub>16</sub> H <sub>23</sub> N <sub>5</sub> O <sub>4</sub>	N6-Cyclopentyl-2'-C-methyl-adenosine	158
C <sub>16</sub> H <sub>23</sub> N <sub>5</sub> O <sub>4</sub> S	2-Methylthio-N6-isopentenyladenosine	325
C <sub>16</sub> H <sub>24</sub> N <sub>2</sub> O <sub>15</sub> P <sub>2</sub> Na <sub>2</sub>	Thymidine-5'-diphosphate-L-rhamnose disodium salt	363
	Thymidine-5'-diphosphate-2-deoxy-D-glucose disodium salt	362
C <sub>16</sub> H <sub>24</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>16</sub> P <sub>2</sub>	Thymidine-5'-diphosphate-a-D-glucose disodium salt	363
C <sub>16</sub> H <sub>25</sub> N <sub>2</sub> O <sub>5</sub> SiD <sub>3</sub>	5'-O-tert-Butyldimethylsilyl-D3-thymidine	133
C <sub>16</sub> H <sub>25</sub> N <sub>3</sub> O <sub>14</sub> P <sub>2</sub> Na <sub>2</sub>	Thymidine-5'-diphosphate-D-viosamine disodium salt	363
C <sub>16</sub> H <sub>26</sub> N <sub>6</sub> O <sub>3</sub>	N6-(6-Aminohexyl)-2'-deoxyadenosine	55
C <sub>16</sub> H <sub>26</sub> N <sub>3</sub> O <sub>5</sub> SiD <sub>3</sub>	3'-Amino-5'-O-tert-butylidimethylsilyl-3'-deoxy-D3-thymidine	39
C <sub>16</sub> H <sub>27</sub> N <sub>5</sub> O <sub>4</sub> Si	3'-Azido-5'-O-tert-butylidimethylsilyl-3'-deoxythymidine	83
C <sub>16</sub> H <sub>11</sub> N <sub>5</sub> O <sub>5</sub> PS-C <sub>6</sub> H <sub>14</sub> N	Adenosine 3',5'-cyclic monophosphothioate Rp-isomer triethylammonium salt	22
	Adenosine 3',5'-cyclic monophosphorothioate Sp-isomer triethylammonium salt	22
C <sub>16</sub> H <sub>27</sub> N <sub>6</sub> O <sub>6</sub> P	Adenosine 2',3'-cyclic monophosphate triethylammonium salt	21
C <sub>16</sub> H <sub>27</sub> N <sub>6</sub> O <sub>7</sub> P	Guanosine 2',3'-cyclic phosphate triethylamine salt	283
C <sub>16</sub> H <sub>28</sub> N <sub>2</sub> O <sub>5</sub> Si	5'-O-tert-Butyldimethylsilylthymidine	133
	2,3'-Anhydro-5'-O-tert-butylidimethylsilylthymidine	66
C <sub>16</sub> H <sub>28</sub> N <sub>2</sub> O <sub>6</sub> Si	2'-O-tert-Butyldimethylsilyl-5-methyluridine	132
C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> -2C <sub>6</sub> H <sub>13</sub> N	Adenosine 5'-diphosphate bis(cyclohexylammonium) salt	23
C <sub>16</sub> H <sub>29</sub> N <sub>3</sub> O <sub>5</sub> Si	3'-Amino-5'-O-tert-butylidimethylsilyl-3'-deoxythymidine	40
C <sub>10</sub> H <sub>13</sub> N <sub>2</sub> O <sub>15</sub> P <sub>3</sub> -4C <sub>6</sub> H <sub>14</sub> N	2'-Deoxy-5-hydroxymethyluridine-5'-triphosphate triethylammonium salt	208
C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> -X(C <sub>6</sub> H <sub>13</sub> N)	Adenosine 3',5'-bisphosphate triethylammonium salt - 10mM aqueous solution	21
C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>13</sub> P <sub>2</sub> S-4C <sub>6</sub> H <sub>15</sub> N	3'-Phosphoadenosine 5'-phosphosulfate triethylammonium salt	341
C <sub>10</sub> H <sub>18</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> -4C <sub>6</sub> H <sub>15</sub> N	2'-C-Methylcytidine 5'-triphosphate triethylammonium salt - Aqueous Solution	314
C <sub>17</sub> H <sub>15</sub> N <sub>2</sub> O <sub>6</sub> D <sub>3</sub>	5'-O-Benzoyl-D3-thymidine	113
C <sub>17</sub> H <sub>15</sub> N <sub>5</sub> O <sub>7</sub> Se	4-Nitrobenzoyl-6-seleninosine	335
C <sub>17</sub> H <sub>16</sub> N <sub>5</sub> O <sub>3</sub>	3'-Azido-N6-benzoyl-2',3'-dideoxyadenosine	81
C <sub>17</sub> H <sub>16</sub> N <sub>5</sub> O <sub>4</sub> D <sub>3</sub>	3'-Azido-5'-O-benzyl-3'-deoxy-D3-thymidine	82
C <sub>17</sub> H <sub>16</sub> FN <sub>5</sub> O <sub>4</sub>	N6-Benzoyl-9-(2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)adenine	104
	N6-Benzoyl-2'-deoxy-2'-fluoroadenosine	104
C <sub>17</sub> H <sub>16</sub> N <sub>2</sub> O <sub>5</sub>	Benzoyl stavudine	112
C <sub>17</sub> H <sub>16</sub> N <sub>3</sub> O <sub>5</sub> D <sub>3</sub>	3'-Amino-5'-O-benzoyl-3'-deoxy-D3-thymidine	37
C <sub>17</sub> H <sub>16</sub> N <sub>2</sub> O <sub>6</sub>	2,2'-Anhydro-5'-O-toluoyluridine	69
C <sub>17</sub> H <sub>16</sub> ClN <sub>5</sub> O <sub>6</sub> PS-Na	8-(4-Chlorophenylthio)-2'-O-methyladenosine 3',5'-cyclic monophosphate sodium salt	151
C <sub>17</sub> H <sub>16</sub> N <sub>2</sub> O <sub>7</sub>	5'-O-p-Anisoyl-2,2'-anhydrouridine	69
C <sub>17</sub> H <sub>16</sub> N <sub>6</sub> Na <sub>2</sub> O <sub>9</sub> PS	6-[(4-Nitrobenzyl)thio]-9-(b-D-ribofuranosyl)purine-5'-monophosphate disodium salt	335
C <sub>17</sub> H <sub>17</sub> N <sub>5</sub> O <sub>3</sub>	N6-Benzoyl-2',3'-dideoxyadenosine	107
C <sub>17</sub> H <sub>17</sub> N <sub>5</sub> O <sub>4</sub>	N6-Benzoyl-3'-deoxyadenosine	97
	N6-Benzoyl-2'-deoxyadenosine	97
	N6-Benzoyl-2'-deoxy-a-adenosine	97
C <sub>17</sub> H <sub>17</sub> N <sub>5</sub> O <sub>5</sub>	N6-Benzoyl-2'-deoxy-8-oxoadenosine	106
	N6-Benzoyl-L-adenosine	93
	N6-Benzoyl-adenosine	93
	3'-Azido-2',3'-dideoxy-5'-O-p-toluoyluridine	91
	3'-Azido-5'-O-benzoyl-3'-deoxythymidine	81
	9-(b-D-Arabinofuranosyl)-N6-benzoyl-adenine	73
C <sub>17</sub> H <sub>17</sub> FN <sub>2</sub> O <sub>6</sub>	5'-O-p-Anisoyl-3'-fluoro-2',3'-dideoxyuridine	71
C <sub>17</sub> H <sub>17</sub> F <sub>2</sub> N <sub>3</sub> O <sub>6</sub>	N-Cbz gemcitabine	138

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	5'-O-p-Anisoyl-3'-azido-2',3'-dideoxyuridine	70
C <sub>17</sub> H <sub>17</sub> N <sub>5</sub> O <sub>6</sub> S	S-(4-Nitrobenzyl)-6-thioinosine	335
C <sub>17</sub> H <sub>17</sub> N <sub>5</sub> O <sub>7</sub> S	S-(2'-Hydroxy-5-nitrobenzoyl)-6-thioinosine	290
C <sub>17</sub> H <sub>18</sub> N <sub>3</sub> O <sub>4</sub> D <sub>3</sub>	3'-Amino-5'-O-benzyl-3'-deoxy-D3-thymidine	38
C <sub>17</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub>	5'-O-Benzoyl-2,3'-anhydrothymidine	94
	1,5-Anhydro-4,6-O-benzylidene-2,3-dideoxy-2-[uracil-1-yl]-D-glucitol	66
	2,3'-Anhydro-5'-O-benzoylthymidine	66
C <sub>17</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub>	5'-O-Benzoylthymidine	113
	3'-O-Benzoylthymidine	113
C <sub>17</sub> H <sub>18</sub> N <sub>6</sub> O <sub>6</sub> S	S-(4-Nitrobenzyl)-6-thioguanosine	335
C <sub>17</sub> H <sub>18</sub> N <sub>2</sub> O <sub>7</sub>	5'-O-p-Anisoyl-2'-deoxyuridine	71
C <sub>17</sub> H <sub>18</sub> ClN <sub>3</sub> O <sub>7</sub>	6-Chloro-7-deaza-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	141
C <sub>17</sub> H <sub>18</sub> N <sub>6</sub> O <sub>7</sub> S	S-(2-Hydroxy-5-nitrobenzoyl)-6-thioguanosine	290
C <sub>17</sub> H <sub>19</sub> N <sub>5</sub> O <sub>3</sub>	N6-Benzyl-2-deoxyadenosine	116
	6-Benzylamino-9-(2'-deoxy-b-D-ribofuranosyl)purine	115
C <sub>17</sub> H <sub>19</sub> N <sub>5</sub> O <sub>4</sub>	6-O-Benzyl-2'-deoxyguanosine	116
	6-Benzylamino-9-(b-D-arabinofuranosyl)purine	115
	N6-Benzyladenosine	114
	4-Amino-3-benzyl-1H-pyrazolo[3,4-d]pyrimidine 1-b-D-ribofuranose	38
C <sub>17</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub>	3'-Amino-2',3'-dideoxy-5'-O-toluoyluridine	52
C <sub>17</sub> H <sub>19</sub> N <sub>5</sub> O <sub>5</sub>	p-Topolin riboside	368
	o-Topolin riboside	367
	m-Topolin riboside	367
	8-Benzyloxy-2'-deoxyguanosine	117
	O6-Benzyl guanosine	117
C <sub>17</sub> H <sub>19</sub> N <sub>3</sub> O <sub>6</sub>	N4-Benzoyl-5-methylcytidine	112
	N4-Benzoyl-2'-O-methylcytidine	112
	N4-Anisoyl-2'-deoxycytidine	71
	3'-Amino-5'-O-p-anisoyl-2',3'-dideoxyuridine	36
C <sub>17</sub> H <sub>19</sub> N <sub>5</sub> O <sub>6</sub> S	5-Tosyladenosine	368
C <sub>17</sub> H <sub>19</sub> N <sub>3</sub> O <sub>7</sub>	N4-Benzoyl-1-(a-D-mannopyranosyl)cytosine	111
	N4-p-Anisoylcytidine	71
C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub>	5-(2-Ethoxyphenyl)-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one	270
C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>	5-Octa-1,7-diynyl-2'-deoxyuridine	337
C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> O <sub>7</sub> S	5'-O-Tosylthymidine	368
C <sub>17</sub> H <sub>18</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>7</sub> P-H <sub>2</sub> O	N6-Benzyladenosine-5'-monophosphate sodium salt	114
C <sub>17</sub> H <sub>18</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>8</sub> P-H <sub>2</sub> O	p-Topolin riboside-5'-monophosphate sodium salt	367
	o-Topolin riboside-5'-monophosphate sodium salt	367
	m-Topolin riboside-5'-monophosphate salt	367
C <sub>17</sub> H <sub>21</sub> N <sub>2</sub> O <sub>8</sub>	1-(2,3,5-Tri-O-acetyl-b-D-ribofuranosyl)nicotinamide	372
C <sub>17</sub> H <sub>21</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub>	N6-Benzyladenosine 5'-O-diphosphate sodium salt	114
C <sub>17</sub> H <sub>22</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	N6-Benzyladenosine 5'-O-triphosphate sodium salt	114
	4-Amino-3-benzyl-1H-pyrazolo[3,4-d]pyrimidine 1-b-D-ribofuranosyl 5'-triphosphate	38
C <sub>17</sub> H <sub>23</sub> N <sub>5</sub> O <sub>7</sub>	7-(4,5-cis-Dihydroxy-1-cyclopenten-3-ylaminomethyl)-7-deazaguanosine	248
C <sub>17</sub> H <sub>23</sub> N <sub>5</sub> O <sub>14</sub>	Polyoxorim	342
C <sub>17</sub> H <sub>24</sub> N <sub>6</sub> O <sub>17</sub> P <sub>2</sub> -2Na	UDP-N-azidoacetylgalactosamine	379
C <sub>17</sub> H <sub>25</sub> N <sub>5</sub> O <sub>13</sub>	Polyoxin B	342
C <sub>17</sub> H <sub>29</sub> N <sub>3</sub> O <sub>6</sub> Si	N4-Acetyl-2'-O-tert-butylidimethylsilyl-cytidine	11
	N4-Acetyl-2'-O-tert-butylidimethylsilylcytidine	11
C <sub>11</sub> H <sub>18</sub> N <sub>5</sub> O <sub>14</sub> P <sub>3</sub> -4C <sub>6</sub> H <sub>15</sub> N	2'-C-Methylguanosine 5'-triphosphate triethyl ammonium salt - Aqueous solution	318
C <sub>18</sub> H <sub>15</sub> BrN <sub>2</sub> O <sub>2</sub>	5-Bromo-2,4-di(benzyloxy)pyrimidine	126
C <sub>18</sub> H <sub>16</sub> N <sub>5</sub> O <sub>6</sub> D <sub>3</sub>	5'-O-p-Anisoyl-3'-azido-3'-deoxy-D3-thymidine	70
C <sub>18</sub> H <sub>17</sub> N <sub>2</sub> O <sub>7</sub> D <sub>3</sub>	5'-O-p-Anisoyl-D3-thymidine	71
C <sub>17</sub> H <sub>16</sub> FN <sub>5</sub> O <sub>7</sub> S-HCl	5'-(4-Fluorosulfonylbenzoyl)adenosine HCl	279
C <sub>18</sub> H <sub>18</sub> ClN <sub>6</sub> O <sub>4</sub>	2-Chloro-N6-(3-iodobenzyl)-adenosine-5'-N-methyluracilamide	147
C <sub>18</sub> H <sub>19</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>7</sub>	5,6-Dichloropurine-1-(2,3,5-tri-O-acetyl-b-D-ribofuranosyl)-1H-benzimidazole	237
C <sub>18</sub> H <sub>18</sub> N <sub>3</sub> O <sub>7</sub> D <sub>3</sub>	3'-Amino-5'-O-p-anisoyl-3'-deoxy-D3-thymidine	36

