



CATALOG 08/2009

c/o University of Hamburg, Martin-Luther-King-Platz 6, 20146 Hamburg  
ph +49 40 41092670 | fax 41092671

[www.glycoteam.de](http://www.glycoteam.de) | [www.glycoteam.com](http://www.glycoteam.com)

<mailto:glycoteam@glycoteam.de>

## **PRODUCT CATALOG CONTENTS:**

- [ACETATES \[ Page 1 \]](#)
- [ALKYLATED | ALKYLIDENATED \[ Page 1 \]](#)
- [AMINO SUGARS \[ Page 2 \]](#)
- [DEOXY SUGARS \[ Page 3 \]](#)
- [FLUORO SUGARS \[ Page 4 \]](#)
- [FREE SUGARS \[ Page 5-6 \]](#)
- [GLYCALs \[ Page 7-9 \]](#)
- [HEXOPYRANOSIDES | HEXOSE DERIVATIVES \[ Page 10 \]](#)
- [NUCLEOSIDE DIPHOSPHATES SUGAR DERIVATIVES \[ Page 10-11 \]](#)
- [OLIGOSACCHARIDES \[ Page 12-13 \]](#)
- [PHOSPHATES \[ Page 14 \]](#)
- [SUGARS DERIVATIVES \[ Page 15 \]](#)
- [THIOGLYCOSIDES \[ Page 15 \]](#)
- [HETEROCYCLES \[ Page 16 \]](#)
- [AMINO ALCOHOLS \[ Page 17- 21 \]](#)
- [PROTECTED | UNPROTECTED N-METHYLAMINO ACIDS \[ Page 21-23 \]](#)
- [About Us \[24\]](#)
- [Interactive Form \[25\]](#)

Pricing and availability needs to be confirmed

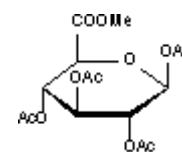
---

© 2009 Glycoteam® is a registered trademark and "Glycoteam GmbH" logo is trademark of the Glycoteam GmbH.

## ACETATES

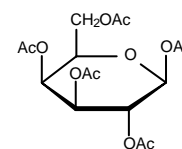
**AC-1 Methyl 1,2,3,4-tetra-O-acetyl-β-D-glucopyranuronate**      100 g      1900 EUR  
 1000 g      5500 EUR

$C_{15}H_{20}O_{11}$   
 M 376.32



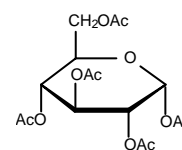
**AC-2 1,2,3,4,6-Penta-O-acetyl-β-D-galactopyranose**      500 g      800 EUR  
 1000 g      1600 EUR  
 \*ask for bulk price

$C_{16}H_{22}O_{11}$   
 M 390.34



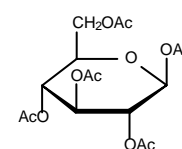
**AC-3 1,2,3,4,6-Penta-O-acetyl-α-D-glucopyranose**      500 g      690 EUR  
 1000 g      990 EUR  
 \*ask for bulk price

$C_{16}H_{22}O_{11}$   
 M 390.34



**AC-4 1,2,3,4,6-Penta-O-acetyl-β-D-glucopyranose**      500 g      690 EUR  
 1000 g      990 EUR

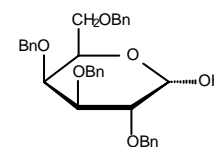
$C_{16}H_{22}O_{11}$   
 M 390.34



## ALKYLATED and ALKYLIDENATED SUGARS

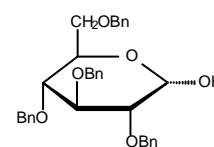
**AL-4 2,3,4,6-Tetra-O-benzyl-D-galactopyranose**      10 g      700 EUR  
 50 g      1800 EUR  
 100 g      2500 EUR  
 \*ask for bulk price

$C_{34}H_{36}O_6$   
 M 540.66



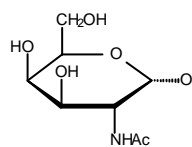
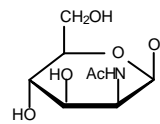
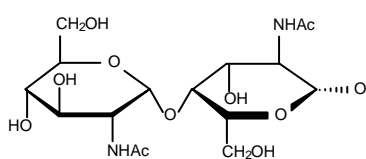
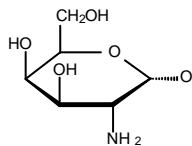
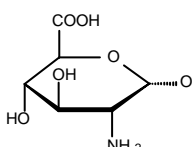
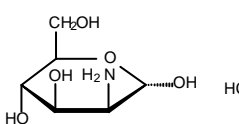
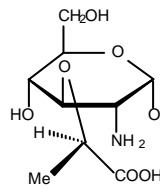
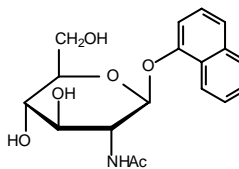
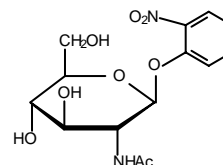
**AL-5 2,3,4,6-Tetra-O-benzyl-D-glucopyranose**      50 g      900 EUR  
 100 g      1500 EUR  
 \*ask for bulk price

$C_{34}H_{36}O_6$   
 M 540.66



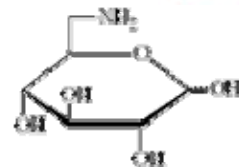
Pricing and availability needs to be confirmed

## AMINO SUGARS

<b>AM-1</b>	<b>N-Acetyl-D-galactosamine</b>	50 g	3000 EUR	*ask for bulk price	
	<b>C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub></b> <b>M 221.21</b>				
<b>AM-2</b>	<b>N-Acetyl-β-D-mannosamine</b>	50 g	2600 EUR	*ask for bulk price	
	<b>C<sub>8</sub>H<sub>15</sub>NO<sub>6</sub></b> <b>M 221.21</b>	100 g	4400 EUR		
<b>AM-11</b>	<b>N,N'-Diacetylchitobiose</b>	500 mg	3500 EUR	*ask for bulk price	
	<b>C<sub>16</sub>H<sub>28</sub>N<sub>2</sub>O<sub>11</sub></b>	1 g	5500 EUR		
	<b>M 424.41</b>	2 g	8500 EUR		
<b>AM-4</b>	<b>D-Galactosamine</b>	10 g	1400 EUR	*ask for bulk price	
	<b>C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub></b> <b>M 179.17</b>	100 g	6500 EUR		
<b>AM-5</b>	<b>D-Glucosaminic Acid</b>	100 g	1900 EUR		
<b>AM-6</b>	<b>D-Mannosamine hydrochloride</b>	20 g	1800 EUR	*ask for bulk price	
	<b>C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub> HCl</b> <b>M 215.67</b>	50 g	3500 EUR		
<b>AM-8</b>	<b>Muramic acid</b>	500 mg	3600 EUR	*ask for bulk price	
	<b>C<sub>9</sub>H<sub>17</sub>NO<sub>7</sub></b> <b>M 251.24</b>	1 g	5600 EUR		
<b>AM-9</b>	<b>1'-Naphthyl 2-acetamido-2-deoxy-β-D-glucopyranoside</b>	10 g	4200 EUR		
<b>AM-10</b>	<b>2'-Nitrophenyl 2-acetamido-2-deoxy-β-D-glucopyranoside</b>	10 g	3900 EUR		

