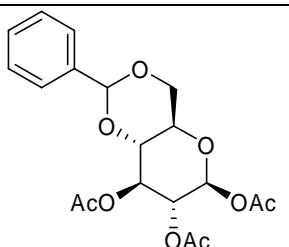


## ***Carbohydrate Building blocks***

### **1 Glucose Derivatives**

#### **4,6-Di-O-benzylidene-1,2,3-tri-O-acetyl- $\beta$ -D-glucopyranose**

**CH-10001**



C<sub>19</sub>H<sub>22</sub>O<sub>9</sub>, MW 394.37

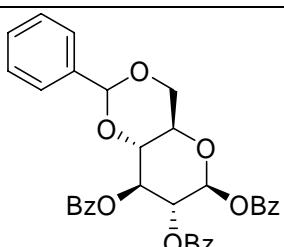
[173936-77-1]

50 g

100 g

#### **4,6-Di-O-benzylidene-1,2,3-tri-O-benzoyl- $\beta$ -D-glucopyranose**

**CH-10002**



C<sub>34</sub>H<sub>28</sub>O<sub>9</sub>, MW 580.58

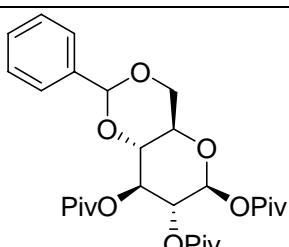
[113544-56-2]

50 g

100 g

#### **4,6-Di-O-benzylidene-1,2,3-tri-O-pivaloyl- $\beta$ -D-glucopyranose**

**CH-10003**



C<sub>28</sub>H<sub>40</sub>O<sub>9</sub>, MW 520.61

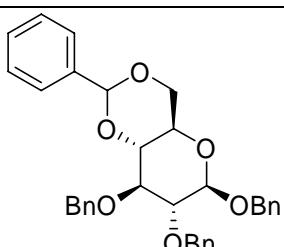
[174465-15-7]

50 g

100 g

#### **4,6-Di-O-benzylidene-1,2,3-tri-O-benzyl- $\beta$ -D-glucopyranose**

**CH-10004**



C<sub>34</sub>H<sub>34</sub>O<sub>6</sub>, MW 538.63

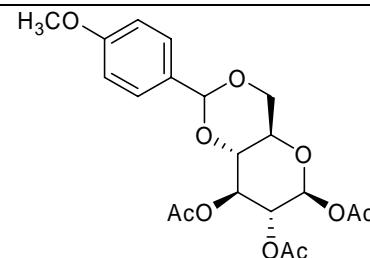
[57783-66-1]

50 g

100 g

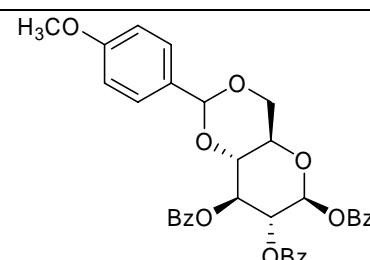
**4,6-Di-O-(p-methoxybenzylidene)-1,2,3-tri-O-acetyl- $\beta$ -D-glucopyranose**

**CH-10005**

 <chem>O=C(Oc1ccc(O)cc1)C[C@H]2OC[C@H](O[C@H]2C(=O)OC)[C@H](O[C@H]2OC(=O)OC)[C@H]2OC(=O)OC</chem>	C <sub>20</sub> H <sub>24</sub> O <sub>10</sub> , MW 424.40 [316790-34-8]	50 g
		100 g

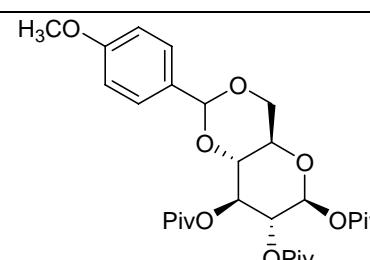
**4,6-Di-O-(p-methoxybenzylidene)-1,2,3-tri-O-benzoyl- $\beta$ -D-glucopyranose**

**CH-10006**

 <chem>O=C(Oc1ccc(O)cc1)C[C@H]2OC[C@H](O[C@H]2C(=O)c1ccccc1)[C@H](O[C@H]2OC(=O)c1ccccc1)[C@H]2OC(=O)c1ccccc1</chem>	C <sub>35</sub> H <sub>30</sub> O <sub>10</sub> , MW 610.61	50 g
		100 g

