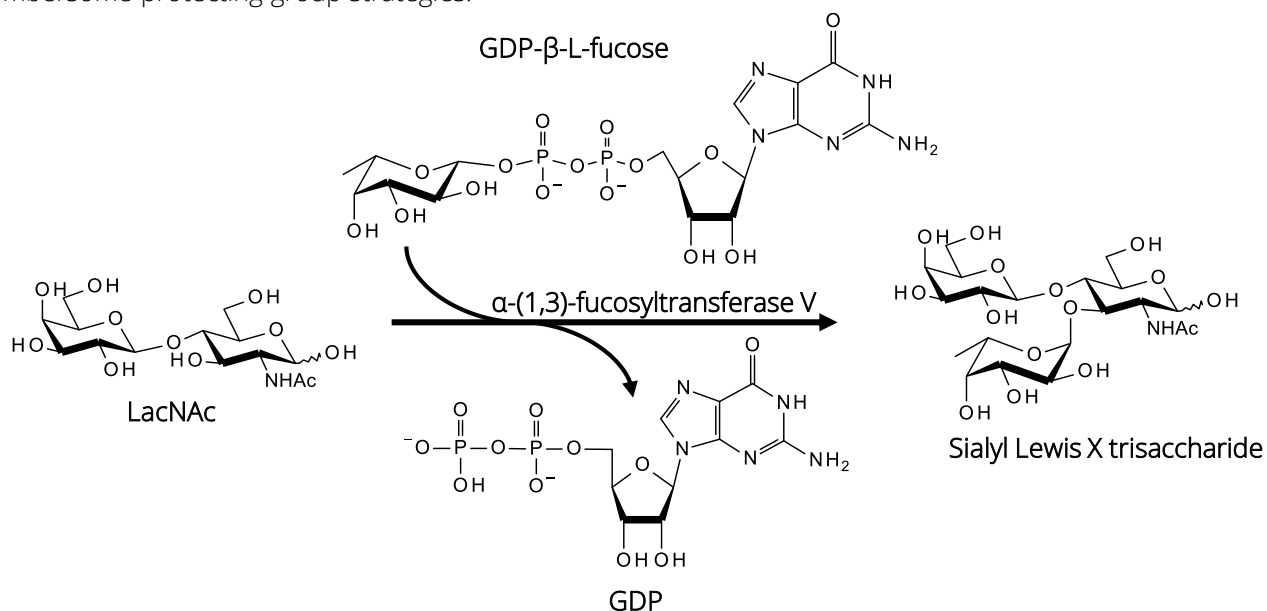


Sugar Nucleotides

Sugar nucleotides are known as activated sugars and are composed of a nucleoside and a monosaccharide residue linked by a pyrophosphate moiety. They are key substrates for the synthesis of complex polysaccharides and the glycosylation of peptides and lipids. The enzymatic formation of glycosidic linkages using Leloir glycosyltransferases allows quick access to complex carbohydrates and forms an attractive alternative to synthetic methods. These enzymes are regio- and stereoselective and do not require cumbersome protecting group strategies.



We offer a wide range of sugar nucleotides as useful building blocks for the preparation of biologically relevant oligosaccharides and glycoconjugates. Also, a range of modified sugar nucleotides is available for the study of biosynthetic pathways, such as Lipid A or (Sia)LeX biosynthesis.

Code	Product	Activity	Quantity	Price (\$)
MG31129	GDP-D-Glc	Substrate for glucosyltransferase	1 mg	50.00
MU08960	UDP-D-Glc disodium salt	Substrate for β -glucosyltransferase	500 mg	60.00
MG01912	GDP- β -L-Fuc	Substrate for fucosyltransferase	1 mg	85.00
MG05610	GDP-D-Man disodium salt	Substrate for mannosyltransferase	5 mg	75.00
MU07658	UDP- α -D-Xyl	Substrate for xylosyltransferase	1 mg	150.00
MU07955	UDP-GlcNAc disodium salt (other salts available)	Substrate for acetylglucosaminyltransferase	25 mg	75.00
MU06699	UDP- α -D-Gal disodium salt (other salts available)	Substrate for galactosyltransferase	10 mg	68.30
MU04515	UDP-GalNAc disodium salt	Substrate for N-acetylgalactosaminyltransferase	1 mg	65.00
MU08961	UDP-D-GlcU trisodium salt	Substrate for glucuronosyltransferase	25 mg	50.00
MC04391	CMP-Neu5Ac sodium salt	Substrate for sialyltransferase	2 mg	60.00
MU75071	UDP-3-O-(R-3-hydroxydecanoyl)-GlcNAc	Substrate for UDP-3-O-acyl-GlcNAc deacetylase	1 mg	2500.00
MU61464	UDP-3-O-(R-3-hydroxymyristoyl)-GlcNAc	Substrate for UDP-3-O-acyl-GlcNAc deacetylase	50 mg	19513.00
MG45937	GDP-2F-Fuc ammonium salt	Inhibitor of α -(1,3)-fucosyltransferase V	1 mg	500.00