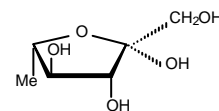
Pricing and availability needs to be confirmed

<b>AM-12</b>	<b>6-Desoxy-6-amino-D-glucopyranose</b>	1 g	2900
			EUR
		2 g	3900 EUR
	<b>C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub></b>		
	<b>M 179.17</b>		

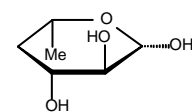


## DEOXY SUGARS

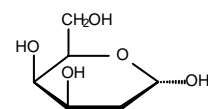
<b>D-8</b>	<b>6-Deoxy-L-Fructose</b>	25 g	1900 EUR
		50 g	3300 EUR
	<b>C<sub>6</sub>H<sub>12</sub>O<sub>5</sub></b>		
	<b>M 164.16</b>		



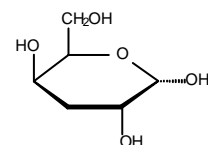
<b>D-9</b>	<b>4-Deoxy-L-Fucose</b>	250 mg	5300 EUR
	<b>C<sub>6</sub>H<sub>12</sub>O<sub>4</sub></b>		
	<b>M 148.20</b>		



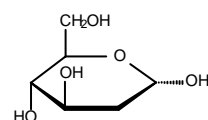
<b>D-1</b>	<b>2-Deoxy-D-galactose</b>	25 g	800 EUR
		100 g	2500 EUR
	<b>C<sub>6</sub>H<sub>12</sub>O<sub>5</sub></b>	500 g	6500 EUR
	<b>M 164.16</b>		



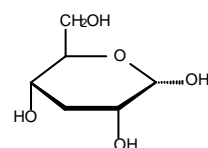
<b>D-10</b>	<b>3-Deoxy-D-galactose</b>	500 mg	1900 EUR
		1 g	3500 EUR
		5 g	8500 EUR
	<b>C<sub>6</sub>H<sub>12</sub>O<sub>5</sub></b>		
	<b>M 164.16</b>		



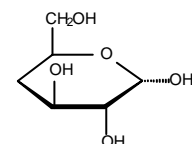
<b>D-2</b>	<b>2-Deoxy-D-glucose</b>	25 g	800 EUR
		100 g	1700 EUR
	<b>C<sub>6</sub>H<sub>12</sub>O<sub>5</sub></b>		*ask for bulk price
	<b>M 164.16</b>		



<b>D-11</b>	<b>3-Deoxy-D-glucose</b>		* price on request
	<b>C<sub>6</sub>H<sub>12</sub>O<sub>5</sub></b>		
	<b>M 164.16</b>		



<b>D-12</b>	<b>4-Deoxy-D-glucose</b>		* price on request
	<b>C<sub>6</sub>H<sub>12</sub>O<sub>5</sub></b>		
	<b>M 164.16</b>		



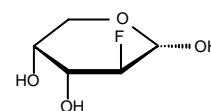
Pricing and availability needs to be confirmed

## FLUORO SUGARS

**FL-1 2-Fluoro-2-deoxy-D-arabinose**

$C_5H_9FO_4$   
M 152.12

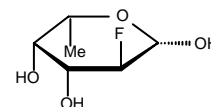
500 mg 2400 EUR  
1 g 3800 EUR



**FL-2 2-Fluoro-2-deoxy-L-fucose**

$C_6H_{11}FO_4$   
M 166.15

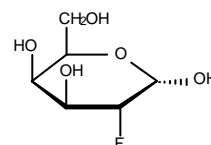
500 mg 2200 EUR  
1 g 3600 EUR



**FL-3 2-Fluoro-2-deoxy-D-galactose**

$C_6H_{11}FO_5$   
M 182.15

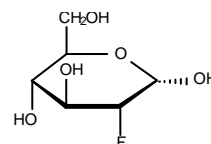
500 mg 2200 EUR  
1 g 3400 EUR



**FL-4 2-Fluoro-2-deoxy-D-glucose**

$C_6H_{11}FO_5$   
M 182.15

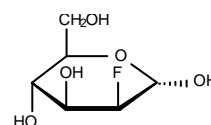
500 mg 2100 EUR  
1 g 3200 EUR



**FL-5 2-Fluoro-2-deoxy-D-mannose**

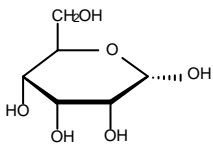
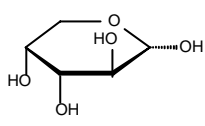
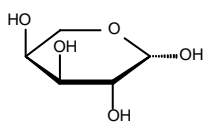
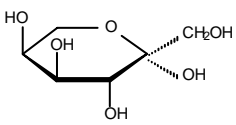
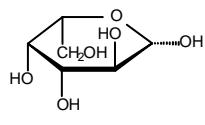
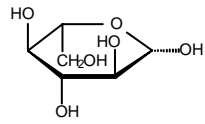
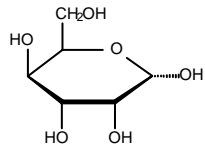
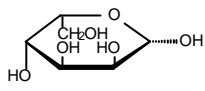
$C_6H_{11}FO_5$   
M 182.15

500 mg 2400 EUR  
1 g 3800 EUR

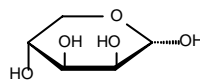
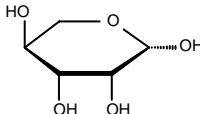
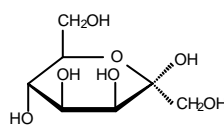
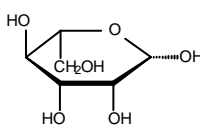
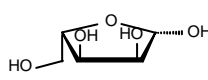
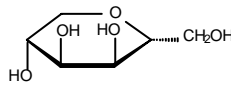
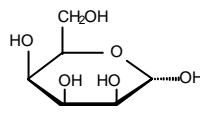
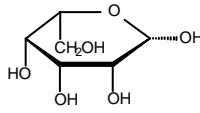
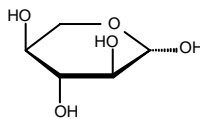


Pricing and availability needs to be confirmed

## FREE SUGARS

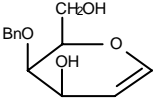
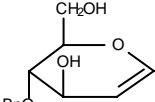
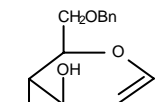
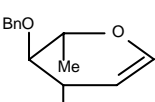
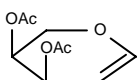
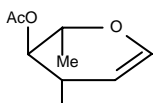
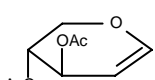
<b>F-2</b>	<b>D-Allose</b>	5 g 10 g	900 EUR 1200 EUR	
	$C_6H_{12}O_6$ M 180.16			
<b>F-29</b>	<b>L-Allose</b>	500 mg 10 g	1500 EUR 2900 EUR	
	$C_6H_{12}O_6$ M 180.16			
<b>F-4</b>	<b>D-Arabinose</b>	500 g 1000 g	400 EUR 700 EUR *ask for bulk price	
	$C_5H_{10}O_5$ M 150.13			
<b>F-5</b>	<b>L-Arabinose</b>	500 g 1000 g	500 EUR 800 EUR *ask for bulk price	
	$C_5H_{10}O_5$ M 150.13			
<b>F-7</b>	<b>L-Fructose</b>	25 g 50 g 100 g 250 g	on request on request on request on request	
	$C_6H_{12}O_6$ M 180.16			
<b>F-11</b>	<b>L-Galactose</b>	1 g 5 g 10 g	700 EUR 2600 EUR 4400 EUR	
	$C_6H_{12}O_6$ M 180.16			
<b>F-13</b>	<b>L-Glucose</b>	25 g 50 g	1200 EUR 1900 EUR *ask for bulk price	
	$C_6H_{12}O_6$ M 180.16			
<b>F-14</b>	<b>D-Gulose</b>	1 g 5 g	1100 EUR 3500 EUR	
	$C_6H_{12}O_6$ M 180.16			
<b>F-15</b>	<b>L-Gulose</b>	500 mg 1 g	1200 EUR 1900 EUR	
	$C_6H_{12}O_6$ M 180.16			