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C<sub>21</sub>H<sub>26</sub>N<sub>6</sub>O<sub>16</sub>P<sub>2</sub>

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C <sub>18</sub> H <sub>19</sub> N <sub>6</sub> O <sub>4</sub>	N(6)-(3-Iodobenzyl)-5'-N-methylcarboxamidoadenosine	294
C <sub>18</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>5</sub>	3'-Deoxy-3'-fluoro-5'-O-toluoylthymidine	202
C <sub>18</sub> H <sub>19</sub> N <sub>5</sub> O <sub>5</sub>	2'-Deoxy-N6-phenoxyacetyladenosine	218
	N6-Benzoyl-3'-O-methyladenosine	111
	N6-Benzoyl-2'-O-methyladenosine	111
C <sub>18</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>6</sub>	5'-O-p-Anisoyl-3'-fluoro-3'-deoxythymidine	71
C <sub>18</sub> H <sub>19</sub> N <sub>5</sub> O <sub>6</sub>	N2-Phenylacetyl-L-guanosine	339
	N2-Phenylacetylguanosine	339
	N6-(4-Methoxybenzoyl)adenosine	329
	2'-Deoxy-N2-phenoxyacetylguanosine	218
	N6-Benzoyl-9-(a-D-mannopyranosyl)adenine	110
	5'-O-p-Anisoyl-3'-azido-3'-deoxythymidine	70
C <sub>18</sub> H <sub>19</sub> N <sub>6</sub> O <sub>7</sub>	N2-Phenoxyacetylguanosine	339
C <sub>18</sub> H <sub>20</sub> ClN <sub>5</sub> O <sub>5</sub>	2-[2-(4-Chlorophenyl)ethoxy]adenosine	150
C <sub>18</sub> H <sub>20</sub> FN <sub>5</sub> O <sub>5</sub>	2-[2-(4-Fluorophenyl)ethoxy]adenosine	279
C <sub>18</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>	2,3'-Anhydro-5'-O-p-anisoylthymidine	64
C <sub>18</sub> H <sub>20</sub> N <sub>2</sub> O <sub>7</sub>	5'-O-p-Anisoylthymidine	72
C <sub>18</sub> H <sub>20</sub> ClN <sub>5</sub> O <sub>8</sub>	2-Acetamido-6-chloro-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	10
C <sub>18</sub> H <sub>20</sub> N <sub>6</sub> O <sub>14</sub> P <sub>3</sub> S	2/3--O-(N-Methylanthraniloyl)guanosine-5'-(γ-thio)triphosphate triethylammonium salt	312
C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> O <sub>5</sub>	o-Methoxytopolin riboside	308
	m-Methoxytopolin riboside	308
	6-Benzylamino-9-(a-D-glucopyranosyl)purine	115
C <sub>18</sub> H <sub>21</sub> N <sub>3</sub> O <sub>6</sub>	3'-Amino-5'-O-p-anisoyl-3'-deoxythymidine	36
C <sub>18</sub> H <sub>21</sub> N <sub>6</sub> O <sub>6</sub> P	2/3-(N-Methylanthraniloyl)-adenosine-5'-monophosphate triethylammonium salt	311
C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> O <sub>9</sub>	N6-Acetyl-2',3',5'-tri-O-acetyl-8-hydroxyadenosine	20
C <sub>18</sub> H <sub>21</sub> NaNa <sub>2</sub> O <sub>15</sub> P <sub>3</sub>	P3-(1-(2-Nitrophenyl)ethyl)adenosine 5'-triphosphate disodium salt	336
C <sub>18</sub> H <sub>22</sub> N <sub>4</sub> O <sub>2</sub> S	4-(1-Benzylpiperidin-4-Ylamino)-2-(Methylthio)Pyrimidine-5-Carboxylic Acid	117
C <sub>18</sub> H <sub>22</sub> N <sub>6</sub> O <sub>11</sub> P <sub>2</sub>	2/3'-O-(N-Methylanthraniloyl)-adenosine-5'-diphosphate triethylammonium salt	311
C <sub>18</sub> H <sub>23</sub> N <sub>5</sub> O <sub>8</sub>	2',3',5'-Tri-O-acetyl-N2-dimethylguanosine	371
	2',3',5'-Tri-O-acetyl-2N,2N-dimethylguanosine	371
C <sub>18</sub> H <sub>23</sub> N <sub>6</sub> O <sub>8</sub> P·Na	N6,2'-O-Dibutylryladenosine 3',5'-cyclic monophosphate sodium salt	235
C <sub>18</sub> H <sub>23</sub> N <sub>6</sub> O <sub>13</sub> P <sub>3</sub>	3'-(N-Methyl-anthraniloyl)-2'-deoxy-adenosine-5'-triphosphate triethylammonium salt	312
	2'-O-(N-Methylanthraniloyl)-3'-deoxy-adenosine-5'-triphosphate triethylammonium salt	312
C <sub>18</sub> H <sub>23</sub> N <sub>6</sub> O <sub>13</sub> P <sub>3</sub> S	2/3'-O-(N-Methyl-anthraniloyl)-adenosine-5'-(gamma-thio)-triphosphate triethylammonium salt	311
C <sub>18</sub> H <sub>23</sub> N <sub>6</sub> O <sub>14</sub> P <sub>3</sub>	2/3'-(N-Methylanthraniloyl)-adenosine-5'-triphosphate triethylammonium salt	312
C <sub>18</sub> H <sub>23</sub> N <sub>6</sub> O <sub>16</sub> P <sub>3</sub>	Caged GTP	134
C <sub>18</sub> H <sub>23</sub> N <sub>5</sub> Na <sub>4</sub> O <sub>21</sub> P <sub>4</sub>	2'-Deoxycytidine P <sup>III</sup> -5'-ester with uridine 5'-(pentahydrogen tetraphosphate) sodium salt	175
C <sub>18</sub> H <sub>24</sub> N <sub>6</sub> O <sub>5</sub>	5'-Azido-N6-Boc-5'-deoxy-2',3'-O-isopropylideneadenosine	83
C <sub>18</sub> H <sub>24</sub> N <sub>5</sub> O <sub>6</sub> P	N-(9-b-D-Ribofuranosyl-9H-furin-6-yl)-butyramide cyclic 3',5'-(hydrogen phosphate) 2'-butyrate	350
C <sub>18</sub> H <sub>24</sub> N <sub>6</sub> O <sub>6</sub> P·1/2Ca	N6,2'-O-Dibutylryladenosine 3',5'-cyclic monophosphate calcium salt	235
C <sub>18</sub> H <sub>26</sub> FN <sub>3</sub> O <sub>4</sub> S	5-(4-Amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-1,3-oxathiolane-2-carboxylic acid 5-methyl-2-(1-methylethyl)cyclohexyl ester	54
C <sub>18</sub> H <sub>23</sub> N <sub>4</sub> O <sub>14</sub> P·NH <sub>3</sub>	Uridyl-2'-5'-uridine ammonium salt	382
C <sub>18</sub> H <sub>27</sub> N <sub>5</sub> O <sub>4</sub>	3'-Deoxy-N6-octanoyladenosine	217
C <sub>18</sub> H <sub>27</sub> N <sub>5</sub> O <sub>5</sub>	2-(2-Cyclohexylethoxy)adenosine	152
C <sub>18</sub> H <sub>27</sub> N <sub>5</sub> O <sub>13</sub> P	Uridyl-3'-5'-cytidine ammonium salt	387
C <sub>18</sub> H <sub>24</sub> N <sub>5</sub> O <sub>13</sub> P·NH <sub>3</sub>	Cytidyl-3'-5'-uridine ammonium salt	163
C <sub>19</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub>	2'-Deoxy-a-cytidine	177
C <sub>19</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>7</sub>	2'-O-Acetyl-3'-deoxy-3'-fluoro-5'-O-toluoyluridine	16
C <sub>19</sub> H <sub>20</sub> N <sub>2</sub> O <sub>7</sub>	2'-O-Acetyl-5'-O-benzoyl-3'-deoxy-5-methyluridine	11

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C <sub>19</sub> H <sub>21</sub> N <sub>5</sub> O <sub>4</sub>	(R)-N-(2,3-Dihydro-1H-indenyl)adenosine	247
C <sub>19</sub> H <sub>21</sub> N <sub>5</sub> O <sub>6</sub>	2'-O-Methyl-N6-phenoxyacetyladenosine	321
C <sub>19</sub> H <sub>21</sub> N <sub>5</sub> O <sub>7</sub>	N2-Phenoxyacetyl-2'-O-methylguanosine	339
C <sub>19</sub> H <sub>21</sub> N <sub>6</sub> O <sub>10</sub> P	4,5-Dimethoxy-2-nitrobenzyl adenosine 3',5'-cyclic monophosphate	249
C <sub>19</sub> H <sub>22</sub> N <sub>6</sub> O <sub>4</sub>	N6-Benzyl-5'-ethylcarboxamidoadenosine	116
C <sub>19</sub> H <sub>24</sub> N <sub>7</sub> O <sub>12</sub> P	Adenyl-3'-5'-uridine ammonium salt	30
C <sub>19</sub> H <sub>24</sub> N <sub>7</sub> O <sub>13</sub> P	Uridyl-3'-5'-guanosine ammonium salt	382
C <sub>19</sub> H <sub>25</sub> N <sub>5</sub> O <sub>6</sub>	2'-Deoxy-N2-isobutyl-3'-O-levulinoylguanosine	211
	2'-Deoxy-N2-isobutyl-5'-O-levulinoylguanosine	211
C <sub>19</sub> H <sub>25</sub> N <sub>5</sub> O <sub>7</sub>	2'-Deoxy-N2-isobutyl-5'-O-levulinoylguanosine	211
C <sub>19</sub> H <sub>25</sub> N <sub>6</sub> O <sub>11</sub> P	Adenyl-3'-5'-cytidine	29
C <sub>19</sub> H <sub>25</sub> N <sub>6</sub> O <sub>12</sub> P	Cytidyl-3'-5'-guanosine ammonium salt	162
C <sub>19</sub> H <sub>25</sub> N <sub>6</sub> O <sub>14</sub> P <sub>3</sub>	2/3'-O-(N-Methylanthraniloyl)-N6-methyladenosine-5'-triphosphate triethylammonium salt	312
C <sub>19</sub> H <sub>26</sub> FN <sub>3</sub> O <sub>8</sub>	2',3'-Di-O-acetyl-5'-deoxy-5'-fluoro-N4-(pentoxycarbonyl)cytidine	227
C <sub>19</sub> H <sub>26</sub> Na <sub>4</sub> O <sub>10</sub>	2',3'-Di-O-acetyl-5'-deoxy-5'-nitro-N4-(pentylloxycarbonyl)cytidine	228
C <sub>19</sub> H <sub>27</sub> Na <sub>2</sub> O <sub>12</sub> P	Uridyl-3'-5'-adenosine ammonium salt	382
C <sub>19</sub> H <sub>24</sub> N <sub>7</sub> O <sub>13</sub> P·NH <sub>3</sub>	Guanyl-3'-5'-uridine ammonium salt	287
C <sub>19</sub> H <sub>25</sub> N <sub>6</sub> O <sub>16</sub> P·NH <sub>3</sub>	2'-Deoxycytidyl-(3'-5')-2'-deoxyguanosine	177
C <sub>19</sub> H <sub>25</sub> N <sub>6</sub> O <sub>12</sub> P·NH <sub>3</sub>	Guanyl-3'-5'-cytidine ammonium salt	287
C <sub>19</sub> H <sub>28</sub> N <sub>10</sub> O <sub>13</sub> P <sub>2</sub>	5'-Phosphoryl-(3'-amino-3'-deoxyguanylyl)-(3'-5')-3'-amino-3'-deoxycytidine	341
C <sub>20</sub> H <sub>19</sub> ClFN <sub>4</sub> O <sub>5</sub>	2'-O-Acetyl-2-chloro-3'-deoxy-3'-fluoro-5'-O-toluoylinosine	12
C <sub>20</sub> H <sub>20</sub> F <sub>2</sub> N <sub>10</sub> O <sub>12</sub> P <sub>2</sub> ·2Na	2'-Fluoro-cyclic-di-guanlylate monophosphate sodium salt	276
C <sub>20</sub> H <sub>21</sub> N <sub>5</sub> O <sub>5</sub>	N6-Benzoyl-2',3'-isopropylideneadenosine	110
C <sub>20</sub> H <sub>21</sub> N <sub>3</sub> O <sub>7</sub>	3',5'-Di-O-acetyl-N4-benzoyl-2'-deoxycytidine	226
C <sub>20</sub> H <sub>22</sub> N <sub>10</sub> O <sub>13</sub> P <sub>2</sub> ·2Na	3',3'-Cyclic GAMP	157
C <sub>20</sub> H <sub>24</sub> N <sub>6</sub> O <sub>4</sub>	5'-O-Benzyl-N2-DMF-2'-deoxyguanosine	116
C <sub>20</sub> H <sub>24</sub> N <sub>10</sub> O <sub>12</sub> P <sub>2</sub> ·xNa	Cyclic di-adenosine monophosphate sodium salt	156
C <sub>20</sub> H <sub>24</sub> N <sub>10</sub> O <sub>14</sub> P <sub>2</sub>	Cyclic diguanosine monophosphate	157
C <sub>20</sub> H <sub>25</sub> N <sub>10</sub> O <sub>14</sub> P <sub>2</sub>	Adenyl-3'-5'-adenosine ammonium salt	29
C <sub>20</sub> H <sub>25</sub> N <sub>10</sub> O <sub>11</sub> P	Adenyl-3'-5'-guanosine ammonium salt	29
C <sub>20</sub> H <sub>25</sub> N <sub>10</sub> O <sub>11</sub> P·K	Guanyl-3'-5'-adenosine potassium salt	287
C <sub>20</sub> H <sub>26</sub> N <sub>10</sub> O <sub>15</sub> P <sub>2</sub> ·xNa	5'-Phosphoguanyl-3'->5'-guanosine	341
C <sub>20</sub> H <sub>26</sub> N <sub>10</sub> O <sub>22</sub> P <sub>5</sub> Li <sub>3</sub>	P1,P5-Di(adenosine-5')pentaphosphate trithium salt	229
C <sub>20</sub> H <sub>27</sub> N <sub>10</sub> O <sub>16</sub> P <sub>3</sub>	P1-(5'-Adenosyl) P3-(5'-adenosyl) triphosphate sodium salt	29
C <sub>20</sub> H <sub>25</sub> N <sub>10</sub> O <sub>11</sub> P·HaNa	ADENYL-L-(3'-5')-GUANOSINE	30
C <sub>20</sub> H <sub>25</sub> N <sub>10</sub> O <sub>12</sub> P·HaNa	Guanyl-3',5'-guanosine ammonium salt	287
C <sub>20</sub> H <sub>26</sub> N <sub>7</sub> O <sub>16</sub> P·NH <sub>3</sub>	Thymidyl-(3'-5')-2'-deoxyadenosine ammonium salt	366
C <sub>20</sub> H <sub>29</sub> N <sub>10</sub> O <sub>22</sub> P <sub>5</sub> ·5Na	Diadenosine pentaphosphate pentasodium salt	229
C <sub>20</sub> H <sub>30</sub> ClN <sub>3</sub> O <sub>4</sub> Si	6-Chloro-7-deaza-9-(5'-O-tert-butylidimethylsilyl)-2',3'-O-isopropylidene-b-D-ribofuranosyl)purine	141
C <sub>20</sub> H <sub>30</sub> N <sub>5</sub> O <sub>12</sub> P	U-13C10, U-[15N2]-Labelled Thymidyl-3'-5'-thymidine ammonium	383
C <sub>20</sub> H <sub>27</sub> N <sub>4</sub> O <sub>12</sub> P·NH <sub>3</sub>	Thymidyl-3'-5'-thymidine ammonium salt	366
C <sub>20</sub> H <sub>33</sub> ClN <sub>4</sub> O <sub>4</sub> Si	9-(5'-O-t-Butylidimethylsilyl)-2',3'-O-isopropylidene-b-D-ribofuranosyl)-6-chloro-7-deazaguanine	132
C <sub>20</sub> H <sub>33</sub> N <sub>5</sub> O <sub>6</sub> Si	2'-O-tert-Butylidimethylsilyl-N2-isobutylrylguanosine	132
C <sub>20</sub> H <sub>46</sub> N <sub>5</sub> O <sub>12</sub> P <sub>3</sub> S	Lamivudine 5'-triphosphate triethylammonium salt	302
C <sub>21</sub> H <sub>22</sub> N <sub>10</sub> O <sub>4</sub>	N-(2-Amino-3,8-dimethylimidazo[4,5-f]quinoxalin-5-yl)-2'-deoxyguanosine	53
C <sub>21</sub> H <sub>23</sub> N <sub>5</sub> O <sub>6</sub>	3',5'-Di-O-acetyl O6-benzyl-2'-deoxyguanosine	229
C <sub>21</sub> H <sub>23</sub> N <sub>5</sub> O <sub>8</sub>	5'-O-Benzoyl-2'-deoxy-N2-isobutylrylguanosine	105
	3'-O-Benzoyl-2'-deoxy-N2-isobutylrylguanosine	105
C <sub>21</sub> H <sub>23</sub> N <sub>3</sub> O <sub>7</sub>	N4-Benzoyl-2'-deoxy-5'-O-levulinoylcytidine	106
	N4-Benzoyl-2'-deoxy-3'-O-levulinoylcytidine	106
C <sub>21</sub> H <sub>24</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub>	4-Amino-3-(1-naphthylmethyl)-1H-pyrazolo[3,4-d]pyrimidine-1-(b-D-ribofuranosyl-5'-triphosphate)	59
C <sub>21</sub> H <sub>26</sub> N <sub>6</sub> O <sub>16</sub> P <sub>2</sub>	Adenosine-5'-O-diphospho-(1''-(4-nitrophenyl)-ribose)	24

