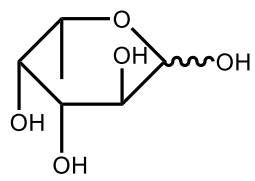
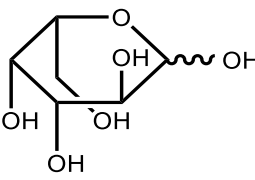
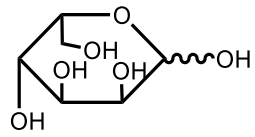
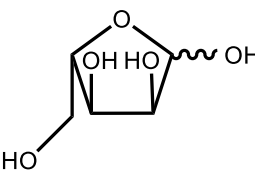
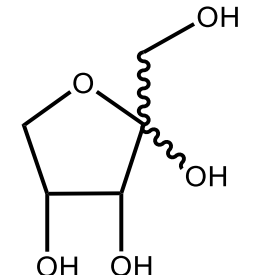


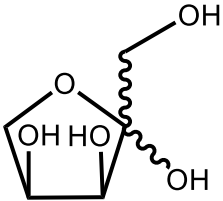
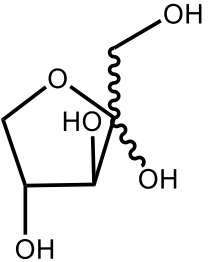
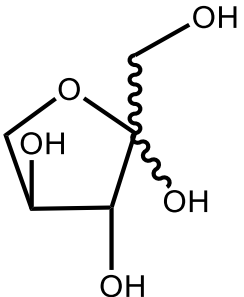
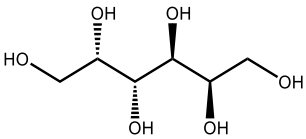
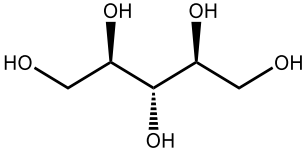
Product Catalog

zuCarb™ Rare Sugars

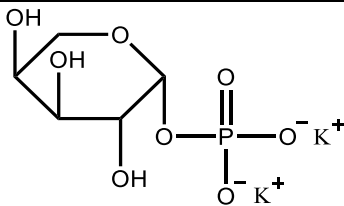
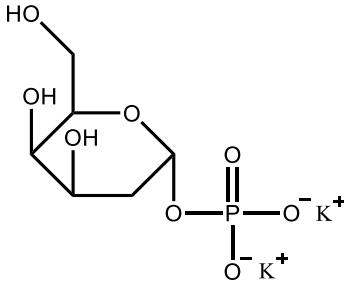
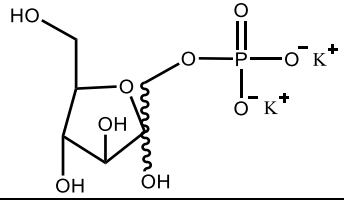
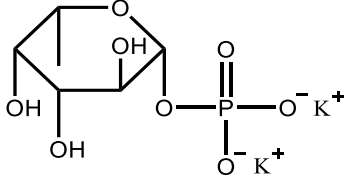
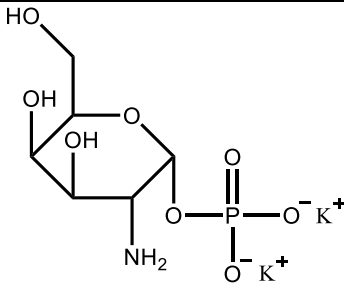
Monosaccharides

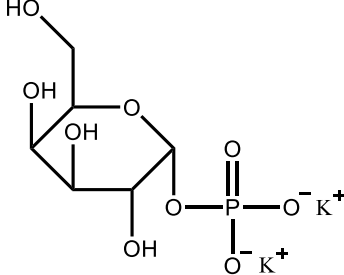
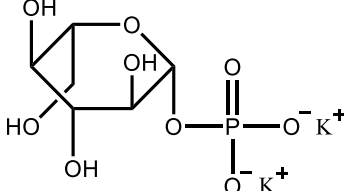
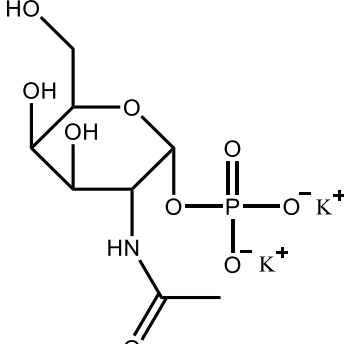
Name/CAS	Structure	Availability	Product Code / Amount / Pricing
L-Fucose 2438-80-4		In stock White powder	LFC-10 / 10 g / \$495 Inquire for kilo and ton pricing
L-Galactose 15572-79-9		In stock White powder	LGL-5 / 5 g / \$495 LGL-25 / 25 g / \$1495
L-Gulose 6027-89-0		2-3 weeks Syrup	LGU-5 / 5 g / \$250 LGU-10 / 10 g / \$445
L-Ribose 24259-59-4		In stock White powder	LRI-5 / 5 g / \$295 LRI-10 / 10 g / \$495 Inquire about kg pricing
D-Ribulose 488-84-6		In stock Syrup	DRU-0500 / 500 mg/\$250 DRU-1 / 1 g / \$450 DRU-5 / 5 g / \$995