Pricing and availability needs to be confirmed

<b>F-16 D-Lyxose</b>	100 g	800 EUR	
	500 g	2500 EUR	
	*ask for bulk price		
	$C_5H_{10}O_5$ M 150.13		
<b>F-17 L-Lyxose</b>	50 g	1500 EUR	
	100 g	2200 EUR	
	*ask for bulk price		
	$C_5H_{10}O_5$ M 150.13		
<b>F-18 D-Mannoheptulose</b>	500 mg	550 EUR	
	1 g	750 EUR	
	5 g	2800 EUR	
	10 g	4800 EUR	
		*ask for bulk price	
	$C_7H_{14}O_7$ M 210.18		
<b>F-20 L-Mannose</b>	50 g	1900 EUR	
	100 g	3400 EUR	
	$C_6H_{12}O_6$ M 180.16		
<b>F-22 L-Ribose</b>	10 g	1100 EUR	
	50 g	4200 EUR	
	$C_5H_{10}O_5$ M 150.13		
<b>F-25 D-Tagatose</b>	10 g	750 EUR	
	50 g	2900 EUR	
	$C_6H_{12}O_6$ M 180.16		
<b>F-26 D-Talose</b>	5 g	1800 EUR	
	10 g	2900 EUR	
	$C_6H_{12}O_6$ M 180.16		
<b>F-27 L-Talose</b>	500 mg	1200 EUR	
	1 g	1900 EUR	
	$C_6H_{12}O_6$ M 180.16		
<b>F-28 L-Xylose</b>	100 g	500 EUR	
	250 g	1000 EUR	
	500 g	1800 EUR	
	*ask for bulk price		
	$C_5H_{10}O_5$ M 150.13		

Pricing and availability needs to be confirmed

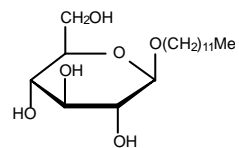
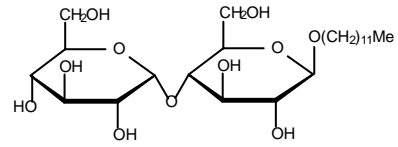
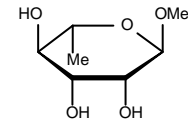
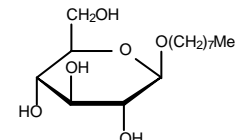
## GLYCALs

<b>G-2</b>	<b>4-O-Benzyl-D-galactal</b>	1 g	2900 EUR	
		5 g	3900 EUR	
		$C_{13}H_{16}O_4$ M 236.27		
<b>G-3</b>	<b>4-O-Benzyl-D-glucal</b>	5 g	3900 EUR	
		$C_{13}H_{16}O_4$ M 236.27		
<b>G-4</b>	<b>6-O-Benzyl-D-glucal</b>	5 g	2900 EUR	
		$C_{13}H_{16}O_4$ M 236.27		
<b>G-5</b>	<b>4-O-Benzyl-L-rhamnol</b>	50 g	2300 EUR	
		$C_{13}H_{16}O_3$ M 220.27		
<b>G-16</b>	<b>3,4-Di-O-acetyl-L-arabinal</b>	10 g	1500 EUR	
		20 g	2900 EUR	
		$C_9H_{12}O_5$ M 200.19		
<b>G-8</b>	<b>3,4-Di-O-acetyl-L-rhamnol</b>	25 g	890 EUR	
		100 g	1700 EUR	
		500 g	5900 EUR	
		$C_{10}H_{14}O_5$ M 214.22		
<b>G-17</b>	<b>3,4-Di-O-acetyl-D-xylal</b>	5 g	700 EUR	
		10 g	900 EUR	
		25 g	2300 EUR	
		$C_9H_{12}O_5$ M 200.19		



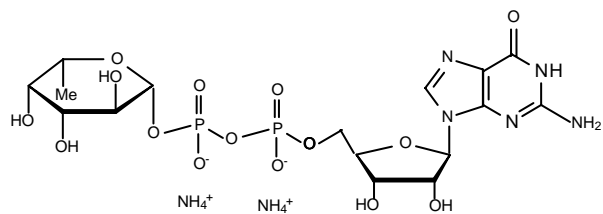
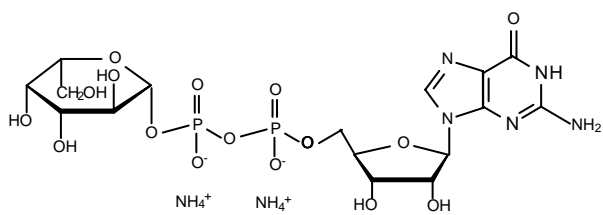
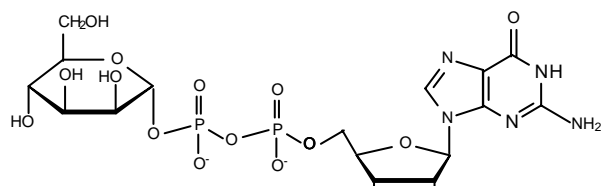


## HEXOPYRANOSIDES and HEXOSE DERIVATIVES

<b>H-2</b>	<b>n-Dodecyl β-D-glucopyranoside</b>	10 g	1500 EUR	
	$C_{18}H_{36}O_6$ M 348.48			
<b>H-3</b>	<b>n-Dodecyl β-D-maltoside</b>	50 g 100 g	1900 EUR 3200 EUR	
	$C_{24}H_{46}O_{11}$ M 510.62			
<b>H-5</b>	<b>Methyl α-L-rhamnopyranoside</b>	100 g 250 g	3100 EUR 5500 EUR	
	$C_7H_{14}O_5$ M 179.19			
<b>H-9</b>	<b>n-Octyl β-D-glucopyranoside</b>	10 g 50 g	900 EUR 2500 EUR	
	$C_{14}H_{28}O_6$ M 292.37			

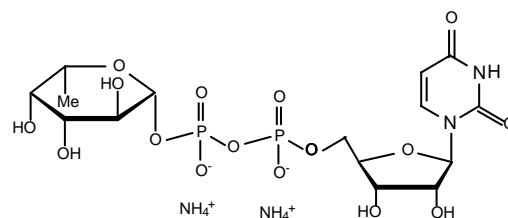
Pricing and availability needs to be confirmed

## NUCLEOSIDE DIPHOSPHATES - SUGAR DERIVATIVES

<b>N-1</b>	<b>GDP-β-L-Fucose Diammonium Salt</b>	100 mg 200 mg 1g	2900 EUR 3900 EUR 12900 EUR	
	$C_{16}H_{23}N_5O_{15}P_2 \cdot 2 NH_4$ M 623.41			
<b>N-2</b>	<b>GDP-β-L-Galactose Diammonium Salt</b>	100 mg 200 mg	4500 EUR 7900 EUR	
	$C_{16}H_{23}N_5O_{16}P_2 \cdot 2 NH_4$ M 639.41			
<b>N-3</b>	<b>GDP-α-D-Mannose Diammonium Salt (or DiSodium Salt)</b>	100 mg 200 mg 1g	2700 EUR 3800 EUR 10900 EUR	
	$C_{16}H_{23}N_5O_{16}P_2 \cdot 2 NH_4$ M 639.41			