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C <sub>21</sub> H <sub>26</sub> N <sub>7</sub> Na <sub>2</sub> O <sub>17</sub> P <sub>3</sub>	b-Nicotinamide adenine dinucleotide phosphate disodium salt	331
C <sub>21</sub> H <sub>26</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> ·4Na	b-Nicotinamide adenine dinucleotide phosphate, reduced form, tetrasodium salt - min 95%	332
C <sub>21</sub> H <sub>26</sub> N <sub>7</sub> O <sub>19</sub> P <sub>3</sub> ·2Na	b-Nicotinamide adenine dinucleotide phosphate, reduced form, disodium salt	331
C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub>	b-Nicotinamide adenine dinucleotide	333
C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub> ·2Na	b-Nicotinamide adenine dinucleotide reduced form, disodium salt	333
C <sub>21</sub> H <sub>27</sub> KN <sub>7</sub> O <sub>17</sub> P <sub>3</sub>	b-Nicotinamide adenine dinucleotide phosphate potassium salt hydrate	331
C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> NaO <sub>17</sub> P <sub>3</sub>	b-Nicotinamide adenine dinucleotide phosphate sodium salt hydrate	332
C <sub>21</sub> H <sub>28</sub> NeO <sub>9</sub>	(S)-4,9-Dihydro-a-[(methoxycarbonyl)amino]-4,6-dimethyl-9-oxo-3-b-D-ribofuranosyl-3H-Imidazo[1,2-a]purine-7-butanolic acid methyl ester	247
C <sub>21</sub> H <sub>28</sub> N <sub>7</sub> O <sub>15</sub> P <sub>2</sub> ·xNa	Nicotinamide guanine dinucleotide sodium salt	334
C <sub>21</sub> H <sub>26</sub> N <sub>7</sub> NaO <sub>14</sub> P <sub>2</sub> ·2H <sub>2</sub> O	b-Nicotinamide adenine dinucleotide sodium salt dihydrate	333
C <sub>21</sub> H <sub>28</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub>	a-Nicotinamide adenine dinucleotide phosphate	332
C <sub>21</sub> H <sub>28</sub> NaO <sub>5</sub> P	5-O-[[[(1S)-1-Methyl-2-(1-methylethoxy)-2-oxoethyl]amino]-phenoxyphosphinyl]-cytidine	320
C <sub>21</sub> H <sub>29</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> D	b-Nicotinamide-D adenine dinucleotide reduced form	333
C <sub>21</sub> H <sub>30</sub> ClN <sub>5</sub> O <sub>9</sub>	N2-Diboc-7/9-(2,3,4,6-tetra-O-acetyl-D-mannopyranosyl)-6-chloro-2-aminopurine	234
C <sub>21</sub> H <sub>28</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> ·xH <sub>2</sub> O	b-Nicotinamide adenine dinucleotide phosphate hydrate	331
C <sub>21</sub> H <sub>31</sub> N <sub>5</sub> O <sub>10</sub>	trans-Zeatin-o-glucoside riboside	384
	cis-Zeatin-o-glucoside riboside	384
C <sub>21</sub> H <sub>36</sub> N <sub>2</sub> O <sub>7</sub> Si <sub>2</sub>	3',5'-O-(1,1,3,3-Tetraisopropyl)disiloxane-1,3-diyyl)-2'-ketouridine	355
C <sub>21</sub> H <sub>33</sub> Li <sub>3</sub> N <sub>7</sub> O <sub>16</sub> P <sub>3</sub> S	Coenzyme A trillithium salt	155
C <sub>21</sub> H <sub>36</sub> N <sub>7</sub> O <sub>16</sub> P <sub>3</sub> SNa	Coenzyme A sodium salt hydrate	154
C <sub>21</sub> H <sub>38</sub> N <sub>2</sub> O <sub>6</sub> Si <sub>2</sub>	2'-Deoxy-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)uridine	221
C <sub>21</sub> H <sub>38</sub> N <sub>2</sub> O <sub>7</sub> Si <sub>2</sub>	3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)uridine	356
C <sub>21</sub> H <sub>36</sub> N <sub>7</sub> O <sub>16</sub> P <sub>3</sub> S·xH <sub>2</sub> O	Coenzyme A hydrate	154
C <sub>21</sub> H <sub>39</sub> BrN <sub>5</sub> O <sub>5</sub> Si <sub>2</sub>	3',5'-Bis-O-(tert-butyl)dimethylsilyl)-5-bromo-2'-deoxyuridine	120
C <sub>21</sub> H <sub>39</sub> N <sub>3</sub> O <sub>6</sub> Si <sub>2</sub>	3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)cytidine	355
C <sub>21</sub> H <sub>40</sub> N <sub>2</sub> O <sub>5</sub> Si <sub>2</sub>	3',5'-Bis-O-(tert-butyl)dimethylsilyl)-2'-deoxyuridine	121
C <sub>21</sub> H <sub>43</sub> N <sub>4</sub> O <sub>6</sub> PS	2-Thiouridine-5'-monophosphate triethylammonium salt - Aqueous solution	361
C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> ·xNa·yH <sub>2</sub> O	b-Nicotinamide adenine dinucleotide 3'-phosphate sodium salt hydrate	332
C <sub>8</sub> <sup>13</sup> CH <sub>10</sub> F <sub>15</sub> N <sub>2</sub> O <sub>5</sub>	2'-Deoxy-2',2'-difluorouridine (13C, 15N) labelled	179
C <sub>22</sub> H <sub>17</sub> NeO <sub>4</sub> D <sub>5</sub>	8-(4-Amino-2',3',4',5',6'-D5-biphenyl)-2'-deoxyguanosine	39
C <sub>22</sub> H <sub>17</sub> N <sub>5</sub> O <sub>8</sub>	AFB-guanine	30
C <sub>22</sub> H <sub>22</sub> NeO <sub>4</sub>	N-(2'-Deoxyguanosin-8-yl)-4-amino(biphenyl)	207
C <sub>22</sub> H <sub>23</sub> N <sub>5</sub> O <sub>5</sub>	2-[2-(2-Naphthalenyl)ethoxy]adenosine	330
C <sub>22</sub> H <sub>23</sub> N <sub>5</sub> O <sub>6</sub>	N6-Benzoyl-2'-deoxy-5'-O-levulinoyl adenosine	106
	N6-Benzoyl-2'-deoxy-3'-O-levulinoyl adenosine	105
C <sub>22</sub> H <sub>25</sub> N <sub>5</sub> O <sub>5</sub>	1,5-Anhydro-4,6-O-benzylidene-2,3-dideoxy-2-(N2-isobutyluranylguanidin-1-yl)-D-glucitol	66
C <sub>22</sub> H <sub>28</sub> NeO <sub>14</sub> P <sub>2</sub>	3-Acetylpyridine adenine dinucleotide	20
C <sub>22</sub> H <sub>28</sub> NeO <sub>14</sub> P <sub>2</sub> Na <sub>2</sub>	3-Acetylpyridine adenine dinucleotide, reduced form, sodium salt	20
C <sub>22</sub> H <sub>30</sub> NeO <sub>4</sub> Si	3'-Azido-N4-benzoyl-5'-O-tert-butyl)dimethylsilyl)-2',3'-dideoxycytidine	80
C <sub>22</sub> H <sub>30</sub> N <sub>3</sub> O <sub>5</sub> Si	N4-Benzoyl-5'-O-tert-butyl)dimethylsilyl)-2'-deoxy-5-iodocytidine	95
C <sub>22</sub> H <sub>29</sub> N <sub>7</sub> O <sub>5</sub> ·2HCl	Puromycin dihydrochloride	346
C <sub>15</sub> H <sub>23</sub> NeO <sub>5</sub> S·C <sub>7</sub> H <sub>7</sub> O <sub>3</sub> S	S-Adenosyl-L-methionine p-toluenesulfonate	28
C <sub>22</sub> H <sub>31</sub> N <sub>3</sub> O <sub>4</sub> Si	2,3'-Anhydro-5'-O-tert-butyl)dimethylsilyl)-N4-benzoyl-2'-deoxycytidine	66
C <sub>22</sub> H <sub>31</sub> N <sub>3</sub> O <sub>5</sub> Si	N4-Benzoyl-5'-O-tert-butyl)dimethylsilyl)-2'-deoxycytidine	95
C <sub>22</sub> H <sub>31</sub> N <sub>3</sub> O <sub>6</sub> Si	N4-Benzoyl-2'-O-tert-butyl)dimethylsilyl)cytidine	95

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C <sub>22</sub> H <sub>32</sub> N <sub>4</sub> O <sub>4</sub> Si	3'-Amino-N4-benzoyl-5'-O-tert-butyl)dimethylsilyl)-2',3'-dideoxycytidine	37
C <sub>22</sub> H <sub>34</sub> N <sub>6</sub> O <sub>16</sub> P <sub>3</sub> S·xLi	Biotin-5-deoxyuridine-5'-triphosphate, lithium salt - 1 mM aqueous solution	119
C <sub>15</sub> H <sub>22</sub> NeO <sub>5</sub> S·C <sub>7</sub> H <sub>7</sub> O <sub>3</sub> S	S-Adenosyl-L-methionine disulfate tosylate	28
C <sub>22</sub> H <sub>34</sub> N <sub>5</sub> O <sub>17</sub> P <sub>3</sub> S·xLi	Biotin-5-uridine-5'-triphosphate, lithium salt - 1 mM aqueous solution	120
C <sub>22</sub> H <sub>35</sub> N <sub>5</sub> O <sub>4</sub>	3'-Deoxy-N6-lauroyladenosine	212
C <sub>22</sub> H <sub>35</sub> NeO <sub>15</sub> P <sub>3</sub> S	Biotin-5-deoxycytidine-5'-triphosphate, lithium salt - 1 mM aqueous solution	119
C <sub>22</sub> H <sub>35</sub> NeO <sub>16</sub> P <sub>3</sub> S·xLi	Biotin-5-cytidine-5'-triphosphate lithium salt - 1 mM aqueous solution	118
C <sub>22</sub> H <sub>38</sub> BrN <sub>5</sub> O <sub>5</sub> Si <sub>2</sub>	8-Bromo-9-[3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)-2'-deoxy-b-D-ribofuranosyl]guanine	128
C <sub>22</sub> H <sub>39</sub> N <sub>5</sub> O <sub>5</sub> Si <sub>2</sub>	3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)adenosine	355
C <sub>22</sub> H <sub>39</sub> N <sub>5</sub> O <sub>6</sub> Si <sub>2</sub>	3',5'-O-[Tetrakis(1-methylethyl)-1,3-disiloxanediyl]-guanosine	356
	3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)guanosine	355
C <sub>22</sub> H <sub>40</sub> NeO <sub>5</sub> Si <sub>2</sub>	2,6-Diamino-9-[3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)-b-D-ribofuranosyl]purine	232
C <sub>22</sub> H <sub>40</sub> N <sub>2</sub> O <sub>7</sub> Si <sub>2</sub>	3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)-5-methyluridine	356
C <sub>10</sub> H <sub>13</sub> ClN <sub>5</sub> O <sub>7</sub> P·C <sub>12</sub> H <sub>30</sub> N <sub>2</sub>	2-Chloroadenosine 5'-monophosphate triethylamine salt	139
C <sub>22</sub> H <sub>46</sub> N <sub>7</sub> O <sub>13</sub> P <sub>3</sub>	3'-Azido-3'-deoxythymidine 5'-triphosphate triethylammonium salt	88
C <sub>22</sub> H <sub>17</sub> Cl <sub>2</sub> FN <sub>2</sub> O <sub>7</sub>	3',5'-Di-O-p-chlorobenzoyl-2'-deoxy-5-fluorouridine	236
	3',5'-Di-O-p-chlorobenzoyl-2'-deoxy a-5-fluorouridine	236
C <sub>23</sub> H <sub>18</sub> BrN <sub>2</sub> O <sub>7</sub>	1-(3',5'-Di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)-5-bromo-uracil	233
C <sub>23</sub> H <sub>18</sub> F <sub>2</sub> N <sub>2</sub> O <sub>7</sub>	3',5'-Di-O-benzoyl-2'-deoxy-2',2'-difluorouridine	233
C <sub>23</sub> H <sub>19</sub> F <sub>2</sub> N <sub>3</sub> O <sub>6</sub>	1'-Epi gemcitabine 3',5'-dibenzate	268
	3',5'-Di-O-benzoyl-2'-deoxy-2',2'-difluorocytidine	233
C <sub>23</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>7</sub>	3',5'-Di-O-benzoyl-2'-deoxy-2'-fluorouridine	234
C <sub>23</sub> H <sub>19</sub> N <sub>2</sub> O <sub>7</sub> F	1-(3',5'-Di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)uracil	234
C <sub>23</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>7</sub>	1-(3',5'-Di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)thymine	234
	1-(2'-deoxy-2'-fluoro-3',5'-di-O-benzoyl-b-L-arabinofuranosyl)-uracil	196
C <sub>23</sub> H <sub>20</sub> D <sub>3</sub> NaO <sub>4</sub>	8-(2-Amino-1-methyl-D3-6-phenylimidazo[4,5-b]pyridyl)-2'-deoxyguanosine	58
C <sub>23</sub> H <sub>20</sub> N <sub>6</sub> O <sub>5</sub>	3'-Azido-N4-benzoyl-5'-O-benzoyl-2',3'-dideoxycytidine	80
C <sub>23</sub> H <sub>20</sub> N <sub>2</sub> O <sub>8</sub>	2',3'-Di-O-benzoyluridine	234
C <sub>23</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub>	2,3'-Anhydro-5'-O-benzoyl-N4-benzoyl-2'-deoxycytidine	65
C <sub>23</sub> H <sub>21</sub> N <sub>3</sub> O <sub>6</sub>	N4,5'-O-Dibenzoyl-2'-deoxycytidine	233
	N4,3'-O-Dibenzoyl-2'-deoxycytidine	233
	N4-Benzoyl-5'-O-benzoyl-2'-deoxycytidine	94
C <sub>23</sub> H <sub>22</sub> N <sub>6</sub> O <sub>4</sub>	2'-Deoxy-8-(9H-fluoren-2-ylamino)-guanosine	190
C <sub>23</sub> H <sub>22</sub> BN <sub>5</sub> O <sub>6</sub> S	2',3'-Phenylboronate-5'-O-p-toluenesulfonyl adenosine	340
C <sub>23</sub> H <sub>23</sub> NaO <sub>4</sub>	8-(2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridyl)-2'-deoxyguanosine	58
C <sub>23</sub> H <sub>24</sub> N <sub>4</sub> O <sub>6</sub> S	6-[[4-Methylphenyl]thio]-2-oxo-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)-2,3-dihydropurine	322
C <sub>23</sub> H <sub>25</sub> N <sub>5</sub> O <sub>7</sub> S	2-Amino-6-(4-methylphenyl)thio-9-(2',3',5'-tri-O-acetyl-b-D-ribofuranosyl)purine	59
C <sub>23</sub> H <sub>26</sub> D <sub>3</sub> NaO <sub>13</sub>	3'-Azido-3'-deoxythymidine-methyl-D3-2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester	87
C <sub>23</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub>	Nicotinamide 1,N6-ethanoadenine dinucleotide	334
C <sub>23</sub> H <sub>28</sub> N <sub>7</sub> O <sub>6</sub> ·Na	4-[2-[6-Amino-9-(N-ethyl-b-D-ribofuranuronamidoyl)-9H-purin-2-yl]amino]ethyl]benzenepropanoic acid monosodium salt	54
C <sub>23</sub> H <sub>29</sub> N <sub>6</sub> O <sub>13</sub>	3'-Azido-3'-deoxythymidine 2,3,4-tri-O-acetyl-b-D-glucuronide methyl ester	87