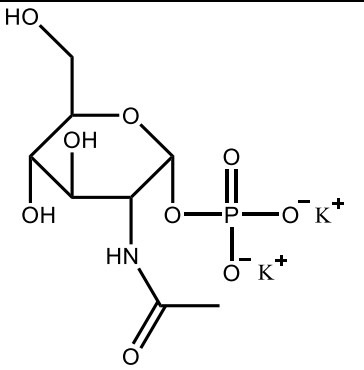
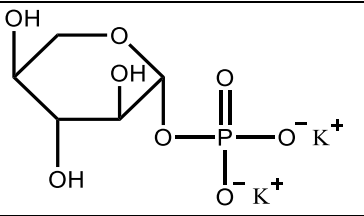
zuCarb™ Monosaccharides (cont'd)

Name CAS	Structure	Availability	Product Code / Amount / Pricing
L-Ribulose 2042-27-5		In stock Syrup	LRU-2 / 2 g / \$695 LRU-5 / 5 g / \$1495
D-Xylulose 551-84-8		In stock Syrup	DXU-1 / 1 g / \$250 DXU-5 / 5 g / \$995
L-Xylulose 527-50-4		In stock Syrup	LXU-1 / 1 g / \$495 LXU-5 / 5 g / \$1495
Dulcitol 608-66-2		2-3 weeks White powder	Inquire for kg+ quantities
Ribitol 488-81-3		2-3 weeks	Inquire for kg+ quantities

Sugar-1-Phosphates

Name	Structure	Availability /Info	Product Code / Amount / Pricing
β -L-arabinose-1-phosphate (potassium salt)		In stock Solid, amorphous	LAR1P-0010 / 10 mg / \$250 LAR1P-0050 / 50 mg / \$995
2-deoxy- α -D-galactose-1-phosphate (potassium salt)		3 weeks Solid, amorphous	2DGA1P-0010 / 10 mg / \$495 2DGA1P-0050 / 50 mg / \$1995
D-fructose-1-phosphate (potassium salt)		In stock Solid, amorphous	DFR1P-0100 / 100 mg / \$995
β -L-fucose-1-phosphate (potassium salt)		In stock Solid, amorphous	LFC1P-0010 / 10 mg / \$450 LFC1P-0050 / 50 mg / \$995
α -D-galactosamine-1-phosphate (potassium salt)		3 weeks Solid, amorphous	DGAN1P-0010 / 10 mg / \$750 DGAN1P-0050 / 50 mg / \$1995

<p>α-D-galactose-1-phosphate (potassium salt)</p>		<p>In stock Solid, amorphous</p>	<p>DGA1P-1 / 1 g / \$250 DGAP-10/10g/\$995</p>
<p>α-D-galactose-1-phosphate ammonium salt</p>		<p>Limited stock Ammonium salt</p>	<p><i>Closeout pricing...</i> DGA1PA-0100/100mg/\$50 DGA1PA-0250/250mg/\$100</p>
<p>β-L-glucose-1-phosphate (potassium salt)</p>		<p>2-3 weeks Solid, amorphous</p>	<p>LGC1P-0010 / 10 mg / \$250 LGC1P-0050 / 50 mg / \$995 LGC1P-0100 / 100 mg / \$1495</p>
<p>β-L-glucose-1-phosphate (ammonium salt)</p>		<p>Limited stock Ammonium salt Solid, amorphous</p>	<p><i>Closeout pricing</i> LGC1PA-0010 / 10 mg / \$125 LGC1PA-0050 / 50 mg / \$450 LGC1PA-0100 / 100 mg / \$995</p>
<p>N-acetyl-α-D-galactosamine-1-phosphate (potassium salt)</p>		<p>3 weeks Solid, amorphous</p>	<p>NDGA1P-0010 / 10 mg / \$195 NDGA1P-0050 / 50 mg / \$795</p>