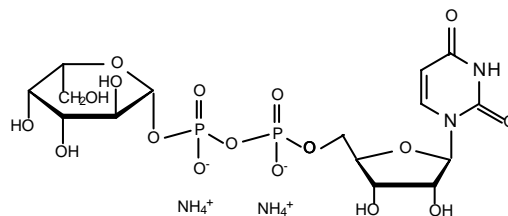
**N-4 UDP-β-L-Fucose Diammonium Salt**      100 mg      3900 EUR  
 200 mg      6300 EUR

$C_{15}H_{22}N_2O_{16}P_2 \cdot 2 NH_4$   
 M 584.37



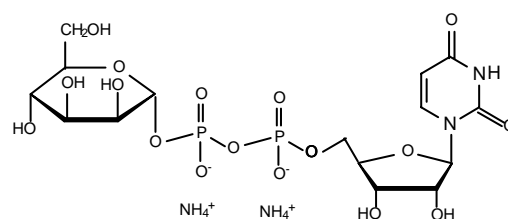
**N-5 UDP-β-L-Galactose Diammonium Salt**      100 mg      4200 EUR  
 200 mg      7500 EUR

$C_{15}H_{22}N_2O_{17}P_2 \cdot 2 NH_4$   
 M 600.37



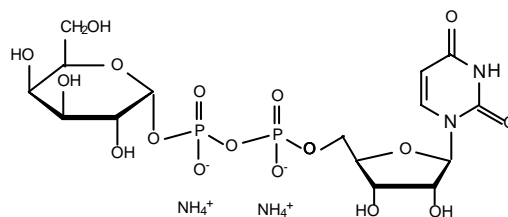
**N-6 UDP-α-D-Mannose Diammonium Salt**      100 mg      4200 EUR  
 200 mg      7600 EUR

$C_{15}H_{22}N_2O_{17}P_2 \cdot 2 NH_4$   
 M 600.37



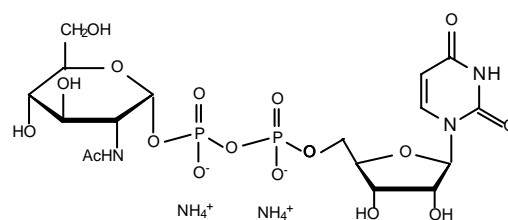
**N-7 UDP-α-D-Galactose Diammonium Salt**      200 mg      1900 EUR  
 1g      4900 EUR

$C_{15}H_{22}N_2O_{17}P_2 \cdot 2 NH_4$   
 M 600.37



**N-8 UDP-α-N-Acetyl-D-glucosamine Diammonium Salt**      200 mg      1700 EUR  
 1g      3900 EUR

$C_{17}H_{25}N_3O_{17}P_2 \cdot 2 NH_4$   
 M 641.42

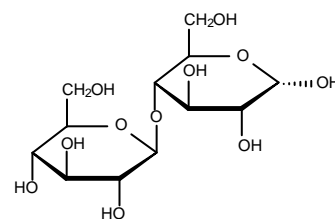


Pricing and availability needs to be confirmed

## OLIGOSACCHARIDES

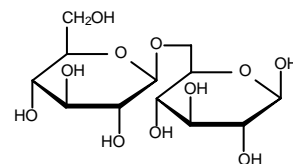
- O-1 Cellobiose**  
(4-O-β-D-Glucopyranosyl-D-glucose)  
500 g 700 EUR  
1000 g 1200 EUR  
\*ask for bulk price

$C_{12}H_{22}O_{11}$   
M 342.30



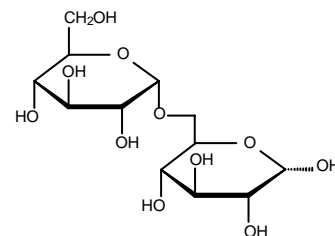
- O-4 β-Gentobiose**  
(6-O-β-D-Glucopyranosyl-β-D-glucose)  
10 g 1000 EUR

$C_{12}H_{22}O_{11}$   
M 342.30



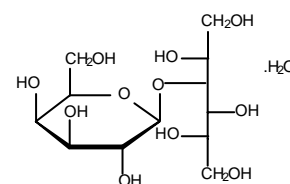
- O-5 Isomaltose**  
(6-O-α-D-Glucopyranosyl-D-glucose)  
1 g 900 EUR  
5 g 2900 EUR

$C_{12}H_{22}O_{11}$   
M 342.30



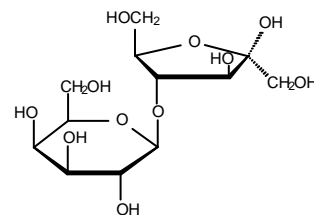
- O-6 Lactitol monohydrate**  
(4-O-β-D-Galactopyranosyl-D-glucitol monohydrate)  
50 g 1200 EUR  
100 g 1900 EUR

$C_{12}H_{22}O_{11} \cdot H_2O$   
M 342.30



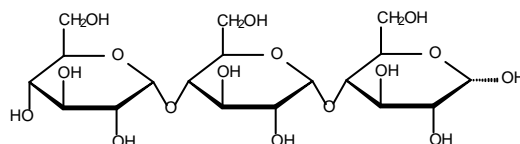
- O-7 Lactulose**  
(4-O-β-D-Galactopyranosyl-D-fructose)  
200 g 900 EUR  
\*ask for bulk price

$C_{12}H_{22}O_{11}$   
M 342.30



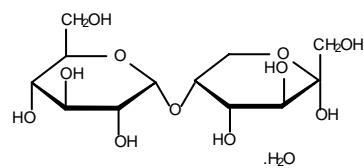
- O-8 Maltotriose**  
10 g 2900 EUR

$C_{18}H_{32}O_{16}$   
M 504.44



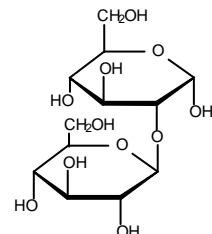
**O-9 Maltulose monohydrate** 100 g 1300 EUR  
 (4-O- $\alpha$ -D-Glucopyranosyl-D-fructose monohydrate) 500 g 2500 EUR

$C_{12}H_{22}O_{11} \cdot H_2O$   
 M 360.32



**O-11  $\alpha$ -Sophorose** 500 mg 800 EUR  
 (2-O- $\beta$ -D-Glucopyranosyl- $\alpha$ -D-glucose)

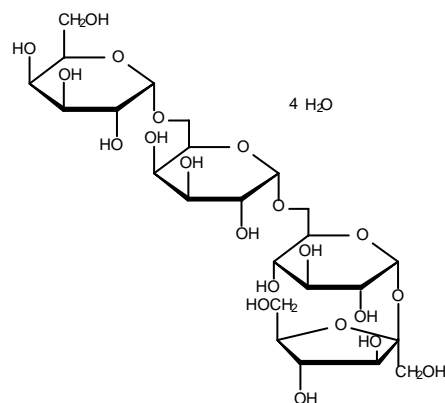
$C_{12}H_{22}O_{11}$   
 M 342.30



**O-12 Stachyose tetrahydrate**  
 ( $\alpha$ -D-Galactopyranosyl- $\alpha$ -D-galactopyranosyl- $\alpha$ -D-glucopyranosyl- $\beta$ -D-fructose tetrahydrate)