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C<sub>29</sub>H<sub>44</sub>BrN<sub>5</sub>O<sub>5</sub>Si<sub>2</sub>

Formula	Product Name	Page
C <sub>23</sub> H <sub>30</sub> ClN <sub>7</sub> O <sub>6</sub>	2-p-(2-Carboxyethyl)phenethylamino-5'-N-ethylcarboxamidoadenosine hydrochloride	137
C <sub>23</sub> H <sub>31</sub> N <sub>5</sub> O <sub>5</sub> Si	N6-Benzoyl-2'-O-tert-butylidimethylsilyladenosine	94
C <sub>23</sub> H <sub>30</sub> ClN <sub>7</sub> O <sub>6</sub> ·xH <sub>2</sub> O	2-p-(2-Carboxyethyl)phenethylamino-5'-N-ethylcarboxamidoadenosine hydrochloride hydrate	137
C <sub>23</sub> H <sub>35</sub> Li <sub>3</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S	Acetyl coenzyme A trilithium salt	13
C <sub>23</sub> H <sub>38</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S·xLi	Acetyl coenzyme A lithium salt	12
C <sub>23</sub> H <sub>38</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S·xNa	Acetyl coenzyme A sodium salt	12
C <sub>23</sub> H <sub>41</sub> N <sub>5</sub> O <sub>7</sub> Si <sub>2</sub>	N-Acetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)cytidine	20
	N4-Acetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)cytidine	20
	N-Acetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)adenosine	20
C <sub>11</sub> H <sub>16</sub> N <sub>6</sub> O <sub>6</sub> P·C <sub>12</sub> H <sub>32</sub> N <sub>2</sub>	2'-C-Methylguanosine 5'-monophosphate triethyl ammonium salt - Aqueous solution	317
C <sub>24</sub> H <sub>19</sub> ClFN <sub>5</sub> O <sub>5</sub>	2-Amino-6-chloro-9-(2-deoxy-3,5-di-O-benzoyl-2-fluoro-b-D-arabinofuranosyl)purine	40
C <sub>24</sub> H <sub>20</sub> NaO <sub>4</sub>	3'-Azido-N6-benzoyl-5'-O-benzoyl-2',3'-dideoxyadenosine	80
C <sub>24</sub> H <sub>21</sub> N <sub>5</sub> O <sub>5</sub>	N6,5'-O-Dibenzoyl-2'-deoxyadenosine	232
	N6,3'-O-Dibenzoyl-2'-deoxyadenosine	232
	N6-Benzoyl-5'-O-benzoyl-2'-deoxyadenosine	94
C <sub>24</sub> H <sub>21</sub> FN <sub>2</sub> O <sub>8</sub>	3',5'-Di-O-benzoyl-5-fluoro-2'-O-methyluridine	234
C <sub>24</sub> H <sub>22</sub> NeO <sub>4</sub>	3'-Amino-N4-benzoyl-5'-O-benzoyl-2',3'-dideoxyadenosine	36
C <sub>24</sub> H <sub>22</sub> FN <sub>3</sub> O <sub>6</sub>	5'-O-p-Anisoyl-N4-benzoyl-3'-fluoro-2',3'-dideoxycytidine	70
C <sub>24</sub> H <sub>22</sub> N <sub>2</sub> O <sub>7</sub>	1,5-Anhydro-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-2-(uracil-1-yl)-D-alto-hexitol	65
	1,5-Anhydro-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-2-(N4-benzoylcytidin-1-yl)-D-alto-hexitol	65
C <sub>24</sub> H <sub>22</sub> N <sub>7</sub> O <sub>13</sub> P <sub>3</sub> S <sub>2</sub> ·xNa	gamma-(BBT)-ATP	93
C <sub>24</sub> H <sub>22</sub> N <sub>7</sub> O <sub>14</sub> P <sub>3</sub> S <sub>2</sub> ·xNa	gamma-(BBT)-GTP	93
C <sub>24</sub> H <sub>23</sub> N <sub>3</sub> O <sub>6</sub>	5'-O-p-Anisoyl-N4-benzoyl-2',3'-dideoxycytidine	70
	2,3'-Anhydro-5'-O-p-anisoyl-N4-benzoyl-2'-deoxycytidine	64
C <sub>24</sub> H <sub>24</sub> N <sub>4</sub> O <sub>6</sub>	1-(2-Deoxy-3',5'-di-O-toluoyl-D-ribofuranosyl)-4-amino-1,3-dihydro-2-oxo-1,3,5-triazine	180
	1-(2-Deoxy-3',5'-di-O-toluoyl-b-D-ribofuranosyl)-4-amino-1,2-dihydro-2-oxo-1,3,5-triazine	180
	1-(2-Deoxy-3',5'-di-O-toluoyl-a-D-ribofuranosyl)-4-amino-1,2-dihydro-2-oxo-1,3,5-triazine	180
	3'-Amino-5'-O-p-anisoyl-N4-benzoyl-2',3'-dideoxycytidine	36
C <sub>24</sub> H <sub>27</sub> BF <sub>2</sub> N <sub>6</sub> Na <sub>3</sub> O <sub>13</sub> P <sub>3</sub> S	Adenosine 5'-O-(3-thiotriphosphate), BODIPY FL thioester sodium salt - 5mM buffered aqueous solution	26
C <sub>24</sub> H <sub>24</sub> N <sub>5</sub> O <sub>15</sub> P <sub>3</sub> ·xNH <sub>3</sub>	2'(3')-O-(4-Benzoyl)benzoyladenosine-5'-triphosphate triethylammonium salt	94
C <sub>24</sub> H <sub>38</sub> N <sub>7</sub> O <sub>19</sub> P <sub>3</sub> S·xLi	Malonyl coenzyme A lithium salt - 97%	304
	Malonyl coenzyme A lithium salt - 90%	303
C <sub>24</sub> H <sub>38</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> SLi	Propionyl coenzyme A lithium salt	344
C <sub>24</sub> H <sub>41</sub> N <sub>6</sub> O <sub>17</sub> P <sub>3</sub> S·4Li	Biotin-11-2-deoxyuridine-5-triphosphate tetralithium salt	119
C <sub>24</sub> H <sub>17</sub> Cl <sub>2</sub> FN <sub>4</sub> O <sub>5</sub>	2,6-Dichloro-9-(3',5'-di-O-benzoyl-2'-deoxy-2'-fluoro-b-D-arabinofuranosyl)purine	236
C <sub>24</sub> H <sub>18</sub> ClFN <sub>4</sub> O <sub>5</sub>	6-Chloro-9-(3',5'-di-O-benzoyl-2'-Deoxy-2'-fluoro-b-D-arabinofuranosyl)purine	145
C <sub>25</sub> H <sub>22</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>7</sub>	5-Ethyl-3',5'-bis-(p-chlorobenzoyl)-2'-deoxyuridine	271
C <sub>25</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	1,5-Anhydro-4,6-O-benzylidene-2,3-dideoxy-2-(N6-benzoyl-adenin-1-yl)-D-glucitol	66
C <sub>25</sub> H <sub>23</sub> N <sub>5</sub> O <sub>6</sub>	5'-O-p-Anisoyl-N6-benzoyl-2'-deoxyadenosine	70
C <sub>25</sub> H <sub>23</sub> N <sub>2</sub> O <sub>7</sub>	2'-Deoxy-5-iodo-3',5'-di-O-p-toluoyluridine	209
C <sub>25</sub> H <sub>27</sub> N <sub>3</sub> O <sub>5</sub> S	Tert-Butyl-2-Phenyl-4-(P-Tolylsulfonyloxy)-7,8-Dihydropyrido[4,3-D]Pyrimidine-6(5H)-Carboxylate	354
C <sub>25</sub> H <sub>36</sub> N <sub>7</sub> O <sub>18</sub> P <sub>3</sub> SLi <sub>4</sub> ·5H <sub>2</sub> O	Acetoacetyl coenzyme A lithium salt	10
C <sub>25</sub> H <sub>37</sub> N <sub>7</sub> Na <sub>3</sub> O <sub>18</sub> P <sub>3</sub> S·3H <sub>2</sub> O	Acetoacetyl coenzyme A trisodium salt trihydrate	10
C <sub>25</sub> H <sub>42</sub> N <sub>6</sub> O <sub>13</sub> P <sub>2</sub> S <sub>1</sub>	Cytidine-5'-phosphate-3'-(6-aminoethyl)phosphate-biotin triethylammonium salt - 1 mM aqueous solution (10 mM Tris-HCl)	161

