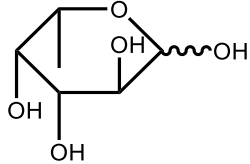
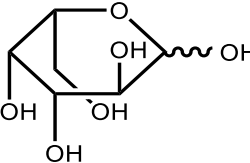
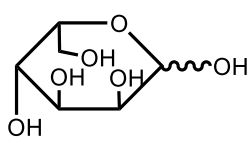
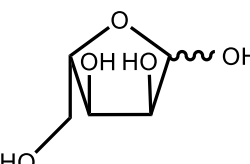
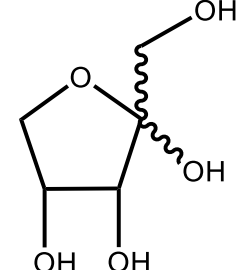


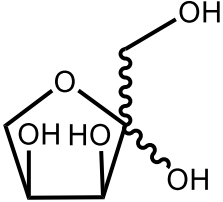
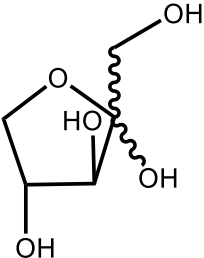
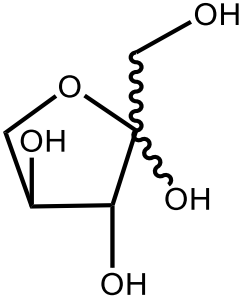
zuCarb™ Product Catalog: April 24, 2019

Monosaccharides

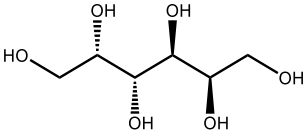
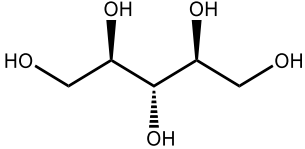
Rare Sugars

Name/CAS	Structure	Availability	Product Code / Amount / Pricing
L-Fucose 2438-80-4		Immediate White powder	LFC-10 / 10 g / \$495 Inquire for kilo and ton pricing
L-Galactose 15572-79-9		Immediate White powder	LGL-5 / 5 g / \$495 LGL-25 / 25 g / \$995
L-Gulose 6027-89-0		2-3 weeks Syrup	LGU-4 / 4 g / \$295 LGU-10 / 10 g / \$995
L-Ribose 24259-59-4		Immediate White powder	LRI-5 / 5 g / \$295 LRI-10 / 10 g / \$495 LRI-25 / 25 g / \$995
D-Ribulose 488-84-6		Immediate Syrup	DRU-1 / 1 g / \$125 DRU-5 / 5 g / \$495 DRU-10 / 10 g / \$795

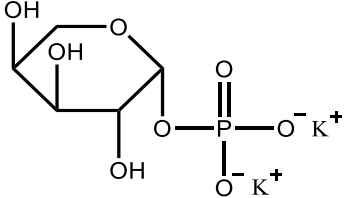
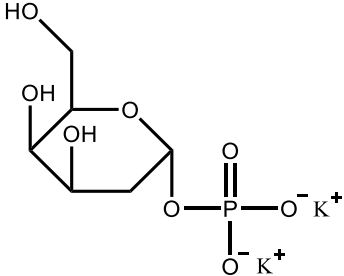
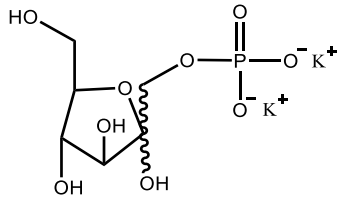
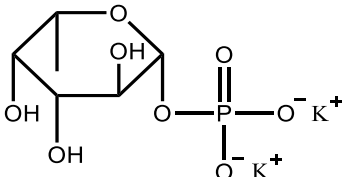
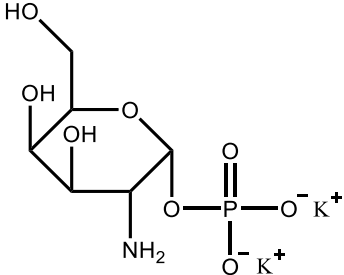
Rare sugars (cont'd)

Name CAS	Structure	Availability	Product Code / Amount / Pricing
L-Ribulose 2042-27-5		Immediate Syrup	LRU-5 / 5 g / \$175 LRU-10 / 10 g / \$295
D-Xylulose 551-84-8		Immediate Syrup	DXU-5 / 5 g / \$195 DXU-10 / 10 g / \$295
L-Xylulose 527-50-4		Immediate Syrup	LXU-5 / 5 g / \$195 LXU-10 / 10 g / \$295