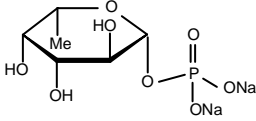
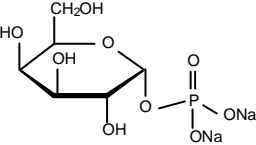
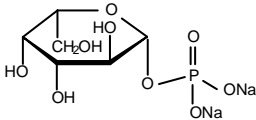
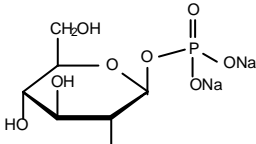
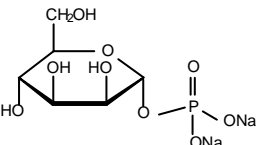
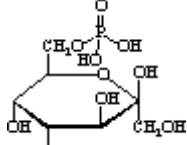
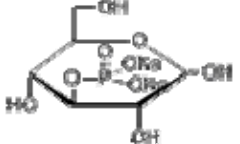
\*ask for bulk prices

$C_{24}H_{42}O_{21} \cdot 4 H_2O$   
 M 738.64



Pricing and availability needs to be confirmed

## PHOSPHATES

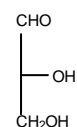
<b>P-1</b>	<b>β-L-Fucopyranosyl phosphate disodium Salt</b>	100 mg	2200 EUR	
		200 mg	3600 EUR	
		1 g	6500 EUR	
	$C_6H_{11}O_8PNa_2$			
	M 288.10			
<b>P-2</b>	<b>α-D-Galactopyranosyl phosphate disodium Salt</b>	100 mg	900 EUR	
		500 mg	3300 EUR	
		1 g	5500 EUR	
	$C_6H_{11}O_9PNa_2$			
	M 304.10			
<b>P-3</b>	<b>β-L-Galactopyranosyl phosphate disodium Salt</b>	100 mg	1900 EUR	
		500 mg	4900 EUR	
		1 g	6900 EUR	
	$C_6H_{11}O_9PNa_2$			
	M 304.10			
<b>P-4</b>	<b>β-D-Glucopyranosyl phosphate disodium Salt</b>	100 mg	900 EUR	
		500 mg	2900 EUR	
		1 g	4900 EUR	
	$C_6H_{11}O_9PNa_2$			
	M 304.10			
<b>P-5</b>	<b>α-D-Mannopyranosyl phosphate disodium Salt</b>	100 mg	900 EUR	
		500 mg	2500 EUR	
		1 g	4500 EUR	
	$C_6H_{11}O_9PNa_2$			
	M 304.10			
<b>P-6</b>	<b>D-Sedoheptulose 7-phosphate</b>	100 mg	800 EUR	
		250 mg	1500 EUR	
		500 mg	2900 EUR	
		1 g	5100 EUR	
	$C_7H_{15}O_{10}P$			
	M 290.16			
			*ask for bulk prices	
<b>P-7</b>	<b>D-Glucose-3-phosphate disodium Salt</b>		250 mg	
			500 mg	
			1 to 5 g	
	$C_6H_{11}O_9PNa_2$			
	M 304.10			
	CAS 20701-41-1			
	Pricing and availability needs to be confirmed			

## SUGAR DERIVATIVES

### SD-7 D-(+)-Glyceraldehyd ( 98 % )

C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>  
M 90.08

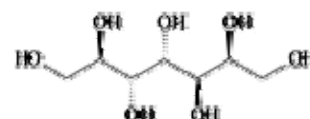
100 g 3000 EUR  
500 g 9500 EUR  
1000 g 14000 EUR  
\*ask for bulk price



### SD-8 Perseitol (pseudosugar) D-glycero-D-galacto-heptitol

C<sub>7</sub>H<sub>16</sub>O<sub>7</sub>  
M 212.20  
CAS 527-06-0  
"a seven carbon sugar alcohol" NEW

\*inquire for availability

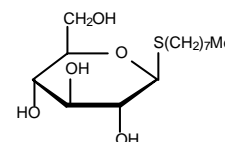


## THIOGLYCOSIDES

### T-4 n-Octyl β-D-thioglucopyranoside

C<sub>14</sub>H<sub>28</sub>O<sub>5</sub>S  
M 308.43

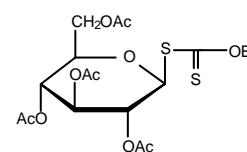
50 g 2500 EUR



### T-8 2,3,4,6-Tetra-O-acetyl-β-D-glucopyranosyl ethylxanthate

C<sub>17</sub>H<sub>24</sub>O<sub>10</sub>S<sub>2</sub>  
M 452.49

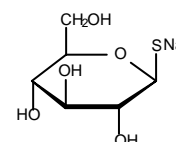
100 g 1900 EUR  
250 g 2900 EUR  
500 g 3500 EUR



### T-9 1-Thio-β-D-glucose sodium salt

C<sub>6</sub>H<sub>11</sub>O<sub>5</sub>S  
M 218.20

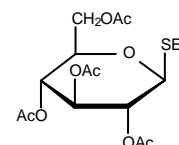
\* on request



### T-10 Ethyl 2,3,4,6-tetra-O-acetyl-1-thio-β-D-glucopyranoside

C<sub>16</sub>H<sub>24</sub>O<sub>9</sub>S  
M 392.42

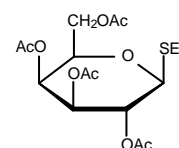
100 g 3900 EUR  
\*ask for bulk price



### T-11 Ethyl 2,3,4,6-tetra-O-acetyl-1-thio-β-D-galactopyranoside

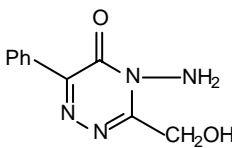
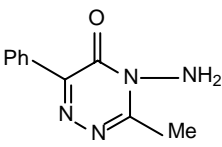
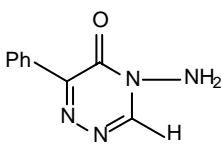
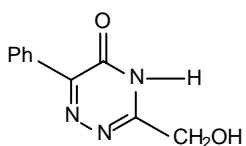
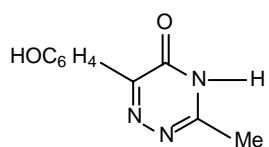
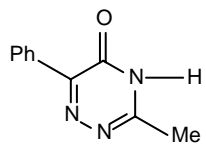
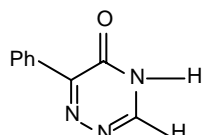
C<sub>16</sub>H<sub>24</sub>O<sub>9</sub>S  
M 392.42