Formula	Product Name	Page
C <sub>26</sub> H <sub>23</sub> ClN <sub>4</sub> O <sub>5</sub>	3,5-Di-O-toluoyl 6-chloropurine-7-b-D-deoxyriboside	254
	6-Chloro-9-(2'-deoxy-3',5'-di-O-toluoyl-b-ribofuranosyl)purine	143
C <sub>26</sub> H <sub>24</sub> ClN <sub>5</sub> O <sub>5</sub>	2-Amino-6-chloro-9-(2'-deoxy-3',5'-di-O-toluoyl-b-D-ribofuranosyl)purine	40
C <sub>26</sub> H <sub>37</sub> Cl <sub>2</sub> NeO <sub>9</sub> P	(4-N,N-(Dipropyl-1,1-dichloro-2-aminophenyl)(5'-deoxy-5'-glycylamino-2'-O-tetrahydropyranilylcytidyl-3')hydrogen phosphate	253
C <sub>26</sub> H <sub>42</sub> N <sub>4</sub> O <sub>5</sub>	Sapacitabine	353
C <sub>26</sub> H <sub>45</sub> N <sub>5</sub> O <sub>7</sub> Si <sub>2</sub>	N2-Isobutyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)guanosine	297
C <sub>27</sub> H <sub>27</sub> N <sub>3</sub> O <sub>7</sub>	6-(2-Deoxy-3,5-di-O-toluoyl-b-D-ribofuranosyl)-3,4-dihydro-8H-pyrimido[4,5-c][1,2]oxazin-7-one	180
C <sub>27</sub> H <sub>31</sub> Na <sub>3</sub> Ne <sub>2</sub> O <sub>15</sub> P <sub>2</sub> ·xH <sub>2</sub> O	Riboflavin 5'-adenosine diphosphate disodium salt hydrate	350
C <sub>27</sub> H <sub>43</sub> F <sub>2</sub> N <sub>3</sub> O <sub>5</sub>	Gemcitabine 5'-elaidate	281
C <sub>28</sub> H <sub>23</sub> FN <sub>2</sub> O <sub>4</sub>	1-(2',3'-Dideoxy-2',3'-didehydro-2'-fluoro-5'-O-trityl-b-L-ribofuranosyl)-uracil	241
C <sub>28</sub> H <sub>24</sub> N <sub>2</sub> O <sub>6</sub>	2'-Deoxy-5'-O-pixyluridine	218
C <sub>28</sub> H <sub>25</sub> FN <sub>2</sub> O <sub>5</sub>	1-(2'-Deoxy-2'-fluoro-5'-O-trityl-b-L-arabinofuranosyl)-uracil	202
C <sub>28</sub> H <sub>26</sub> N <sub>2</sub> O <sub>5</sub>	3'-Deoxy-5'-O-trityluridine	223
	2'-Deoxy-5'-O-trityluridine	223
C <sub>28</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub>	5'-O-Trityluridine	378
C <sub>28</sub> H <sub>28</sub> NeO <sub>6</sub>	1,5-Anhydro-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-2-(N8-(dimethylamino)methyleneguanidin-1-yl)-D-alto-hexitol	65
C <sub>28</sub> H <sub>33</sub> FN <sub>2</sub> O <sub>6</sub> Si	3'-O-Acetyl-5'-O-tert-butylidiphenylsilyl-2'-deoxy-2'-fluorothymidine	12
C <sub>28</sub> H <sub>37</sub> N <sub>9</sub> O <sub>5</sub> S	8-Amino-11'-(N''-dansyl)-4'-aminobutyl]-5'-(1-aziridinyl)-5'-deoxy adenosine	44
C <sub>28</sub> H <sub>41</sub> N <sub>3</sub> O <sub>11</sub> Si <sub>2</sub>	3',5'-O-(1,1,3,3-Tetraisopropyl-1,3-disiloxanediyl)-2'-(p-nitrophenylcarboxyloxy)uridine	356
C <sub>28</sub> H <sub>43</sub> N <sub>3</sub> O <sub>7</sub> Si <sub>2</sub>	N4-Benzoyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)cytidine	113
C <sub>28</sub> H <sub>44</sub> N <sub>8</sub> O <sub>5</sub>	5'-O-Acetyl-3'-azido-2',3'-dideoxy-N2-palmitoylguanosine	11
C <sub>28</sub> H <sub>45</sub> N <sub>6</sub> O <sub>18</sub> P <sub>3</sub> S·xLi	Biotin-11-uridine-5'-triphosphate, lithium salt - 1 mM aqueous solution	119
C <sub>28</sub> H <sub>46</sub> N <sub>7</sub> O <sub>16</sub> P <sub>3</sub> S	Biotin-11-deoxycytidine-5'-triphosphate, lithium salt - 1 mM aqueous solution	118
C <sub>28</sub> H <sub>46</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S·xLi	Biotin-11-cytidine-5'-triphosphate lithium salt - 1mM aqueous solution	118
C <sub>29</sub> H <sub>21</sub> Cl <sub>3</sub> N <sub>4</sub> O <sub>8</sub>	2',3',5'-Tri-O-(p-chlorobenzoyl)-5-azacytidine	375
C <sub>29</sub> H <sub>25</sub> N <sub>2</sub> O <sub>5</sub> D <sub>3</sub>	5'-O-Trityl-D3-thymidine	378
C <sub>29</sub> H <sub>26</sub> N <sub>2</sub> O <sub>4</sub>	5'-O-Trityl-2,3'-anhydrothymidine	378
	2',3'-Dehydro-5'-O-tritylthymidine	171
	2,3'-Anhydro-5'-O-tritylthymidine	69
C <sub>29</sub> H <sub>26</sub> N <sub>3</sub> O <sub>4</sub> D <sub>3</sub>	3'-Amino-3'-deoxy-5'-O-trityl-D3-thymidine	49
C <sub>29</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub>	5'-O-Pixylthymidine	342
C <sub>29</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>4</sub>	3'-Chloro-3'-deoxy-5'-O-tritylthymidine	144
C <sub>29</sub> H <sub>27</sub> FN <sub>2</sub> O <sub>4</sub>	3'-Deoxy-3'-fluoro-5'-O-tritylthymidine	203
C <sub>29</sub> H <sub>27</sub> N <sub>5</sub> O <sub>4</sub>	3'-Azido-3'-deoxy-5'-O-tritylthymidine	88
C <sub>29</sub> H <sub>27</sub> FN <sub>2</sub> O <sub>6</sub>	1-(2-Deoxy-5'-O-MMT-b-D-threo-pentofuranosyl)-5-fluorouracil	217
C <sub>29</sub> H <sub>28</sub> N <sub>2</sub> O <sub>5</sub>	5'-O-Tritylthymidine	378
C <sub>29</sub> H <sub>28</sub> N <sub>2</sub> O <sub>6</sub>	5'-O-Trityl-3'-b-hydroxythymidine	378
	2'-Deoxy-5'-O-MMT-uridine	217
C <sub>29</sub> H <sub>29</sub> N <sub>3</sub> O <sub>4</sub>	7-Hydroxymorpholino T monomer	290
C <sub>29</sub> H <sub>29</sub> N <sub>5</sub> O <sub>6</sub>	4-Amino-2,6-dimethyl-8-(2-deoxy-3',5'-di-O-toluoyl-D-ribofuranosyl)-7-pteridone	53
	4-Amino-2,6-dimethyl-8-(2-deoxy-3',5'-di-O-toluoyl-a-D-ribofuranosyl)-7-pteridone	52
C <sub>29</sub> H <sub>29</sub> HsO <sub>6</sub>	4-Amino-2,6-dimethyl-8-(2-deoxy-3',5'-di-O-toluoyl-b-D-ribofuranosyl)-7-pteridone	53
C <sub>29</sub> H <sub>38</sub> N <sub>10</sub> O <sub>15</sub> P <sub>2</sub>	Riboflavin 5'-(trihydrogen diphosphate) P'→5'-ester with N-(2-Aminoethyl)adenosine	350
C <sub>29</sub> H <sub>43</sub> N <sub>5</sub> O <sub>6</sub> Si <sub>2</sub>	N6-Benzoyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)adenosine	113
C <sub>29</sub> H <sub>44</sub> BrN <sub>5</sub> O <sub>5</sub> Si <sub>2</sub>	O6-Benzyl-8-bromo-3',5'-O-(1,1,3,3-tetrakis(isopropyl)-1,3-disiloxanediyl)-2'-deoxyguanine	115

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C29H50N7O17P3S	Octanoyl coenzyme A	337
C29H53N5O4Si3	1-(2',3',5'-Tri-O-tert-butylidimethylsilyl-b-D-ribofuranosyl)-5-ethynylimidazo-4-carbonitrile	375
C29H56N4O4Si3	4-Amino-1-(2',3',5'-tri-O-tert-butylidimethylsilyl-b-D-ribofuranosyl)-imidazo[4,5-c]pyridine	63
C11H16N5O11P2·C18H45N3	2'-C-Methylguanosine 5'-diphosphate triethylammonium salt	317
C30H42N2O6S	2',3',5'-Tri-O-benzoyl-2-thiouridine	374
C30H42N2O6	2',3',5'-Tri-O-benzoyluridine	374
C30H26N4O4	2'-Deoxy-5'-O-pixylinosine	218
C30H26N5O5D3	3'-Azido-3'-deoxy-5'-O-MMT-D3-thymidine	86
C30H28N3O5D3	3'-Amino-3'-deoxy-5'-O-MMT-D3-thymidine	47
C30H28N2O7	5'-O-DMT-2,2'-anhydrouridine	255
C30H29N3O5	N4-Acetyl-5'-O-Tritylcytidine	21
C30H29N4O5	N4-Acetyl-2'-deoxy-5'-O-tritylcytidine	17
C30H29BrN2O7	5-Bromo-2'-deoxy-5'-O-DMT-uridine	124
C30H29FN2O7	2'-Deoxy-5'-O-DMT-5-fluorouridine	184
C30H29F2N2O7	2'-Deoxy-5'-O-DMT-2'-fluorouridine	184
	2'-Deoxy-5'-O-DMT-2'-fluoro-L-uridine	184
	1-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)uracil	182
C30H29N2O7	2'-Deoxy-5'-O-DMT-5-iodouridine	185
C30H30N2O6	5'-O-MMT-thymidine	329
C30H30N3O6	5'-O-(4,4'-dimethoxytrityl)-2'-deoxycytidine	249
C30H30FN3O6	2'-Deoxy-5'-O-DMT-2'-fluorocytidine	183
C30H30N4O6	2',3'-Dideoxy-5'-O-DMT-uridine	241
C30H30N2O7	2'-Deoxy-5'-O-DMT-uridine	189
C30H30N2O8	5'-O-DMT-4-thiouridine	263
	5'-O-DMT-2-thiouridine	263
C30H30N2O8	5'-O-DMT-uridine	265
C30H40N8O6S	N6-Dansylhexyl-5'-ethylcarboxamidoadenosine	163
C30H41N7O6	2-[4-(2-(tert-Butoxycarbonyl)ethyl)phenylethyl]amino]2',3'-O-isopropylideneadenosine-5'-N-ethylcarboxamide	129
C30H45N6O6Si2	N2-Phenoxyacetyl-3',5'-O-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)guanosine	339
C31H25N5O7	2',3'-Di-O-benzoyl-N6-benzoyl-L-adenosine	232
C31H25N5O8	2',3',5'-Tri-O-benzoylguanosine	373
C31H25NO9	2',3',5'-Tri-O-benzoyl-3-deazaauridine	373
C31H26FN3O7	(2'R)-N-Benzoyl-2'-deoxy-2'-fluoro-2'-methylcytidine 3',5'-d	104
C31H26N2O9	2',3',5'-Tri-O-benzoyl-6-methyluridine	374
	2',3',5'-Tri-O-benzoyl-2'-C-methyluridine	374
C31H27N3O8	2',3',5'-Tri-O-benzoyl-2'-C-methylcytidine	373
C31H28N5O7D3	3'-Azido-3'-deoxy-5'-O-DMT-D3-thymidine	85
C31H29FN4O6	5'-O-DMT-2'-fluoro-2'-deoxyinosine	256
C31H30N2O6	5'-O-DMT-2,3'-anhydrothymidine	255
C31H30N4O6	5'-O-(4,4'-Dimethoxytrityl)-2'-deoxyinosine	250
	2'-Deoxy-5'-O-DMT-inosine	185
C31H30N4O7	5'-O-DMT-inosine	258
C31H31N5O4	9-(2',3',5'-Tri-O-benzyl-b-D-arabinofuranosyl)adenine	374
C31H31N5O5	5'-O-(4,4'-dimethoxytrityl)-2'-deoxyadenosine	249
C31H31N5O6	3'-Azido-2'-deoxy-5'-O-DMT-thymidine	84
C31H31N2O7	2'-Deoxy-5'-O-DMT-2'-fluoro-5-methyluridine	183
C31H31FN2O7	1-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)thymine	182
C31H32N2O7	5'-O-DMT-thymidine	264
	3'-O-DMT-thymidine	264
	1-(2'-Deoxy-5'-O-DMT-b-D-lyxofuranosyl)thymine	187
C31H32N2O8	5'-O-DMT-2'-O-methyluridine	261
C31H33N3O6	2'-Deoxy-5'-O-DMT-5-methylcytidine	187
	3'-Amino-3'-deoxy-5'-O-DMT-thymidine	46
C31H33N3O7	5'-O-DMT-2'-O-methylcytidine	260
C31H34ClN4O5P	[(2S,6R)-6-(Thymin-1-yl)-4-tritylmorpholin-2-yl]methyl dimethyl-phosphoramidochloridate	366
C31H55N3O6	Enocitabine	267
C31H54N7O17P3S·H2O	Decanoyl coenzyme A, free acid	170
C32H27N5O6	1,5-Anhydro-3-O-benzoyl-4,6-O-benzylidene-2-deoxy-2-(N6-benzoyladenine-1-yl)-D-alto-hexitol	65
C32H27N5O7	6-Amino-9-(2',3',5'-tri-O-benzoyl-2'-C-methyl-b-D-ribofuranosyl)purine	63
C32H30F3N3O8	2'-Deoxy-5'-O-DMT-2'-trifluoroacetamidouridine	189

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C32H31N3O7	7-Deaza-2'-deoxy-5'-O-DMT-xanthosine	165
C32H31FN2O8	3'-O-Acetyl-2'-deoxy-5'-O-DMT-2'-fluorouridine	185
C32H32N6O4	2'-Deoxy-N2-DMF-5'-O-tritylguanosine	181
C32H32FN3O7	N4-Acetyl-2'-deoxy-5'-O-DMT-2'-fluorocytidine	15
C32H32N3O7	N4-Acetyl-2'-deoxy-5'-O-DMT-5-iodocytidine	15
C32H32N4O7	5'-O-DMT-2'-O-methylinosine	260
C32H32N5O8	N4-Acetyl-5'-O-DMT-5-iodocytidine	18
C32H33N5O4	(1S,2S,3S,5S)-5-(2-Amino-6-(benzyloxy)-9H-purin-9-yl)-3-(benzyloxy)-2-(benzyloxymethyl)cyclopentanol	38
C32H33N5O5	2'-Deoxy-5'-O-DMT-N6-methyladenosine	187
C32H33N3O7	N4-Acetyl-2'-deoxy-5'-O-DMT-cytidine	15
C32H33N5O7	5'-O-DMT-2'-O-methyl-5-methyluridine	260
C32H34N2O8	5'-O-DMT-N4-ethylcytidine	18
C32H34N3O8	6-(2-Deoxy-5'-O-DMT-b-D-ribofuranosyl)-3,4-dihydro-8H-pyrimido-[4,5-c][1,2]oxazin-7-one	188
C32H42N10O15P2·2Na	N6-Aminohexyl-flavin adenine dinucleotide	55
C32H52N7O18P3S·xLi	Biotin-16-deoxyuridine-5'-triphosphate, lithium salt - 1 mM aqueous solution	119
C32H52NaO18P3S	Biotin-16-cytidine-5'-triphosphate lithium salt - 1 mM aqueous solution	118
C32H52N7O19P3S·xLi	Biotin-16-uridine-5'-triphosphate, lithium salt - 1 mM aqueous solution	120
C32H53NaO17P3S	Biotin-16-deoxycytidine-5'-triphosphate, lithium salt - 1 mM aqueous solution	119
C33H31N5O6	N2-Isobutyryl-2'-deoxy-5'-O-pixylguanosine	296
C33H32N5O6	N2-Isobutyryl-5'-O-Trt-guanosine	297
C33H32N5O8	2'-Deoxy-5'-O-DMT-5-propargyloxuridine	188
C33H33N5O5	2'-Deoxy-N2-isobutyryl-5'-O-tritylguanosine	212
C33H33N5O6	N6-Acetyl-2'-deoxy-5'-O-DMT-adenosine	14
	N6-Acetyl-2'-deoxy-5'-O-DMT-adenosine	14
C33H34N6O5	2'-Deoxy-N2-DMF-5'-O-MMT-guanosine	181
C33H34N2O9	3'-O-Acetyl-5'-O-DMT-2'-O-methyluridine	19
C33H35N3O7	N4-Acetyl-2'-deoxy-5'-O-DMT-5-methylcytidine	15
C33H35N3O8	N4-Acetyl-5'-O-DMT-2'-O-methylcytidine	18
C33H36N4O6	5'-O-DMT-N-(dimethylamino)methylidene-2'-deoxypseudoisocytidine	255
C33H36N2O9	5'-O-DMT-2'-O-(2-methoxyethyl)uridine	260
C33H53N7O19P3S	Biotin-18-uridine-5'-triphosphate triethylammonium salt - 5mM aqueous solution	120
C33H58N7O17P3S	Lauroyl coenzyme A	302
C9H14F2N3O13P3·C24H60N4	2'-Deoxy-2',2'-difluorocytidine 5'-triphosphate triethylammonium salt - Aqueous solution	178
C34H32N2O7	2-Deoxy-1-(5'-O-DMT-b-D-ribofuranosyl)-5-nitroindole	189
C34H34N2O9	E-5-(2-Carbomethoxyvinyl)-2'-deoxy-5'-O-DMT-uridine	136
C34H35N5O6	2'-Deoxy-N2-isobutyryl-5'-O-MMT-guanosine	212
C34H35FN6O6	5'-O-DMT-N2-Dimethylformamid-2'-deoxy-2'-fluoroguanosine	256
C34H36N6O5	2'-Deoxy-6N-DMF-5'-O-DMT-adenosine	180
	8-Aza-7-deaza-2'-deoxy-N2-DMF-5'-O-DMT	77
C34H36N6O6	5'-O-DMT-N2-DMF-3'-deoxyguanosine	256
	3'-Deoxy-N2-DMF-5'-O-DMT-guanosine	181
	2'-Deoxy-N2-DMF-5'-O-DMT-guanosine	181
C34H36N6O7	5'-O-DMT-N2-DMF-guanosine	256
C34H37N5O6	2'-Deoxy-5'-O-DMT-N2-isopropylguanosine	187
C34H37N3O7	2'-Deoxy-5'-O-DMT-N4-isobutyrylcytidine	186
C34H37N3O8	N4-Acetyl-5'-O-DMT-2'-O-methyl-5-methylcytidine	19
C34H38N2O9	5'-O-DMT-2'-O-(2-methoxyethyl)-5-methyluridine	259
C34H40N2O6Si	2'-O-tert-Butyldimethylsilyl-3'-deoxy-5'-O-trityluridine	130
C34H40N2O6Si	2'-O-tert-Butyldimethylsilyl-5'-O-trityluridine	130
C34H55N8O18P3S	Biotin-18-cytidine-5'-triphosphate triethylammonium salt - 5mM aqueous solution	118
C34H56N7O18P3S	Biotin-11-deoxyuridine-5'-triphosphate, triethylammonium salt - 1 mM aqueous solution	119
C35H29N3O6	N4-Benzoyl-2'-deoxy-5'-O-pixylcytidine	106
C35H31N3O5	N4-Benzoyl-2'-deoxy-5'-O-tritylcytidine	107