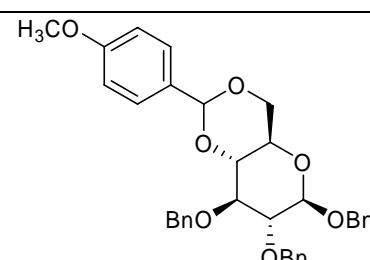
**4,6-Di-O-(p-methoxybenzylidene)-1,2,3-tri-O-pivaloyl- $\beta$ -D-glucopyranose**

**CH-10007**

 <chem>O=C(Oc1ccc(O)cc1)C[C@H]2OC[C@H](O[C@H]2C(=O)C(=O)OP(=O)([O-])OP(=O)([O-])C)[C@H](O[C@H]2OC(=O)C(=O)OP(=O)([O-])OP(=O)([O-])C)[C@H]2OC(=O)C(=O)OP(=O)([O-])OP(=O)([O-])C</chem>	C <sub>29</sub> H <sub>42</sub> O <sub>10</sub> , MW 550.64	50 g
		100 g

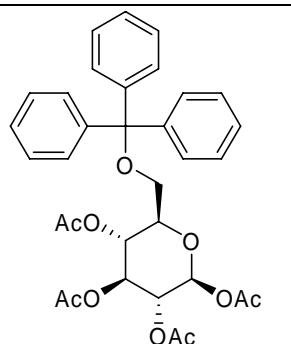
**4,6-Di-O-(p-methoxybenzylidene)-1,2,3-tri-O-benzyl- $\beta$ -D-glucopyranose**

**CH-10008**

 <chem>O=C(Oc1ccc(O)cc1)C[C@H]2OC[C@H](O[C@H]2C(=O)c1ccccc1)[C@H](O[C@H]2OC(=O)c1ccccc1)[C@H]2OC(=O)c1ccccc1</chem>	C <sub>35</sub> H <sub>36</sub> O <sub>7</sub> , MW 568.66 [95712-22-4]	50 g
		100 g

**6-O-Trityl-1,2,3,4-tetra-O-acetyl- $\beta$ -D-glucopyranose**

**CH-10009**



C<sub>33</sub>H<sub>34</sub>O<sub>10</sub>, MW 590.62

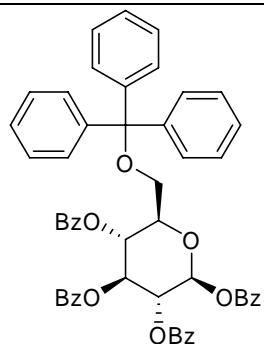
[37074-90-1]

50 g

100 g

**6-O-Trityl-1,2,3,4-tetra-O-benzoyl- $\beta$ -D-glucopyranose**

**CH-10010**



C<sub>53</sub>H<sub>42</sub>O<sub>10</sub>, MW 838.89

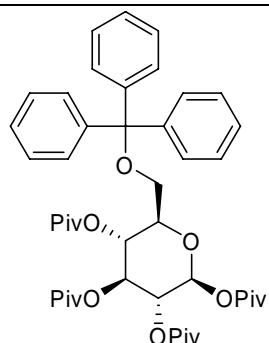
[85572-59-4]

50 g

100 g

**6-O-Trityl-1,2,3,4-tetra-O-pivaloyl- $\beta$ -D-glucopyranose**

**CH-10011**



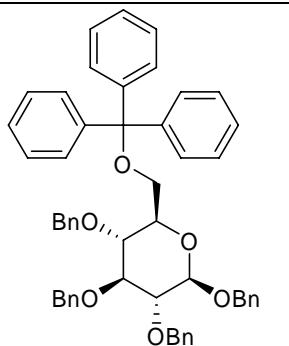
C<sub>45</sub>H<sub>58</sub>O<sub>10</sub>, MW 758.94