100 g 4500 EUR  
\*ask for bulk price



Pricing and availability needs to be confirmed

## HETEROCYCLES

<b>HE-1</b>	<b>4-Amino-3-hydroxymethyl-6-phenyl-1,2,4-triazin-5-one</b>	10 g 25 g	1900 EUR 2900 EUR	
	C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> O <sub>2</sub> M 218.22			
<b>HE-2</b>	<b>4-Amino-3-methyl-6-phenyl-1,2,4-triazin-5-one</b>	10 g 25 g	1800 EUR 2800 EUR	
	C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> O M 202.22			
<b>HE-3</b>	<b>4-Amino-6-phenyl-1,2,4-triazin-5-one</b>	10 g 25 g	1800 EUR 2800 EUR	
	C <sub>9</sub> H <sub>8</sub> N <sub>4</sub> O M 188.22			
<b>HE-16</b>	<b>3-Hydroxymethyl-6-phenyl-1,2,4-triazin-5(4H)-on</b>	10 g 25 g	1900 EUR 2900 EUR	
	C <sub>10</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> M 203.20			
<b>HE-17</b>	<b>6-(4-Hydroxyphenyl)-3-methyl-1,2,4-triazin-5(4H)-one</b>	10 g 25 g	1900 EUR 2900 EUR	
	C <sub>10</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> M 203.20			
<b>HE-20</b>	<b>3-Methyl-6-phenyl-1,2,4-triazin-5(4H)-one</b>	10 g 25 g	1900 EUR 2900 EUR	
	C <sub>10</sub> H <sub>9</sub> N <sub>3</sub> O M 187.20			
<b>HE-23</b>	<b>6-Phenyl-1,2,4-triazin-5(4H)-one</b>	10 g 25 g	1900 EUR 2900 EUR	
	C <sub>9</sub> H <sub>7</sub> N <sub>2</sub> O M 173.17			

Pricing and availability needs to be confirmed

## AMINO ALCOHOLS

No.	Compound	Pack size (g)	Price ( €)
AA-1	D-Alaninol	10	1600
AA-2	L-Alaninol	10	1200
AA-3	Boc-D-Alaninol	10	1400
AA-4	Boc-L-Alaninol	10	900
AA-5	Boc-D-Asparaginol	10	1600
AA-6	Boc-L-Asparaginol	10	1200
AA-7	Boc-D-Aspartimol(OBzl)	10	2200
AA-8	Boc-L-Aspartimol(OBzl)	10	1200
AA-9	Boc-D-Cysteinol(Bzl)	10	1600
AA-10	Boc-L-Cysteinol(Bzl)	10	1200
AA-11	Boc-D-Cysteinol(p-MeBzl)	10	1600
AA-12	Boc-L-Cysteinol(p-MeBzl)	10	1200
AA-13	Boc-D-Cysteinol(p-MeOBzl)	10	1600
AA-14	Boc-L-Cysteinol(p-MeOBzl)	10	1200
AA-15	Boc-D-Glutaminol	10	1600
AA-16	Boc-L-Glutaminol	10	1200
AA-17	Boc-D-Glutamol(OBzl)	10	2400
AA-18	Boc-L-Glutamol(OBzl)	10	1400
AA-19	Boc-Glycinol	10	1100
AA-20	Boc-L-Histidinol(Tos)	10	1800
AA-21	Boc-D-Isoleucinol	2	1760
AA-22	Boc-L-Isoleucinol	10	1000
AA-23	Boc-D-Leucinol	10	1200
AA-24	Boc-L-Leucinol	10	1000
AA-25	Boc-D-Lysinol(2-Cl-Z)	10	2200
AA-26	Boc-L-Lysinol(2-Cl-Z)	10	1600
AA-27	Boc-D-Lysinol(Fmoc)	10	5400
AA-28	Boc-L-Lysinol(Fmoc)	10	3200
AA-29	Boc-D-Lysinol(Z)	10	1600
AA-30	Boc-L-Lysinol(Z)	10	1200
AA-31	Boc-D-Methioninol	10	1200
AA-32	Boc-L-Methioninol	10	1000
AA-33	Boc-D-Ornithinol(Z)	10	2400
AA-34	Boc-L-Ornithinol(Z)	10	1800
AA-35	Boc-D-Phenylalaninol	10	1100
AA-36	Boc-L-Phenylalaninol	10	1100

AA-37	Boc-D-Phenylglycinol	10	1300
AA-38	Boc-L-Phenylglycinol	10	1500
AA-39	Boc-D-Prolinol	10	1500
AA-40	Boc-L-Prolinol	10	1100
AA-41	Boc-D-Serinol(Bzl)	10	1600
AA-42	Boc-L-Serinol(Bzl)	10	1500
AA-43	Boc-D-Threoninol(Bzl)	10	1800
AA-44	Boc-L-Threoninol(Bzl)	10	1500
AA-45	Boc-D-Tryptophanol	10	1800
AA-46	Boc-L-Tryptophanol	10	1600
AA-47	Boc-D-Tyrosinol(Bzl)	10	1600
AA-48	Boc-L-Tyrosinol(Bzl)	10	1500
AA-49	Boc-D-Tyrosinol(2,6-di-Cl-Bzl)	10	2200
AA-50	Boc-L-Tyrosinol(2,6-di-Cl-Bzl)	10	1600
AA-51	Boc-D-Valinol	10	1500
AA-52	Boc-L-Valinol	10	1200
AA-53	D-Cysteinol(Bzl)	10	1700
AA-54	L-Cysteinol(Bzl)	10	1400
AA-55	D-Cysteinol(p-MeBzl)	10	1400
AA-56	L-Cysteinol(p-MeBzl)	10	1400
AA-57	D-Cysteinol(p-MeOBzl)	10	1800
AA-58	L-Cysteinol(p-MeOBzl)	10	1400
AA-59	Fmoc-D-Alaninol	10	1900
AA-60	Fmoc-L-Alaninol	10	1600
AA-61	Fmoc-D-Argininol(Pbf)	10	2600
AA-62	Fmoc-L-Argininol(Pbf)	10	1900
AA-63	Fmoc-D-Argininol(Pmc)	10	2800
AA-64	Fmoc-L-Argininol(Pmc)	10	2200
AA-65	Fmoc-D-Argininol(Tos)	10	2600
AA-66	Fmoc-L-Argininol(Tos)	10	1800
AA-67	Fmoc-D-Asparaginol	10	1960
AA-68	Fmoc-L-Asparaginol	10	1500
AA-69	Fmoc-D-Asparaginol(Trt)	10	2200
AA-70	Fmoc-L-Asparaginol(Trt)	10	1800
AA-71	Fmoc-D-Aspartimol(OtBu)	10	2400
AA-72	Fmoc-L-Aspartimol(OtBu)	10	1720
AA-73	Fmoc-D-Aspartimol(OBzl)	10	2600
AA-74	Fmoc-L-Aspartimol(OBzl)	10	1800
AA-75	Fmoc-D-Cysteinol(Acm)	10	1800