<p><i>N</i>-acetyl-α-D-glucosamine-1-phosphate (potassium salt)</p>		<p>In stock Solid, amorphous</p>	<p>NDGC1P-0010 / 10 mg / \$150 NDGC1P-0050 / 50 mg / \$495</p>
<p>β-L-xylose-1-phosphate (potassium salt)</p>		<p>In stock Solid, amorphous</p>	<p>LXY1P-0010 / 10 mg / \$150 LXY1P-0050 / 50 mg / \$495</p>
<p>Trehalose-6-phosphate</p>		<p>In stock</p>	<p>TR6P-0010/10mg/\$150 TR6P-0025/25mg/\$350</p>
<p>D-fucose-1-phosphate Dipotassium salt</p>		<p>2 weeks</p>	<p>DFU1P-0010/10 mg/\$800</p>

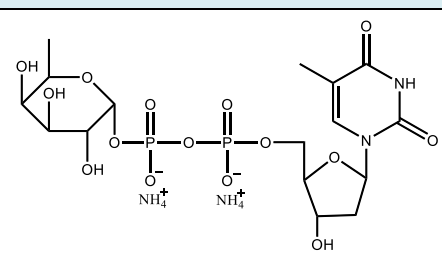
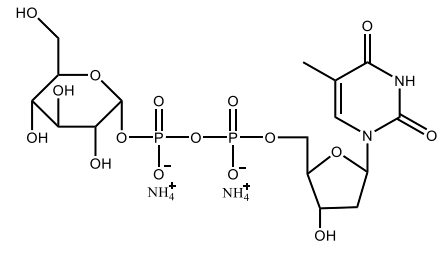
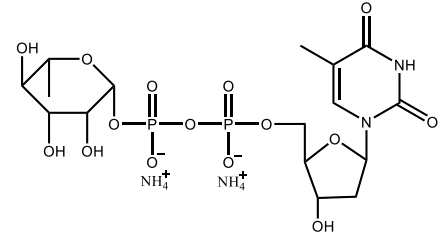
Many other sugar-1-phosphates are available by custom synthesis - please inquire.

Nucleosides/Activated Sugars

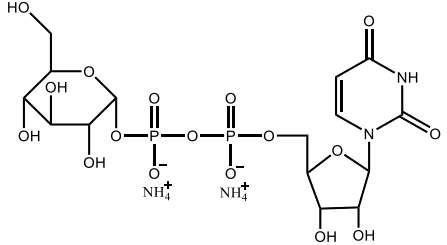
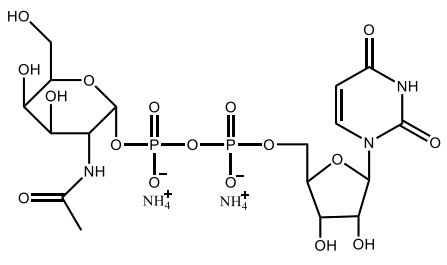
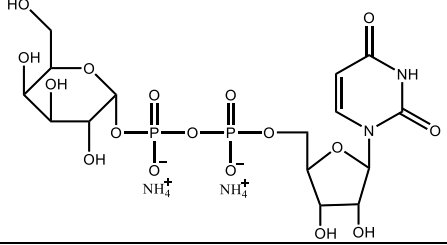
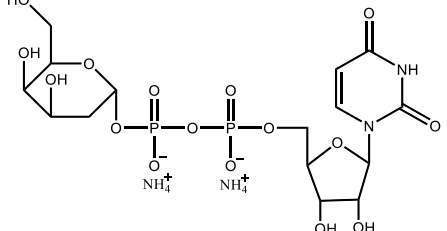
Activated Sugars – GDP

Name	Structure	Availability /Info	Product Code / Amount / Pricing
GDP-β-L-fucose (disodium salt)		In stock	GLFC-0050 / 50 mg / \$1250

Activated Sugars – TDP

Name	Structure	Availability /Info	Product Code / Amount / Pricing
TDP-α-D-fucose (ammonium salt)		In stock	TDFC-0010 / 10 mg / \$995
TDP-α-D-glucose (ammonium salt)		4 weeks	TDGC-0010 / 10 mg / \$995
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 / 10mg / \$995
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 / \$995

Oligosaccharides

Name	Structure	Availability /Info	Product Code / Amount / Pricing
Globotriose	Gal-(α 1-4)-Gal-(β 1-4)-Glc	In stock	GLBO-0050/50mg/\$450 GLBO-0200/200mg/\$1500
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 (chitobiose)	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