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C<sub>40</sub>H<sub>41</sub>N<sub>5</sub>O<sub>9</sub>

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C <sub>35</sub> H <sub>31</sub> N <sub>3</sub> O <sub>6</sub>	N4-Benzoyl-5'-O-Trityl-cytidine	114
C <sub>35</sub> H <sub>31</sub> N <sub>3</sub> O <sub>5</sub> S	1-(3'-O-Nosyl-5'-O-trityl-2'-deoxy-b-D-lyxofuranosyl)thymine	336
C <sub>35</sub> H <sub>32</sub> N <sub>4</sub> O <sub>4</sub>	N4-Benzoyl-7-hydroxymorpholino cytidine monomer	110
C <sub>35</sub> H <sub>36</sub> FN <sub>5</sub> O <sub>7</sub>	2'-Deoxy-5'-O-DMT-2'-fluoro-N2-isobutyrylguanosine	183
	9-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)-N2-isobutyrylguanine	182
C <sub>35</sub> H <sub>36</sub> N <sub>2</sub> O <sub>10</sub>	5'-O-DMT-thymidine-3'-O-succinic acid	263
C <sub>35</sub> H <sub>37</sub> N <sub>5</sub> O <sub>6</sub>	2'-Deoxy-5'-O-DMT-N6-isobutyrylguanosine	185
C <sub>35</sub> H <sub>37</sub> N <sub>5</sub> O <sub>7</sub>	2'-Deoxy-5'-O-DMT-N2-isobutyrylguanosine	186
	2'-Deoxy-5'-O-DMT-N2-isobutyryl-a-guanosine	186
	2'-Deoxy-3'-O-DMT-N2-isobutyrylguanosine	186
C <sub>35</sub> H <sub>37</sub> N <sub>5</sub> O <sub>8</sub>	5'-O-DMT-N2-isobutyrylguanosine	259
	5'-O-DMT-N2-isobutyryl-9-(b-D-arabinofuranosyl)guanine	258
C <sub>35</sub> H <sub>38</sub> N <sub>6</sub> O <sub>6</sub>	3'-Amino-2',3'-dideoxy-5'-O-DMT-N2-isobutyrylguanosine	50
C <sub>35</sub> H <sub>38</sub> N <sub>6</sub> O <sub>7</sub>	N2-DMF-5'-O-DMT-2'-O-methylguanosine	254
C <sub>35</sub> H <sub>38</sub> N <sub>4</sub> O <sub>8</sub>	5-[N-(2-Aminoethyl)-3-E-acrylamido]-2'-deoxy-5'-O-DMT-uridine	53
C <sub>35</sub> H <sub>39</sub> N <sub>3</sub> O <sub>8</sub>	5'-O-DMT-N4-isobutyryl-2'-O-methylcytidine	259
C <sub>35</sub> H <sub>62</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S·xLi	Myristoyl coenzyme A lithium salt	329
C <sub>35</sub> H <sub>62</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S·H <sub>2</sub> O	Myristoyl coenzyme A	330
C <sub>35</sub> H <sub>79</sub> N <sub>9</sub> O <sub>13</sub> P <sub>3</sub>	2'-C-Methyladenosine 5'-triphosphate triethyl ammonium salt - Aqueous solution	310
C <sub>36</sub> H <sub>29</sub> N <sub>5</sub> O <sub>5</sub>	N6-Benzoyl-2'-deoxy-5'-O-pixyladenosine	106
C <sub>36</sub> H <sub>30</sub> N <sub>6</sub> O <sub>3</sub>	3'-Azido-N4-benzoyl-5'-O-trityl-2',3'-dideoxyadenosine	82
C <sub>36</sub> H <sub>31</sub> N <sub>5</sub> O <sub>4</sub>	N6-Benzoyl-5'-O-2'-deoxyadenosine	97
C <sub>36</sub> H <sub>31</sub> N <sub>5</sub> O <sub>5</sub>	N6-Benzoyl-5'-O-trityl-adenosine	114
C <sub>36</sub> H <sub>32</sub> N <sub>6</sub> O <sub>3</sub>	N6-Benzoyl-7-hydroxymorpholino adenosine monomer	110
C <sub>36</sub> H <sub>38</sub> N <sub>4</sub> O <sub>7</sub>	7-Deaza-2'-deoxy-5'-O-DMT-N2-isobutyrylguanosine	165
C <sub>36</sub> H <sub>39</sub> N <sub>5</sub> O <sub>8</sub>	5'-O-DMT-N2-isobutyryl-2'-O-methylguanosine	259
C <sub>36</sub> H <sub>41</sub> N <sub>3</sub> O <sub>8</sub>	5'-O-DMT-N4-isobutyryl-2'-O-methyl-5-methylcytidine	259
C <sub>36</sub> H <sub>42</sub> N <sub>6</sub> O <sub>6</sub>	5'-O-DMT-2'-O-pentylaminoadenosine	262
C <sub>36</sub> H <sub>42</sub> N <sub>2</sub> O <sub>8</sub>	5'-O-DMT-5-methyl-2'-O-pentyluridine	261
C <sub>36</sub> H <sub>44</sub> N <sub>2</sub> O <sub>6</sub> Si	3'-O-tert-Butyldimethylsilyl-5'-O-DMT-uridine	132
	2'-O-tert-Butyldimethylsilyl-5'-O-DMT-uridine	132
C <sub>37</sub> H <sub>32</sub> N <sub>6</sub> O <sub>4</sub>	3'-Azido-N6-benzoyl-5'-O-MMT-2',3'-dideoxyadenosine	82
C <sub>37</sub> H <sub>34</sub> N <sub>6</sub> O <sub>6</sub>	2'-Azido-N4-benzoyl-2',3'-dideoxy-5'-O-DMT-cytidine	81
C <sub>37</sub> H <sub>34</sub> FN <sub>3</sub> O <sub>7</sub>	N4-Benzoyl-2'-deoxy-5'-O-DMT-2'-fluorocytidine	103
	N4-Benzoyl-1-(2'-deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)cytosine	102
C <sub>37</sub> H <sub>34</sub> N <sub>6</sub> O <sub>7</sub>	2'-Azido-N4-benzoyl-2'-deoxy-5'-O-DMT-cytidine	81
C <sub>37</sub> H <sub>34</sub> N <sub>2</sub> O <sub>6</sub> S	2'-O-Benzoyl-5'-O-DMT-4-thiouridine	109
C <sub>37</sub> H <sub>35</sub> N <sub>3</sub> O <sub>7</sub>	N4-Benzoyl-3'-deoxy-5'-O-DMT-cytidine	101
	N4-Benzoyl-2'-deoxy-5'-O-DMT-cytidine	101
	N4-Benzoyl-2'-deoxy-5'-O-DMT-a-cytidine	101
C <sub>37</sub> H <sub>35</sub> N <sub>3</sub> O <sub>8</sub>	N4-Benzoyl-5'-O-DMT-cytidine	108
C <sub>37</sub> H <sub>35</sub> N <sub>3</sub> O <sub>11</sub> S	1-(2'-Deoxy-5'-O-DMT-3'-O-nitrophenylsulphonyl-b-D-lyxofuranosyl)thymine	188
C <sub>37</sub> H <sub>36</sub> N <sub>4</sub> O <sub>6</sub>	3'-Amino-N4-benzoyl-2',3'-dideoxy-5'-O-DMT-cytidine	37
C <sub>37</sub> H <sub>37</sub> ClN <sub>5</sub> O <sub>5</sub> P	[(2S,6R)-6-(N4-Benzoylcydin-1-yl)-4-tritylmorpholin-2-yl]methyl dimethyl-phosphoramidochloridate	96
C <sub>37</sub> H <sub>37</sub> F <sub>3</sub> N <sub>4</sub> O <sub>9</sub>	5'-O-DMT-5-[N-(2-(trifluoroacetamido)ethyl)-3-E-acrylamido]-2'-deoxyuridine	265
C <sub>37</sub> H <sub>40</sub> N <sub>5</sub> O <sub>18</sub> P <sub>3</sub>	5-Aminoallyl-2'-deoxyuridine 5'-triphosphate, labeled with 5/6-TAMRA - 1mM aqueous solution	34
C <sub>37</sub> H <sub>44</sub> N <sub>6</sub> O <sub>6</sub>	5'-O-DMT-2'-O-hexylaminoadenosine	257
C <sub>37</sub> H <sub>45</sub> N <sub>3</sub> O <sub>6</sub>	5'-O-DMT-2'-O-hexylamino-5-methyluridine	257
C <sub>37</sub> H <sub>48</sub> N <sub>3</sub> O <sub>5</sub> P	5'-O-DMT-thymidine 3'-H phosphonate triethylammonium salt	263
C <sub>37</sub> H <sub>65</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> SK	Palmitoyl coenzyme A potassium salt	338
C <sub>19</sub> H <sub>26</sub> N <sub>5</sub> O <sub>11</sub> P <sub>3</sub> ·C <sub>18</sub> H <sub>48</sub> N <sub>3</sub>	N6-Benzyladenosine triphosphate triethylammonium salt	114

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C <sub>38</sub> H <sub>34</sub> N <sub>6</sub> O <sub>5</sub>	3'-Azido-N6-benzoyl-5'-O-DMT-2',3'-dideoxyadenosine	82
C <sub>38</sub> H <sub>34</sub> FN <sub>6</sub> O <sub>6</sub>	N6-Benzoyl-2'-deoxy-5'-O-DMT-2'-fluoroadenosine	102
C <sub>38</sub> H <sub>34</sub> N <sub>6</sub> O <sub>6</sub>	3'-Azido-N6-benzoyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-adenosine	80
C <sub>38</sub> H <sub>35</sub> N <sub>5</sub> O <sub>6</sub>	N2-Benzoyl-9-(2'-deoxy-5'-O-DMT-2'-deoxy-b-D-ribofuranosyl)purine	101
	N6-Benzoyl-3'-deoxy-5'-O-DMT-adenosine	100
	N6-Benzoyl-2'-deoxy-5'-O-DMT-adenosine	100
	N6-Benzoyl-2'-deoxy-5'-O-DMT-a-adenosine	99
	8-Aza-N6-benzoyl-7-deaza-2'-deoxy-5'-O-DMT-adenosine	76
C <sub>38</sub> H <sub>35</sub> N <sub>5</sub> O <sub>7</sub>	N6-Benzoyl-5'-O-DMT-adenosine	107
	N6-Benzoyl-2'-deoxy-5'-O-DMT-8-oxo-adenosine	104
	N2-Benzoyl-2'-deoxy-5'-O-DMT-guanosine	103
	2-Amino-benzoyl-9-(5'-O-DMT-b-D-ribofuranosyl)purine	37
C <sub>38</sub> H <sub>36</sub> N <sub>6</sub> O <sub>5</sub>	N6-Benzoyl-3'-N-DMT-2',3'-dideoxyadenosine	108
	3'-Amino-N6-benzoyl-2',3'-dideoxy-5'-O-DMT-adenosine	37
C <sub>38</sub> H <sub>36</sub> FN <sub>3</sub> O <sub>7</sub>	N4-Benzoyl-2'-deoxy-5'-O-DMT-2'-fluoro-5-methylcytidine	103
	N4-Benzoyl-1-(2'-deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)-5-methylcytosine	103
C <sub>38</sub> H <sub>37</sub> ClN <sub>7</sub> O <sub>4</sub> P	[(2S,6R)-6-(N6-Benzoyl-adenin-9-yl)-4-tritylmorpholin-2-yl]methyl dimethyl-phosphoramidochloridate	93
C <sub>38</sub> H <sub>37</sub> N <sub>3</sub> O <sub>7</sub>	5'-O-(4,4'-Dimethoxytrityl)-N4-benzoyl-5-methyl-2'-deoxycytidine	249
	N4-Benzoyl-2'-deoxy-5'-O-DMT-5-methylcytidine	103
C <sub>38</sub> H <sub>37</sub> N <sub>3</sub> O <sub>8</sub>	N4-Benzoyl-5'-O-DMT-5-methylcytidine	109
	N4-Benzoyl-5'-O-DMT-2'-O-methylcytidine	109
C <sub>38</sub> H <sub>40</sub> N <sub>6</sub> O <sub>7</sub>	6-O-(2-Cyanoethyl)-2'-deoxy-5'-O-DMT-N2-isobutyrylguanosine	156
C <sub>38</sub> H <sub>40</sub> N <sub>2</sub> O <sub>11</sub> P <sub>2</sub>	Thymidine-3',5'-tetraabenzoyldiphosphate	364
C <sub>38</sub> H <sub>43</sub> N <sub>5</sub> O <sub>9</sub>	5'-O-DMT-N2-isobutyryl-2'-O-(2-methoxyethyl)guanosine	259
C <sub>38</sub> H <sub>47</sub> N <sub>5</sub> O <sub>6</sub> Si	2'-tert-Butyldimethylsilyl-5'-DMT-N6-methyladenosine	131
C <sub>38</sub> H <sub>47</sub> N <sub>3</sub> O <sub>6</sub> Si	N4-Acetyl-3'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine	12
	N4-Acetyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine	12
C <sub>39</sub> H <sub>31</sub> N <sub>3</sub> O <sub>5</sub>	2',3'-Dideoxy-5'-O-DMT-cytidine	241
C <sub>39</sub> H <sub>33</sub> N <sub>5</sub> O <sub>7</sub>	2',3',5'-Tri-O-benzoyl-N6-benzyl-2'-C-methyladenosine	373
C <sub>39</sub> H <sub>35</sub> F <sub>3</sub> N <sub>4</sub> O <sub>8</sub>	N4-Benzoyl-2'-deoxy-5'-O-DMT-2'-trifluoroacetamidocytidine	104
C <sub>39</sub> H <sub>37</sub> N <sub>5</sub> O <sub>7</sub>	2'-Deoxy-5'-O-DMT-N6-phenoxyacetyladenosine	188
	2'-Deoxy-3'-O-DMT-5'-O-phenoxyacetyladenosine	188
	N6-Benzoyl-5'-O-DMT-2'-O-methyladenosine	108
C <sub>39</sub> H <sub>37</sub> N <sub>5</sub> O <sub>8</sub>	5'-O-DMT-N2-phenylacetylguanosine	262
	5'-O-DMT-2'-O-methyl-N6-phenoxyacetyladenosine	261
C <sub>39</sub> H <sub>39</sub> N <sub>5</sub> O <sub>7</sub>	N6-Benzoyl-5'-O-DMT-N3-methyladenosine	108
C <sub>39</sub> H <sub>39</sub> N <sub>3</sub> O <sub>8</sub>	N4-Benzoyl-5'-O-DMT-2'-O-methyl-5-methylcytidine	109
C <sub>39</sub> H <sub>41</sub> N <sub>5</sub> O <sub>10</sub>	2'-Deoxy-5'-O-DMT-N2-isobutyrylguanosine 3'-O-succinate	186
C <sub>39</sub> H <sub>41</sub> N <sub>4</sub> O <sub>22</sub> P <sub>3</sub>	Fluorescein-5(6)-carboxamidocaproyl-(5-[3-aminoallyl]uridine 5'-triphosphate) - 1 mM aqueous solution	275
C <sub>39</sub> H <sub>46</sub> N <sub>4</sub> O <sub>8</sub>	5-[N-(6-Aminoethyl)-3-E-acrylamido]-2'-deoxy-5'-O-DMT-uridine	54
C <sub>39</sub> H <sub>66</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S	Linoleoyl coenzyme A	303
C <sub>39</sub> H <sub>67</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> SK	Oleoyl coenzyme A potassium salt	337
C <sub>39</sub> H <sub>68</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S	Oleoyl coenzyme A	337
C <sub>39</sub> H <sub>70</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S	Stearoyl coenzyme A	354
C <sub>35</sub> H <sub>35</sub> N <sub>2</sub> O <sub>11</sub> ·C <sub>5</sub> H <sub>9</sub> N	5'-O-DMT-thymidine 3'-O-succinic acid Pyridinium salt	263
C <sub>40</sub> H <sub>41</sub> N <sub>3</sub> O <sub>9</sub>	N4-Benzoyl-5'-O-DMT-2'-O-(2-methoxyethyl)cytidine	108