50 g

100 g

**6-O-Trityl-1,2,3,4-tetra-O-benzyl- $\beta$ -D-glucopyranose**

**CH-10012**



C<sub>53</sub>H<sub>50</sub>O<sub>6</sub>, MW 782.96

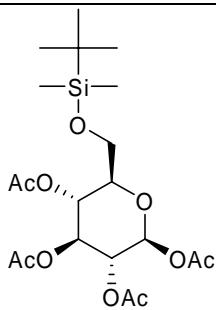
[27851-28-1]

50 g

100 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-acetyl- $\beta$ -D-glucopyranose**

**CH-10017**



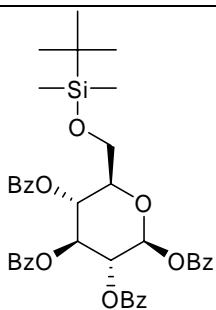
C<sub>20</sub>H<sub>34</sub>O<sub>10</sub>Si, MW 462.56

10 g

50 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-benzoyl- $\beta$ -D-glucopyranose**

**CH-10018**



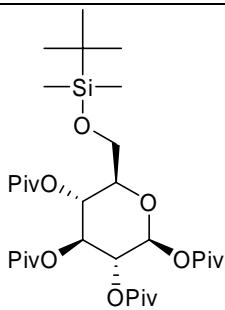
C<sub>40</sub>H<sub>42</sub>O<sub>20</sub>Si, MW 710.84

10 g

50 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-pivaloyl- $\beta$ -D-glucopyranose**

**CH-10019**



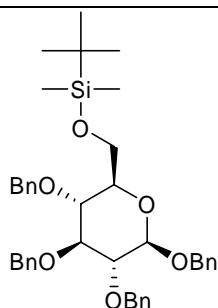
C<sub>32</sub>H<sub>58</sub>O<sub>10</sub>Si, MW 630.88

10 g

50 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-benzyl- $\beta$ -D-glucopyranose**

**CH-10020**



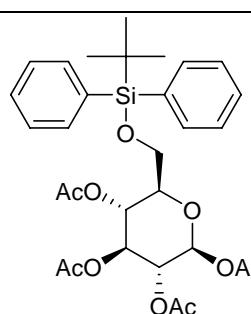
C<sub>40</sub>H<sub>50</sub>O<sub>6</sub>Si, MW 654.91

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-tetra-O-acetyl- $\beta$ -D-glucopyranose**

**CH-10021**



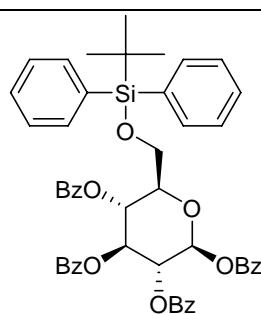
C<sub>30</sub>H<sub>38</sub>O<sub>10</sub>Si, MW 586.70

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-tetra-O-benzoyl- $\beta$ -D-glucopyranose**

**CH-10022**



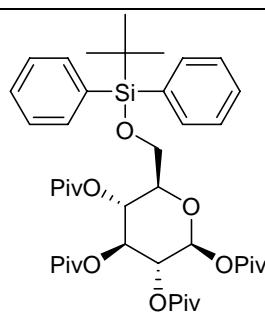
C<sub>50</sub>H<sub>46</sub>O<sub>10</sub>Si, MW 834.98

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-tetra-O-pivaloyl- $\beta$ -D-glucopyranose**

**CH-10023**



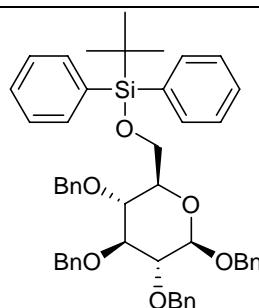
C<sub>42</sub>H<sub>62</sub>O<sub>10</sub>Si, MW 755.02

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-tetra-O-benzyl- $\beta$ -D-glucopyranose**

**CH-10024**



C<sub>50</sub>H<sub>54</sub>O<sub>6</sub>Si, MW 779.05

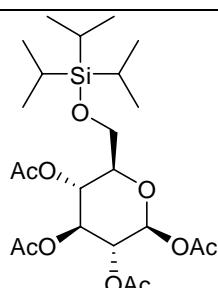
[291527-97-4]

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-tetra-O-acetyl- $\beta$ -D-glucopyranose**