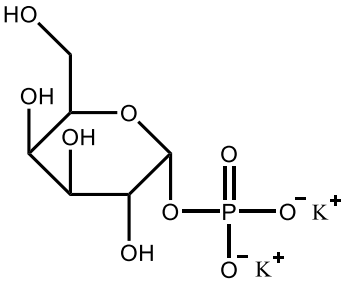
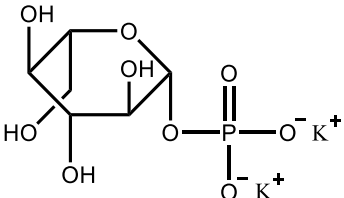
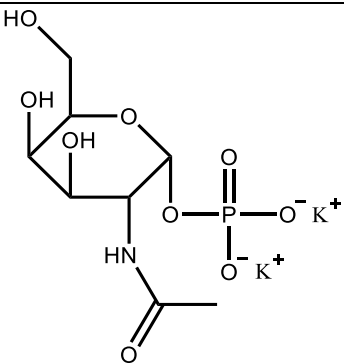
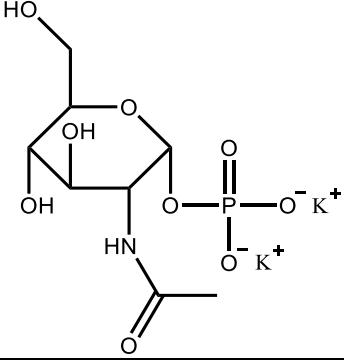
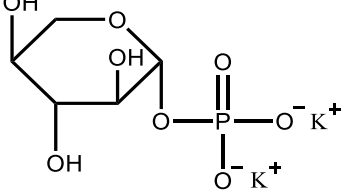
Polyols (Sugar alcohols)

Name/CAS	Structure	Availability	Pricing
Dulcitol 608-66-2		2-3 weeks White powder	Inquire
Ribitol 488-81-3		2-3 weeks	Inquire

Sugar-1-Phosphates

Name	Structure	Availability /Info	Product Code / Amount / Pricing
β-L-arabinose-1-phosphate (potassium salt)		Immediate Solid, amorphous	LAR1P-0010 / 10 mg / \$195 LAR1P-0025 / 25 mg / \$395 LAR1P-0100 / 100 mg / \$1295 LAR1P-0250 / 250 mg / \$2695
2-deoxy-α-D-galactose-1-phosphate (potassium salt)		3 weeks Solid, amorphous	2DGA1P-0010 / 10 mg / \$490 2DGA1P-0050 / 50 mg / \$1995 2DGA1P-0100 / 100 mg / \$3500 2DGA1P-0250 / 250 mg / \$7700
D-fructose-1-phosphate (potassium salt)		Immediate Solid, amorphous	DFR1P-0250 / 250 mg / \$295 DFR1P-1 / 1 g / \$995
β-L-fucose-1-phosphate (potassium salt)		3 weeks Solid, amorphous	LFC1P-0100 / 100 mg / \$295 LFC1P-0250 / 250 mg / \$595 LFC1P-1 / 1 g / \$2000
α-D-galactosamine-1-phosphate (potassium salt)		3 weeks Solid, amorphous	DGAN1P-0500 / 500 mg / \$2200 DGAN1P-1 / 1 g / \$3500

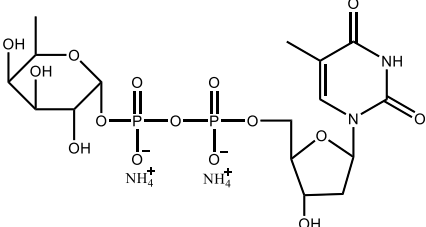
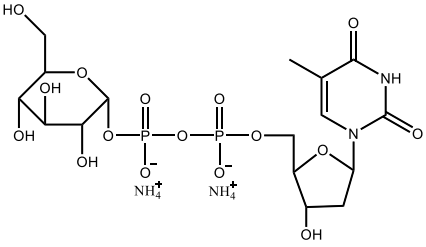
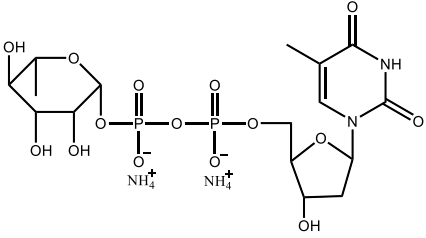
Sugar-1-Phosphates (continued)