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C <sub>34</sub> H <sub>32</sub> FN <sub>2</sub> O <sub>10</sub> ·C <sub>6</sub> H <sub>16</sub> N	2'-Deoxy-5'-O-DMT-2'-fluorouridine 3'-O-succinate triethylammonium salt	183
C <sub>60</sub> H <sub>72</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S	Nonadecanoyl coenzyme A	336
C <sub>41</sub> H <sub>39</sub> N <sub>3</sub> O <sub>10</sub>	5'-O-DMT-2'-O-propylphthalimidouridine	262
C <sub>41</sub> H <sub>41</sub> N <sub>5</sub> O <sub>8</sub>	N-Benzoyl-5'-O-(bis(4-methoxyphenyl)phenylmethyl)-2'-O-(2-methoxyethyl)adenosine	111
C <sub>41</sub> H <sub>41</sub> N <sub>6</sub> O <sub>20</sub> P <sub>3</sub>	Fluorescein alkynylamino-ATP - 1.0 mM solution	275
C <sub>41</sub> H <sub>43</sub> N <sub>3</sub> O <sub>8</sub>	N <sub>4</sub> -Benzoyl-5'-O-DMT-2'-O-(2-Methoxyethyl)-5-methylcytidine	108
C <sub>41</sub> H <sub>44</sub> N <sub>2</sub> O <sub>7</sub> SSi	2'-O-(tert-Butyldimethylsilyl)-3'-O-(phenoxythioncarbonyl)-5'-O-trityluridine	133
C <sub>41</sub> H <sub>45</sub> F <sub>3</sub> N <sub>4</sub> O <sub>9</sub>	5'-O-DMT-5-[N-(6-(trifluoroacetamido)hexyl)-3-E-acrylamido]-2'-deoxyuridine	265
C <sub>35</sub> H <sub>34</sub> FN <sub>2</sub> O <sub>10</sub> ·C <sub>6</sub> H <sub>16</sub> N	1-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)thymine 3'-O-succinate triethylammonium salt	182
C <sub>41</sub> H <sub>51</sub> N <sub>5</sub> O <sub>8</sub> Si	5'-O-(4,4'-Dimethoxytrityl)-2'-O-(tertbutyldimethylsilyl)-N-isobutryl-Guanosine 3'-O-tert-Butyldimethylsilyl-5'-O-DMT-N <sub>2</sub> -isobutrylguanosine	250
C <sub>35</sub> H <sub>36</sub> N <sub>2</sub> O <sub>11</sub> ·C <sub>6</sub> H <sub>15</sub> N	5'-O-DMT-thymidine 3'-O-succinate triethylammonium salt	263
C <sub>42</sub> H <sub>41</sub> N <sub>3</sub> O <sub>10</sub>	5'-O-DMT-5-methyl-3'-O-propylphthalimidouridine	261
C <sub>42</sub> H <sub>43</sub> N <sub>5</sub> O <sub>8</sub>	2'-Deoxy-5'-O-DMT-N <sub>2</sub> -(4-isopropylphenoxyacetyl)guanosine	187
C <sub>42</sub> H <sub>43</sub> N <sub>3</sub> O <sub>13</sub> S	3-N-Boc-5'-O-DMT-3'-O-nosylthymidine	122
C <sub>42</sub> H <sub>47</sub> N <sub>12</sub> O <sub>28</sub> S <sub>8</sub>	S-Adenosylmethione-1,4-butanedisulfonate	28
C <sub>43</sub> H <sub>49</sub> N <sub>3</sub> O <sub>8</sub> Si	N <sub>4</sub> -Benzoyl-3'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine	96
	N <sub>4</sub> -Benzoyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-cytidine	96
C <sub>37</sub> H <sub>35</sub> N <sub>3</sub> O <sub>9</sub> P·C <sub>6</sub> H <sub>16</sub> N	N <sub>4</sub> -Benzoyl-2'-deoxy-5'-O-DMT-cytidine 3'-phosphonate triethylammonium salt	100
C <sub>43</sub> H <sub>52</sub> FN <sub>6</sub> O <sub>7</sub> P	2'-Deoxy-N <sub>2</sub> -DMF-5'-DMT-2'-fluoroguanosine 3'-CE phosphoramidite	181
C <sub>43</sub> H <sub>82</sub> N <sub>13</sub> O <sub>19</sub> P <sub>3</sub> S <sub>2</sub>	Biotinyl coenzyme A	120
C <sub>44</sub> H <sub>45</sub> N <sub>3</sub> O <sub>10</sub>	5'-O-DMT-3'-O-hexylphthalimidouridine	258
	5'-O-DMT-2'-O-hexylphthalimidouridine	258
C <sub>44</sub> H <sub>46</sub> N <sub>4</sub> O <sub>9</sub>	5'-O-DMT-2'-O-hexylphthalimidocytidine	257
C <sub>44</sub> H <sub>49</sub> N <sub>5</sub> O <sub>7</sub> Si	N <sub>6</sub> -Benzoyl-3'-O-tert-butylidimethylsilyl-5'-O-DMT-adenosine	95
	N <sub>6</sub> -Benzoyl-2'-O-tert-butylidimethylsilyl-5'-O-DMT-adenosine	95
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C <sub>45</sub> H <sub>47</sub> N <sub>3</sub> O <sub>10</sub>	5'-O-DMT-3'-O-hexylphthalimido-5-methyluridine	258
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C <sub>39</sub> H <sub>39</sub> FN <sub>5</sub> O <sub>10</sub> ·C <sub>6</sub> H <sub>16</sub> N	9-(2'-Deoxy-5'-O-DMT-2'-fluoro-b-D-arabinofuranosyl)-N <sub>2</sub> -isobutrylguanine 3'-O-succinate triethylammonium salt	182
C <sub>39</sub> H <sub>40</sub> FN <sub>5</sub> O <sub>10</sub> ·C <sub>6</sub> H <sub>16</sub> N	2'-Deoxy-5'-O-DMT-2'-fluoro-N <sub>2</sub> -isobutrylguanosine 3'-O-succinate triethylammonium salt	183
C <sub>46</sub> H <sub>45</sub> N <sub>3</sub> O <sub>13</sub> S	3-N-(2,4-Dimethylbenzyl)-1-(5'-O-DMT-3'-O-nitrophenylsulphonyl-2'-deoxy-b-D-lyxofuranosyl)thymidine	251
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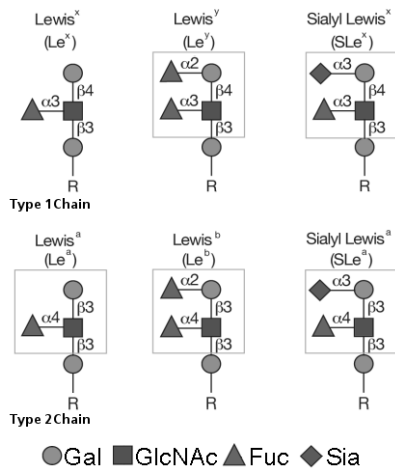
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# Carbosynth



## Lewis Sugars

The antigens of the Lewis system are carbohydrate determinants carried either on proteins or lipids. Although they were first detected on red blood cells (RBCs), the majority of the biochemical studies have been performed on Lewis substances isolated from plasma or saliva. They are assembled by sequential addition of specific monosaccharides onto terminal saccharide precursor chains on glycolipids or glycoproteins. On the erythrocyte surface they reside on glycolipids. In contrast to the other blood group antigens, the synthesis of these glycolipids does not occur in erythroid tissues, but they are acquired by the erythrocyte membranes from other tissues through circulating lipoproteins.<sup>1</sup>



**Figure 1** Schematic structure of the Lewis sugars  
Structure and Biosynthesis of Lewis Sugars

The ABH and Lewis glycoproteins possess a common basic structure and their blood group specificity is determined by the sequence and linkage. There are four Lewis antigens, termed Lewis A ( $Le^a$ ), Lewis B ( $Le^b$ ), Lewis X ( $Le^x$ ) and Lewis Y ( $Le^y$ ). (Product codes OL04541, OL02434, OL06490 and OL06521 respectively.)  $Le^a$  and  $Le^x$  are the product of the action of an  $\alpha$ -1,3-1,4-fucosyltransferase (gene code: FUT3) which adds fucose on the central GlcNAc of the core sugar (see figure 1). If the fucose is added to a type 2 core carbohydrate in an  $\alpha$ -1,4 linkage the resulting product is known

as  $Le^y$ , and if the core is a type 1 chain then the fucose is added via an  $\alpha$ -1,3 linkage and  $Le^x$  is synthesised. (Type 1 chains have a  $\beta$ -1,3 core Gal, whilst type 2 chains possess  $\beta$ -1,4 Gal core).  $Le^b$  and  $Le^y$  antigens are synthesised by the action of a second fucosyl transferase (gene code: FUT2 or Se gene) which adds a second fucose  $\alpha$ -1,2 onto the terminal galactose of the Lewis antigen.<sup>2</sup>

Complete  $Le^b$  or  $Le^y$  sugars cannot be further glycosylated due to steric hindrance but  $Le^a$  or  $Le^x$  is often found sialylated to give sialyl Lewis A ( $sLe^a$ ) and sialyl Lewis X ( $sLe^x$ ) respectively (product codes OS00745 and OS04058).

### Tissue Distribution

As noted above the Lewis antigens are not synthesized in erythrocyte progenitors. The glycolipids that carry the Lewis antigens circulate in plasma either bound to serum lipoproteins or in the form of aqueous dispersions and can become adsorbed to the erythrocyte by a passive adsorption process.<sup>1</sup> The synthesis of Lewis glycans occurs predominantly in epithelial cells, mostly of endothelial origin and the digestive track is probably a major, but not exclusive, site of Lewis antigen synthesis. Lewis and related antigens may also occur as free oligosaccharides in milk and urine or may be protein-bound in a variety of tissues.

Surprisingly red blood cells from newborns are neither Lewis A nor B regardless of their genetic makeup as their cells have not had time to adsorb Lewis antigens from the plasma.<sup>3</sup>

### Clinical Relevance of Lewis Antigens

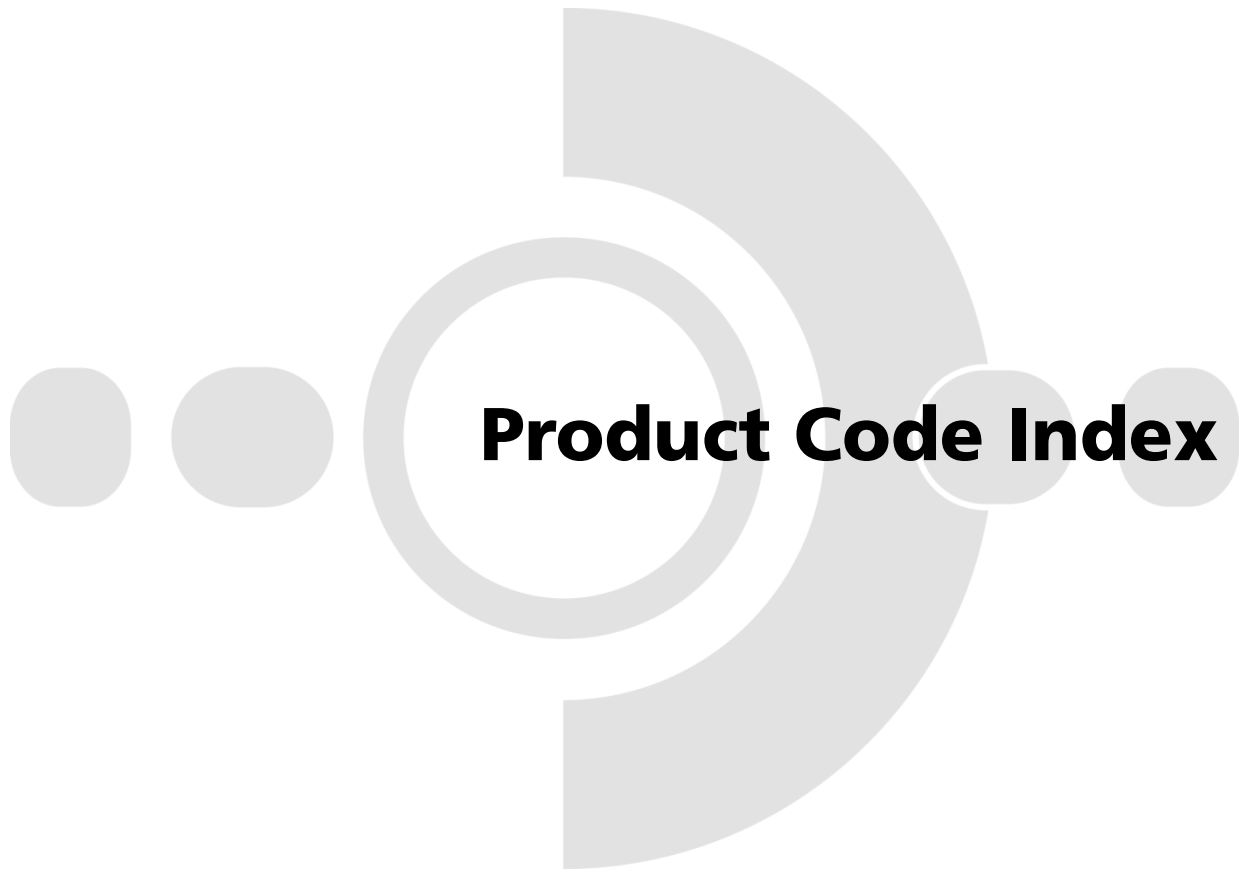
Immuno-histochemical studies on tumour specimens have shown that  $Le^x$  and  $Le^a$  structures are frequently over-expressed in carcinomas, being carried on O-glycans as well as on N-glycans and glycosphingolipids. In fact  $sLe^x$  and  $sLe^a$  were first identified as tumour antigens<sup>4</sup> rather than blood antigens. The expression of these antigens by epithelial carcinomas correlates with tumour progression, metastatic spread, and poor prognosis in humans, and metastatic potential in mice. Since  $sLe^x$  and  $sLe^a$  can bind to the selectins involved in cell adherence and immune stimulation it is reasonable to postulate that any tumour cells expressing  $sLe^x$  and  $sLe^a$  have an advantage in metastasis and immune avoidance<sup>5</sup>.