**CH-10025**



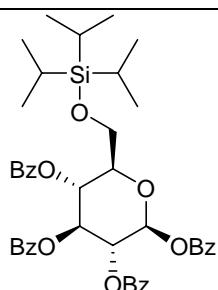
C<sub>23</sub>H<sub>40</sub>O<sub>10</sub>Si, MW 504.64

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-tetra-O-benzoyl- $\beta$ -D-glucopyranose**

**CH-10026**



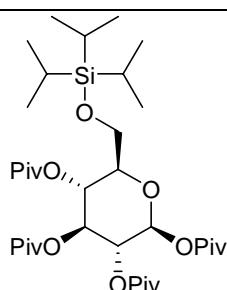
C<sub>43</sub>H<sub>48</sub>O<sub>10</sub>Si, MW 752.92

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-tetra-O-pivaloyl- $\beta$ -D-glucopyranose**

**CH-10027**



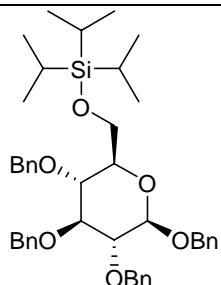
C<sub>35</sub>H<sub>64</sub>O<sub>10</sub>Si, MW 672.96

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-tetra-O-benzyl- $\beta$ -D-glucopyranose**

**CH-10028**



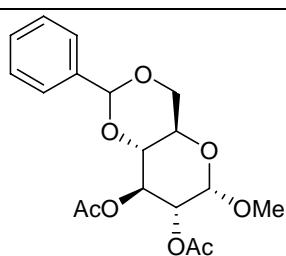
C<sub>43</sub>H<sub>56</sub>O<sub>6</sub>Si, MW 696.99

10 g

50 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-acetyl- $\alpha$ -D-glucopyranoside**

**CH-10029**



C<sub>18</sub>H<sub>22</sub>O<sub>8</sub>, MW 366.36

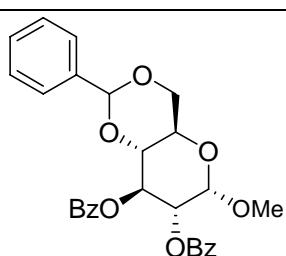
50 g

[4141-45-1]

100 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-benzoyl- $\alpha$ -D-glucopyranoside**

**CH-10030**



C<sub>28</sub>H<sub>26</sub>O<sub>8</sub>, MW 490.50

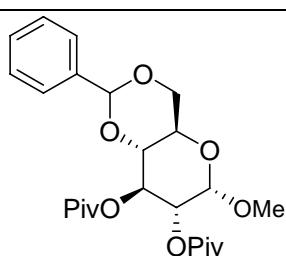
50 g

[6748-91-0]

100 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-pivaloyl- $\alpha$ -D-glucopyranoside**

**CH-10031**



C<sub>24</sub>H<sub>34</sub>O<sub>8</sub>, MW 450.52

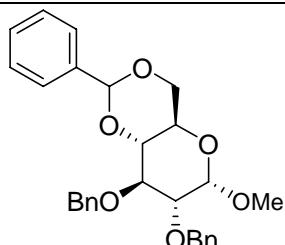
50 g

[112317-67-6]

100 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-benzyl- $\alpha$ -D-glucopyranoside**

**CH-10032**



C<sub>28</sub>H<sub>30</sub>O<sub>6</sub>, MW 462.53

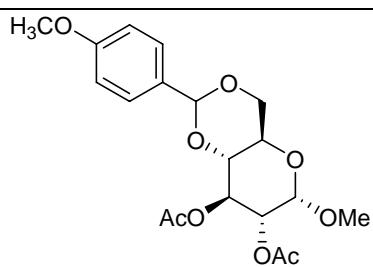
[13225-19-9]

50 g

100 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-acetyl- $\alpha$ -D-glucopyranoside**

**CH-10033**



C<sub>19</sub>H<sub>24</sub>O<sub>9</sub>, MW 396.39

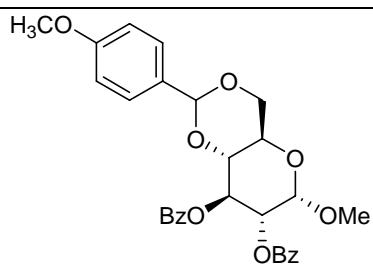
[52526-77-9]