Name	Structure	Availability /Info	Product Code / Amount / Pricing
α -D-galactose-1-phosphate (potassium salt)		2 weeks Solid, amorphous	DGA1P-100 / 100 g / \$8400 Inquire for kilo and ton pricing
β -L-glucose-1-phosphate (potassium salt)		Immediate Solid, amorphous	LGC1P-0010 / 10 mg / \$295 LGC1P-0050 / 50 mg / \$1195 LGC1P-0100 / 100 mg / \$1995
<i>N</i> -acetyl- α -D-galactosamine-1-phosphate (potassium salt)		3 weeks Solid, amorphous	NDGA1P-0010 / 10 mg / \$195 NDGA1P-0050 / 50 mg / \$795 NDGA1P-0100 / 100 mg / \$1295 NDGA1P-0250 / 250 mg / \$2595
<i>N</i> -acetyl- α -D-glucosamine-1-phosphate (potassium salt)		Immediate Solid, amorphous	NDGC1P-1 / 1 g / \$995 NDGC1P-5 / 5 g / \$4000
β -L-xylose-1-phosphate (potassium salt)		Immediate Solid, amorphous	LXY1P-0010 / 10 mg / \$95 LXY1P-0050 / 50 mg / \$395 LXY1P-0100 / 100 mg / \$695 LXY1P-0250 / 250 mg / \$1495

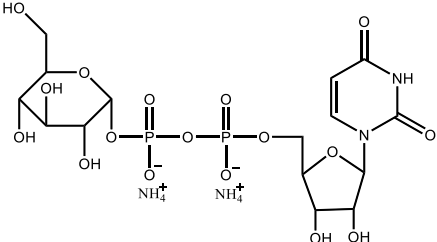
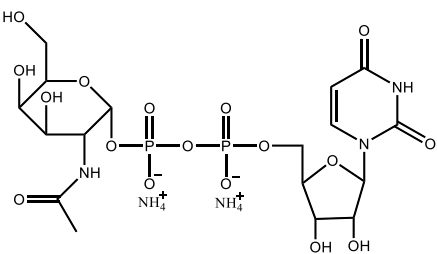
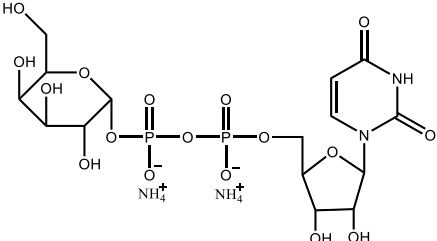
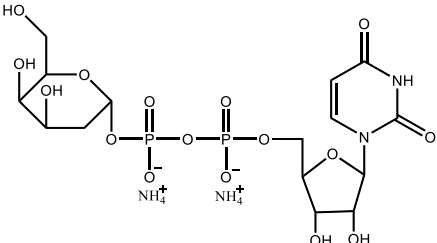
Many other sugar-1-phosphates are available by custom synthesis - please inquire.

Nucleosides/Activated Sugars

Activated Sugars – TDP

Name	Structure	Availability /Info	Product Code / Amount / Pricing
TDP- α -D-fucose (ammonium salt)		8 weeks	TDFC-0010 / 10 mg / \$1450
TDP- α -D-glucose (ammonium salt)		4 weeks	TDGC-0100 / 100 mg / \$495 TDGC-1 / 1g / \$2495
TDP- β -L-rhamnose (ammonium salt)		8 weeks	TLRH-0100 / 100 mg / \$4950

Activated Sugars - UDP

Name	Structure	Availability /Info	Product Code / Amount / Pricing
UDP- α -D-glucose (ammonium salt)		4 weeks	UDGC-0250 / 250 mg / \$75
UDP- α -N-acetyl-D-galactosamine (ammonium salt)		8 weeks	UNDGA-0025 / 25mg / \$1295
UDP- α -D-galactose (ammonium salt)		4 weeks	UDGA-0100 / 100 mg / \$495 UDGA-1 / 1 g / \$2495
UDP- α -2-deoxy-D-galactose (ammonium salt)		8 weeks	U2DGA-0010 / 10 mg / \$1295

Oligosaccharides

Name	Structure	Availability /Info	Pricing
Globotriose	Gal-(α 1-4)-Gal-(β 1-4)-Glc	In stock	Inquire
Lacto- <i>N</i> -neotetraose (LNnT)	Gal-(β 1-4)-GlcNAc-(β 1-3)-Gal-(β 1-4)-Glc	6-8 weeks	Inquire
<i>N,N'</i> -diacetylchitobiose	GlcNAc-(β 1-4)-GlcNAc	In stock	Inquire
	Gal-(α 1-4)-Gal-(α 1-6)-Glc-(α 1-2)-fructofuranoside		Inquire

Many other oligosaccharides and glycosylated products are available by custom synthesis - please inquire



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