The discovery that *Helicobacter pylori* (the causative agent in gastritis, peptic ulcers and gastric carcinoma) uses a fucose of  $Le^b$  as a receptor to establish infection<sup>6</sup> has stimulated research in the role of Lewis status in many diseases of the GI tract.

Lewis antigens have also been implicated as having a role in transplant immunology as studies suggest those transplant patients who are  $Le^a$  and  $Le^b$  negative have shorter transplant survival times than those who have a Lewis gene.<sup>7</sup>

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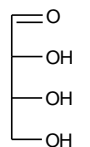
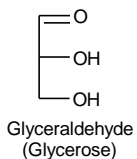
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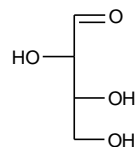


# Acyclic and Cyclic Aldoses

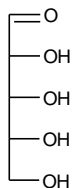
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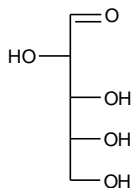
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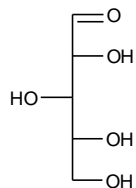
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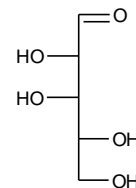
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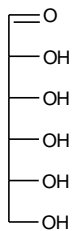
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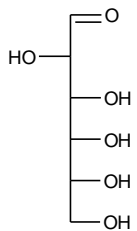
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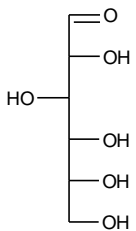
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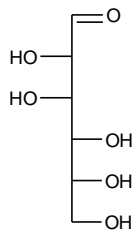
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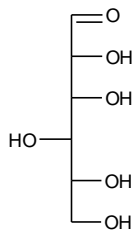
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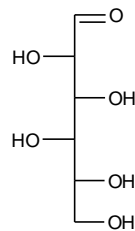
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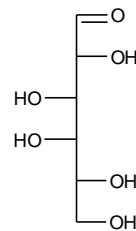
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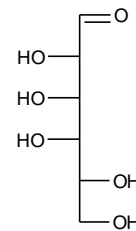
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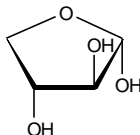
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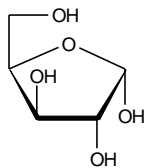
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# Cyclic Forms of α-D-Aldoses

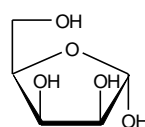
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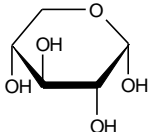
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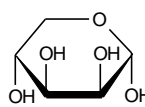
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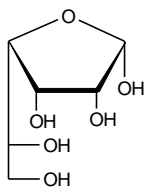
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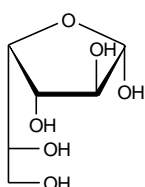
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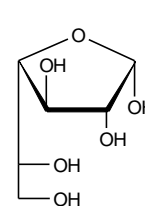
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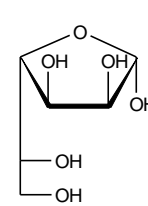
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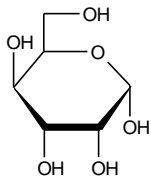
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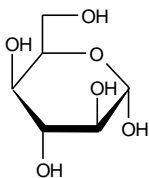
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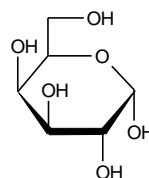
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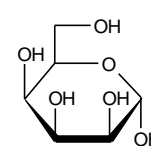
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Galactopyranose

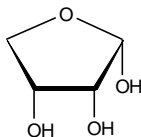


Talopyranose

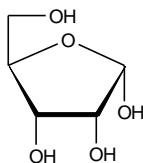


# Cyclic Forms of α-D-Aldoses

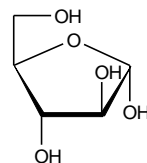
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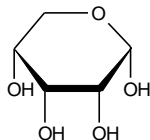
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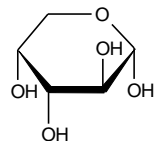
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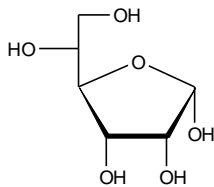
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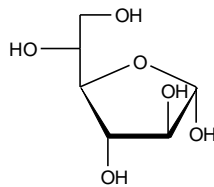
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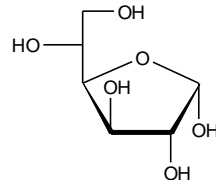
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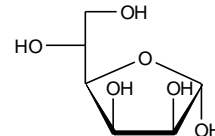
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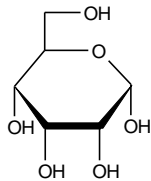
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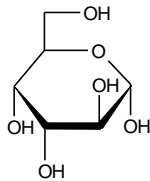
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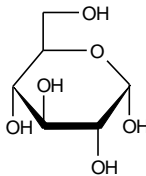
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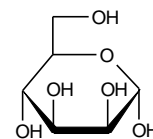
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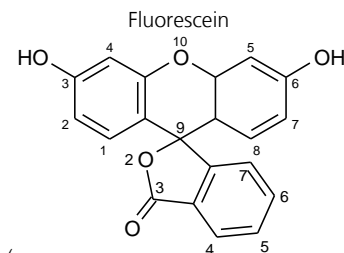
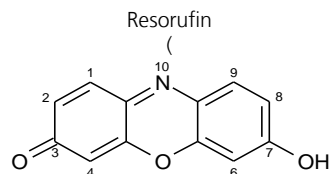
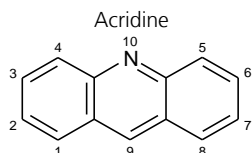
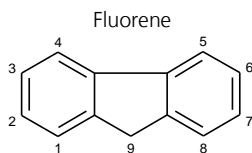
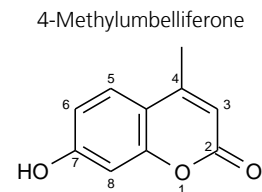
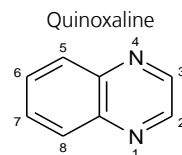
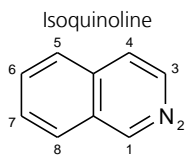
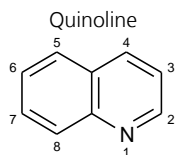
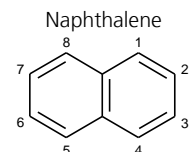
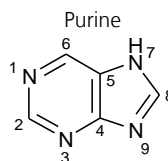
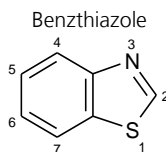
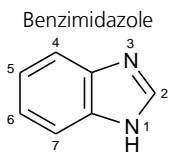
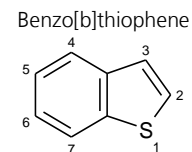
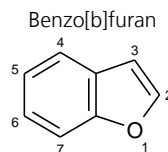
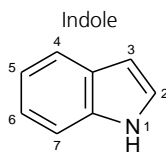
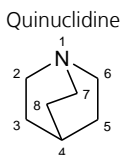
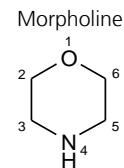
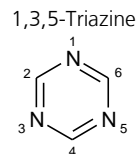
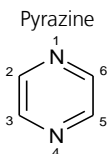
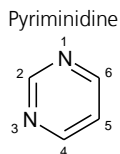
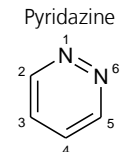
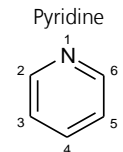
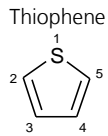
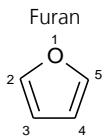
Mannopyranose





# 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		

# Carbosynth



Bulk Manufacture of **EDC**

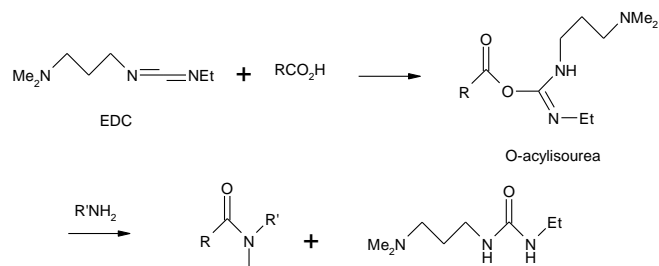
## Water Soluble Carbodiimide

1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide hydrochloride, usually known as water soluble carbodiimide, EDC, EDAC or WSC (product code FD05800) is a versatile modern coupling agent. It is an easily handled solid with high solubility in water ( $> 200\text{g l}^{-1}$ ) and organic solvents such as dichloromethane, tetrahydrofuran and dimethylformamide.

EDC is often preferred to dicyclohexylcarbodiimide (DCC) in peptide synthesis because of its ease of handling and the enhanced solubility of EDC and the urea by-product formed during the coupling reaction. The urea by-product is readily soluble in water and can easily be removed by extraction whereas the DCC by-product, dicyclohexylurea, is usually removed by multiple filtrations.

EDC can be used in a wide range of solvents and under mild conditions. The most common reaction conditions involve a solvent such as water, dichloromethane, tetrahydrofuran or dimethylformamide at room temperature for 6 -12 hrs. The coupling of an acid to an amine to form a peptide bond in the presence of EDC proceeds via an O-acylisourea intermediate as shown below (Scheme 1).

Scheme 1

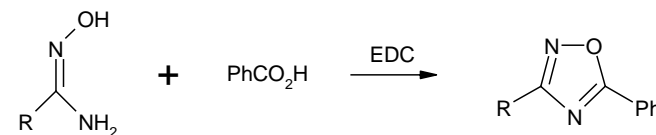


As well as being used for the synthesis of amides, EDC is also used as a coupling agent in the preparation of esters from carboxylic acids using dimethylaminopyridine as the catalyst. This procedure has been used to prepare tert-butyl esters of N-protected amino acids.<sup>2</sup>

The oxadiazole ring system (which is present in a range of pharmaceutical active products) has been synthesised using EDC to couple a carboxylic acid group to form the ring. This procedure has the advantage over other methods in that carboxylic acids are readily available and this procedure is compatible with a variety of functional groups (Scheme 2).<sup>3</sup>

Although EDC can be used for reactions in aqueous solution it is usually stored under dry conditions to prevent slow hydrolysis to the corresponding urea. EDC is not a strong skin sensitiser like DCC, but it is an irritant solid and should be handled with care.

Scheme 2



### References:

1. JC Sheehan, J Preston, PA Cruickshank, J. Am. Chem. Soc., 1965, 87, 2492.
2. MK Dhaon, RK Olsen, K. Ramasamy, J. Org. Chem, 1982, 47, 1962.
3. G-B Ling, DD Feng, Tetrahedron Lett, 1996, 37, 6627

# Carbosynth



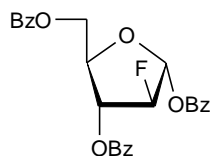
The Source for **Carbohydrates and Nucleosides**

## Fluorination Technology

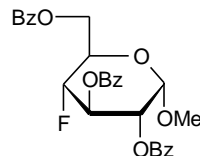
Fluorinated organic compounds have attracted wide interest in drug discovery due to the fluorine's small size (similar to hydrogen), the stable carbon-fluorine bond and its electronegativity. Carbosynth has developed expertise in fluorination of carbohydrates and nucleosides and this technology has been successfully applied at both lab and plant scale.

### Monosaccharides

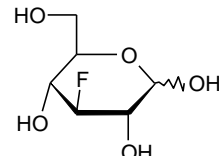
Our fluorination technology has been used to make the following types of monosaccharide



1,3,5-Tri-O-benzoyl-2-deoxy-2-fluoro- $\alpha$ -D-arabinofuranose (MT04218)



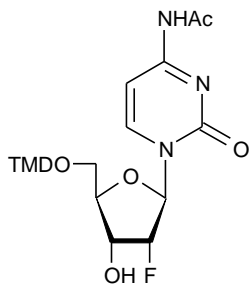
Methyl 2,3,6-tri-O-benzoyl-4-deoxy-4-fluoro- $\alpha$ -D-glucopyranoside (MM06982)



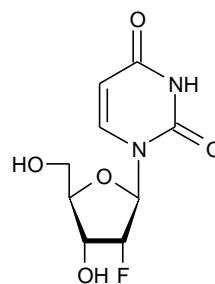
3-Deoxy-3-fluoro-D-glucose (MD05769)

### Nucleosides and Bases

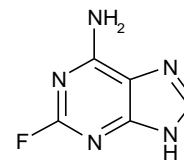
We have extended our technology to nucleosides and nucleoside bases, a few of which are listed here:



N4-Acetyl-2'-deoxy-5'-O-DMT-2'-fluoro-D-cytidine (NA06052)



2'-Deoxy-2'-fluoro-D-uridine (ND06544)



2-Fluoroadenine (FF05946)

# 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

新竹辦事處 03-5640901

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