50 g

100 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-benzoyl- $\alpha$ -D-glucopyranoside**

**CH-10034**



C<sub>29</sub>H<sub>28</sub>O<sub>9</sub>, MW 520.53

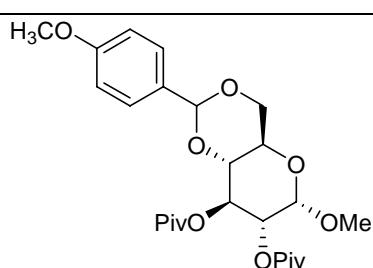
[273397-25-4]

50 g

100 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-pivaloyl- $\alpha$ -D-glucopyranoside**

**CH-10035**



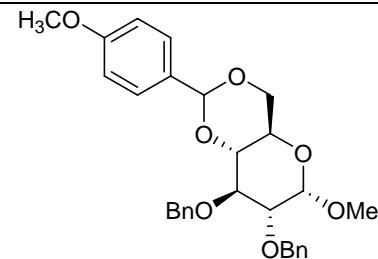
C<sub>25</sub>H<sub>36</sub>O<sub>9</sub>, MW 480.55

50 g

100 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-benzyl- $\alpha$ -glucopyranoside** **CH-10036**

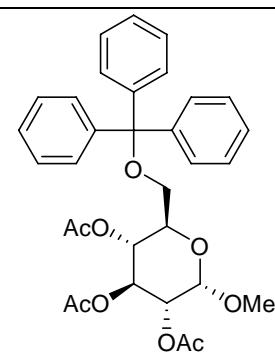
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	C <sub>29</sub> H <sub>32</sub> O <sub>7</sub> , MW 492.56 [94902-60-0]	50 g
		100 g

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**Methyl-6-O-trityl-2,3,4-tri-O-acetyl- $\alpha$ -D-glucopyranoside** **CH-10037**

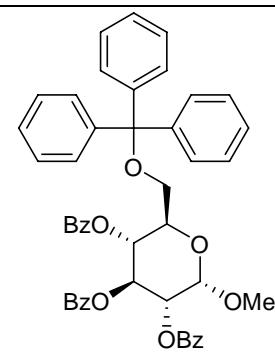
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	C <sub>32</sub> H <sub>34</sub> O <sub>9</sub> , MW 562.61 [18031-49-7]	50 g
		100 g

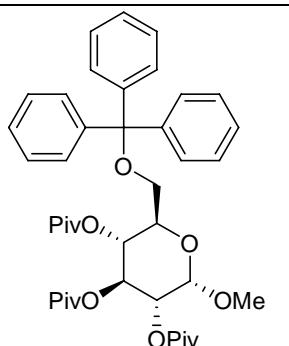
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**Methyl-6-O-trityl-2,3,4-tri-O-benzoyl- $\alpha$ -D-glucopyranoside** **CH-10038**

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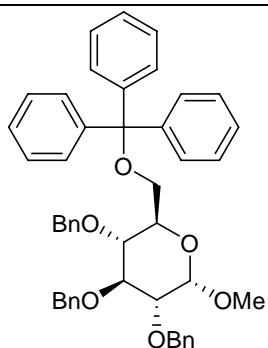
	C <sub>47</sub> H <sub>40</sub> O <sub>9</sub> , MW 748.82 [20231-39-4]	50 g
		100 g

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**Methyl-6-O-trityl-2,3,4-tri-O-pivaloyl- $\alpha$ -D-glucopyranoside**
**CH-10039**

C<sub>41</sub>H<sub>52</sub>O<sub>9</sub>, MW 688.85

50 g

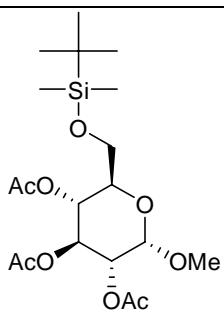
100 g

**Methyl-6-O-trityl-2,3,4-tri-O-benzyl- $\alpha$ -D-glucopyranoside**
**CH-10040**

C<sub>47</sub>H<sub>46</sub>O<sub>6</sub>, MW 706.86

50 g

[18685-19-3]