AA-76	Fmoc-L-Cysteinol(Acm)	10	1600
AA-77	Fmoc-D-Cysteinol(tBu)	10	2400
AA-78	Fmoc-L-Cysteinol(tBu)	10	1600
AA-79	Fmoc-D-Cysteinol(Bzl)	10	2400
AA-80	Fmoc-L-Cysteinol(Bzl)	10	1600
AA-81	Fmoc-D-Cysteinol(p-MeBzl)	10	2600
AA-82	Fmoc-L-Cysteinol(p-MeBzl)	10	1900
AA-83	Fmoc-D-Cysteinol(p-MeOBzl)	10	2400
AA-84	Fmoc-L-Cysteinol(p-MeOBzl)	10	1800
AA-85	Fmoc-D-Glutaminol	10	2400
AA-86	Fmoc-L-Glutaminol	10	1600
AA-87	Fmoc-D-Glutaminol(Trt)	10	2200
AA-88	Fmoc-L-Glutaminol(Trt)	10	1800
AA-89	Fmoc-D-Glutamol(OtBu)	10	2200
AA-90	Fmoc-L-Glutamol(OtBu)	10	1600
AA-91	Fmoc-D-Glutamol(OBzl)	10	1900
AA-92	Fmoc-L-Glutamol(OBzl)	10	1600
AA-93	Fmoc-Glycinol	10	1100
AA-94	Fmoc-D-Histidinol(Boc)	10	3000
AA-95	Fmoc-L-Histidinol(Boc)	10	2200
AA-96	Fmoc-D-Histidinol(Bom)	10	5400
AA-97	Fmoc-L-Histidinol(Bom)	10	3600
AA-98	Fmoc-D-Histidinol(Bzl)	10	2400
AA-99	Fmoc-L-Histidinol(Bzl)	10	1800
AA-100	Fmoc-D-Histidinol(Tos)	10	2600
AA-101	Fmoc-L-Histidinol(Tos)	10	2000
AA-102	Fmoc-D-Histidinol(Trt)	10	2000
AA-103	Fmoc-L-Histidinol(Trt)	10	1800
AA-104	Fmoc-D-Isoleucinol	2	5600
AA-105	Fmoc-L-Isoleucinol	10	1300
AA-106	Fmoc-D-Leucinol	10	2600
AA-107	Fmoc-L-Leucinol	10	1400
AA-108	Fmoc-D-Lysinol(Boc)	10	2200
AA-109	Fmoc-L-Lysinol(Boc)	10	1600
AA-110	Fmoc-D-Lysinol(Fmoc)	10	2200
AA-111	Fmoc-L-Lysinol(Fmoc)	10	1600
AA-112	Fmoc-D-Lysinol(Z)	10	2600
AA-113	Fmoc-L-Lysinol(Z)	10	2000
AA-114	Fmoc-D-Methioninol	10	2000

AA-115	Fmoc-L-Methioninol	10	1400
AA-116	Fmoc-D-Ornithinol(Boc)	10	3600
AA-117	Fmoc-L-Ornithinol(Boc)	10	2800
AA-118	Fmoc-D-Phenylalaninol	10	1800
AA-119	Fmoc-L-Phenylalaninol	10	1400
AA-120	Fmoc-D-Phenylglycinol	10	2200
AA-121	Fmoc-L-Phenylglycinol	10	3000
AA-122	Fmoc-D-Prolinol	2	2200
AA-123	Fmoc-L-Prolinol	10	1400
AA-124	Fmoc-D-Serinol(tBu)	10	2600
AA-125	Fmoc-L-Serinol(tBu)	10	1600
AA-126	Fmoc-D-Serinol(Bzl)	10	2800
AA-127	Fmoc-L-Serinol(Bzl)	10	1800
AA-128	Fmoc-D-Threoninol	10	2400
AA-129	Fmoc-L-Threoninol	10	1600
AA-130	Fmoc-D-Threoninol(tBu)	10	2400
AA-131	Fmoc-L-Threoninol(tBu)	10	1600
AA-132	Fmoc-D-Threoninol(Bzl)	10	4400
AA-133	Fmoc-L-Threoninol(Bzl)	10	2800
AA-134	Fmoc-D-Tryptophanol	10	1800
AA-135	Fmoc-L-Tryptophanol	10	1500
AA-136	Fmoc-D-Tyrosinol(tBu)	10	2200
AA-137	Fmoc-L-Tyrosinol(tBu)	10	1600
AA-138	Fmoc-D-Tyrosinol(Bzl)	10	2800
AA-139	Fmoc-L-Tyrosinol(Bzl)	10	1900
AA-140	Fmoc-D-Valinol	10	1800
AA-141	Fmoc-L-Valinol	10	1400
AA-142	D-Isoleucinol	2	1600
AA-143	L-Isoleucinol	10	1200
AA-144	D-Leucinol	10	1400
AA-145	L-Leucinol	10	1200
AA-146	D-Lysinol(Z)	10	2000
AA-147	L-Lysinol(Z)	10	1600
AA-148	D-Methioninol	10	1400
AA-149	L-Methioninol	10	1200
AA-150	D-Ornithinol(Z)	10	2400
AA-151	L-Ornithinol(Z)	10	1800
AA-152	D-Phenylalaninol	10	1800
AA-153	L-Phenylalaninol	10	1200

AA-154	D-Phenylglycinol	10	1300
AA-155	L-Phenylglycinol	10	1300
AA-156	D-Prolinol	10	1200
AA-157	L-Prolinol	10	1100
AA-158	D-Serinol(Bzl)	10	1320
AA-159	L-Serinol(Bzl)	10	1400
AA-160	D-Threoninol(Bzl)	10	1900
AA-161	L-Threoninol(Bzl)	10	1300
AA-162	D-Tryptophanol	10	1300
AA-163	L-Tryptophanol	10	1200
AA-164	D-Tyrosinol(Bzl)	10	1800
AA-165	L-Tyrosinol(Bzl)	10	1400
AA-166	D-Valinol	10	1000
AA-167	L-Valinol	20	1000

Pricing and availability needs to be confirmed

## PROTECTED and UNPROTECTED N-METHYLAMINO ACIDS

No.	Compound	Pack size (g)	Price ( €)
MA-1	Boc-N-Me-L-Ala-OH	10	1350
MA-2	Boc-N-Me-D-Ala-OH	10	1350
MA-3	Boc-N-Me-L-Ile-OH	10	1350
MA-5	Boc-N-Me-L-Leu-OH	10	1800
MA-6	Boc-N-Me-L-Nle-OH	10	1950
MA-7	Boc-N-Me-L-Nva-OH	10	1950
MA-8	Boc-N-Me-L-Phe-OH	10	1350
MA-9	Boc-N-Me-L-Phe-OH x DCHA	10	1200
MA-10	Boc-N-Me-D-Phe-OH	10	1500
MA-11	Boc-N-Me-D-Phe-OH x DCHA	10	1350
MA-12	Boc-N-Me-D-Phe(4-Cl)-OH	10	2340
MA-13	Boc-N-Me-L-Phe(4-NO <sub>2</sub> )-OH x DCHA	10	1650
MA-14	Boc-N-Me-2-Abz-OH	10	1650
MA-15	Boc-N-N-Me-L-Tyr(Bzl)-OH	10	2340
MA-16	Boc-N-Me-L-Tyr(Me)-OH x DCHA	10	1500
MA-17	Boc-N-Me-L-Val-OH	10	1500
MA-18	Boc-N-Me-L-Val-OH x DCHA	10	1770
MA-19	Boc-N-Me-D-Val-OH	10	2070
MA-20	Boc-N-Me-D,L-Val-OH	10	1500
MA-21	Fmoc-N-Me-L-Ala-OH	10	1800

MA-22	Fmoc-N-Me-D-Ala-OH	10	2550
MA-23	Fmoc-N-Me-L-Asp(OtBu)-OH	10	3600
MA-24	Fmoc-N-Me-L-Glu(OtBu)-OH	10	3600
MA-25	Fmoc-N-Me-L-Ile-OH	10	1650
MA-26	Fmoc-N-Me-L-Leu-OH	10	1650
MA-27	Fmoc-N-Me-D-Leu-OH	10	2100
MA-28	Fmoc-N-Me-L-Nle-OH	10	2100
MA-29	Fmoc-N-Me-L-Nva-OH	10	2100
MA-30	Fmoc-N-Me-L-Phe-OH	10	1740
MA-31	Fmoc-N-Me-D-Phe-OH	10	2700
MA-32	Fmoc-N-Me-L-Ser(tBu)-OH	10	1650
MA-33	Fmoc-N-Me-L-Thr(tBu)-OH	10	2850
MA-34	Fmoc-N-Me-L-Tyr(Bzl)-OH	10	2550
MA-35	Fmoc-N-Me-L-Tyr(tBu)-OH	10	3600
MA-36	Fmoc-N-Me-L-Val-OH	10	1950
MA-37	Fmoc-N-Me-D-Val-OH	10	2250
MA-38	Z-N-Me-L-Ala-OH	10	1950
MA-39	Z-N-Me-D-Ala-OH	10	1500
MA-40	Z-N-Me-L-Asp(OtBu)-OH x DCHA	10	1650
MA-41	Z-N-Me-L-Glu(OtBu)-OH	10	2100
MA-42	Z-N-Me-L-Ile-OH	10	1500
MA-43	Z-N-Me-L-Leu-OH	10	1650
MA-44	Z-N-Me-D-Leu-OH	10	1800
MA-45	Z-N-Me-L-Nle-OH	10	2100
MA-46	Z-N-Me-L-Nva-OH	10	2100
MA-47	Z-N-Me-L-Phe-OH	10	1650
MA-48	Z-N-Me-L-Phe-OH x DCHA	10	1500
MA-49	Z-N-Me-D-Phe-OH	10	2100
MA-50	Z-N-Me-L-Val-OH	10	1800
MA-51	Z-N-Me-D-Val-OH	10	2100
MA-52	N-Me-L-Phe-OH	10	1500
MA-53	N-Me-D-Phe-OH	10	2250
MA-54	N-Me-L-Val-OH	10	1500
MA-55	N-Me-L-Leu-OH	10	1500
MA-56	N-Me-L-Ile-OH	10	1500
MA-57	N-Me-L-Ala-OH	10	1500
MA-58	N-Me-D-Ala-OH	10	1800
MA-59	N-Me-D-Val-OH x HCl	10	1800
MA-60	N-Me-Aib-OH	10	1800

<b>MA-61</b>	<b>N-Me-Tyr-OH</b>	10	2400
<b>MA-62</b>	<b>Bzl-N-Me-L-Ala-OH</b>	10	1650
<b>MA-63</b>	<b>Bzl-N-Me-L-Ile-OH</b>	10	1650
<b>MA-64</b>	<b>N-Me-L-Ser-OH</b>	10	1800
<b>MA-65</b>	<b>N-Me-L-Pro-OH</b>	10	2400

Pricing and availability needs to be confirmed



Das Unternehmen **GLYCOTEAM** beschäftigt sich mit Auftrags-synthesen und Auftragsforschung sowie Herstellung von Spezial- und Zwischenverbindungen für pharmazeutische und chemische Firmen sowie medizinische Einrichtungen.

Ferner **GLYCOTEAM** unterstützt die Produktentwicklung und die Beschaffung technischer Informationen.

Ein Schwerpunkt von **GLYCOTEAM** liegt in der Synthese der folgenden Substanzklassen im Milligramm- bis Kilogramm-Maßstab:

- Kohlenhydrate
  - Donoren für Glycosylierung ( u.a. Glycale, Thioglycoside, Halogenide, Imidate, Phosphate )
  - Desoxyderivate
  - geschützte Zucker
  - Aminozucker
  - Uronsäurederivate
- Glycokonjugate
- Oligosaccharide
- Saccharidmimetica
- Alditole
- Pseudozucker
- Heterocyclen

Als analytischen Methoden werden: 400-500 MHz NMR (  $^1\text{H}$ ,  $^{13}\text{C}$ , COSY etc. ), MS, IR, UV/VIS, MALDI-TOF und HPLC verwendet.

Die Synthese spezieller Derivate mit neuen und ungewöhnlichen Strukturen, die im Handel nicht erhältlich sind, wird ebenfalls angeboten.

Darüber hinaus werden auch Aufgaben im Bereich der kombinatorischen Chemie und Parallelsynthesen, sowie die Optimierung bekannter organischer Prozesse und Maßstabvergrößerungen durchgeführt.

Syntheseplanungen und Literaturrecherchen ergänzen das Angebot des Unternehmens.

Schließlich befasst sich **GLYCOTEAM** mit dem Import von nicht auf dem deutschen Markt verfügbaren chemischen Verbindungen.

**GLYCOTEAM** wird beraten von **Prof. J. Thiem** – Universität Hamburg.

# GLYCOTEAM GmbH

[www.glycoteam.de](http://www.glycoteam.de) / [www.glycoteam.com](http://www.glycoteam.com)  
<mailto:glycoteam@glycoteam.de>

The company **GLYCOTEAM** is concerned with custom synthesis and custom research as well as production of special and intermediate compounds for pharmaceutical and chemical companies as well as medical facilities.

Further, **GLYCOTEAM** supports the development of products and the supply of necessary technical information.

**GLYCOTEAM** focuses on the synthesis of the following components in milligram to kilogram scale:

- carbohydrate compounds
  - donors for glycosylation ( i.e. glycals, thioglycosides, halides, imidates, phosphates )
  - deoxy derivatives
  - protected sugars
  - amino sugars
  - uronic acid derivatives
- complex glycoconjugates
- oligosaccharides and derivatives
- saccharide mimetics
- alditols
- pseudosugars
- heterocycles

The following analytic methods are used: 400-500 MHz NMR (  $^1\text{H}$ ,  $^{13}\text{C}$ , COSY etc. ), MS, IR, UV/VIS, MALDI-TOF and HPLC.

**GLYCOTEAM** also offers synthesis of special derivatives with novel and unusual structures, which are not available on the market.

In addition to these activities combinatorial chemistry and parallel synthesis as well as optimization and scale-up of known organic processes are also carried out.

The design of syntheses and literature searches complete the general programme of the company.

Finally, **GLYCOTEAM** is involved in the import of chemical compounds which are not available on the German market.

**Prof. J. Thiem** - University of Hamburg is a consultant for **GLYCOTEAM**

July 28, 2009

[➔ HOME](#)[➔ ABOUT US](#)[➔ PRODUCTS](#)[➔ ANALYTIC](#)[➔ REFERENCES](#)[➔ CAREERS](#)[➔ NEWS](#)

GLYCOTEAM domain

Thank you for visiting our web site and your interest in our services. Please feel free to enquire for not listed synthetic products or if you have custom synthetic requirements. We are looking forward to receive your enquiries which will be treated with the strictest confidence.

The fields marked with the star (\*) have to be filled.

\* Full Name:

Company Name:

Telephone No:

\* E-mail:

\* Enquiry:

### GLYCOTEAM GmbH

c/o University of Hamburg Martin-Luther-King-Platz 6  
D-20146 Hamburg, Germany

phone: +49 (0)40-41092670

fax: +49 (0)40-41092671

VAT: DE182416993

[glycoteam@glycoteam.de](mailto:glycoteam@glycoteam.de)

### PRODUCTS

★ CARBOHYDRATES

★ GLYCOCONJUGATES

★ OLIGOSACCHARIDES

★ SACCHARIDE MIMETICS

★ ALDITOLS

★ PSEUDOSUGAR

★ HETEROCYCLES

---

[ABOUT US](#) | [PRODUCTS](#) | [ANALYTIC](#) | [REFERENCES](#) | [CAREERS](#) | [NEWS](#)

---

Copyright © 2009 Glycoteam GmbH