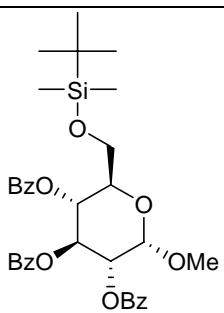
100 g

**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-acetyl- $\alpha$ -D-glucopyranoside**
**CH-10041**

C<sub>19</sub>H<sub>34</sub>O<sub>9</sub>Si, MW 434.55

10 g

[63734-11-2]

50 g

**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-benzoyl- $\alpha$ -D-glucopyranoside**
**CH-10042**

C<sub>34</sub>H<sub>40</sub>O<sub>9</sub>Si, MW 620.76

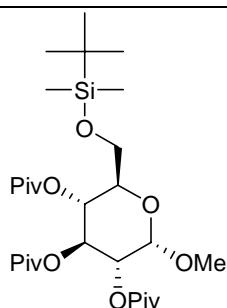
10 g

[128142-70-1]

50 g

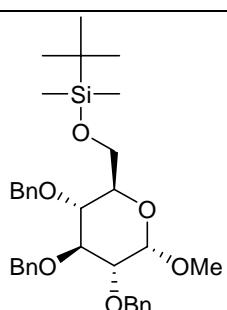
**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-pivaloyl- $\alpha$ -D-glucopyranoside**

**CH-10043**

 <chem>C[C@@H]1O[C@H](COP(=O)([O-])[O-])[C@H](O)[C@H](O)[C@H]1OP(=O)([O-])[O-]</chem>	$C_{28}H_{52}O_9Si$ , MW 560.79	10 g
		50 g

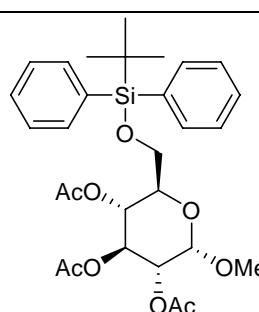
**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-benzyl- $\alpha$ -D-glucopyranoside**

**CH-10044**

 <chem>C[C@@H]1O[C@H](COc2ccccc2)[C@H](O)[C@H](O)[C@H]1OP(=O)([O-])[O-]</chem>	$C_{34}H_{46}O_6Si$ , MW 578.81 [166592-73-0]	10 g
		50 g

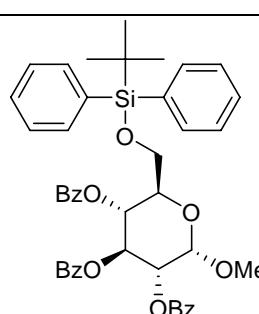
**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-acetyl- $\alpha$ -D-glucopyranoside**

**CH-10045**

 <chem>C[C@@H]1O[C@H](COP(=O)([O-])[O-])[C@H](O)[C@H](O)[C@H]1OP(=O)([O-])[O-]</chem>	$C_{29}H_{38}O_9Si$ , MW 558.69 [790685-09-5]	10 g
		50 g

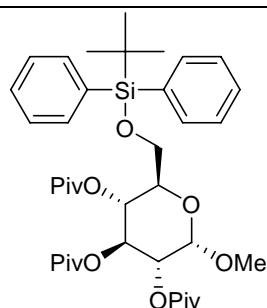
**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-benzoyl- $\alpha$ -D-glucopyranoside**

**CH-10046**

 <chem>C[C@@H]1O[C@H](COP(=O)([O-])[O-])[C@H](O)[C@H](O)[C@H]1OP(=O)([O-])[O-]</chem>	$C_{44}H_{44}O_9Si$ , MW 744.90	10 g
		50 g

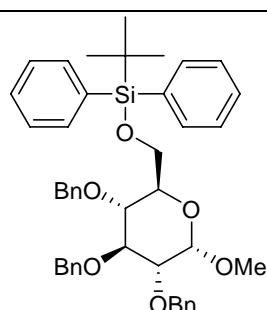
**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-pivaloyl- $\alpha$ -D-glucopyranoside**

**CH-10047**

 <chem>C[C@@H]1O[C@H](COP(=O)([O-])[O-])[C@H](O)[C@H](O)[C@H]1OP(=O)([O-])[O-]</chem>	$C_{38}H_{56}O_9Si$ , MW 684.93	10 g
		50 g

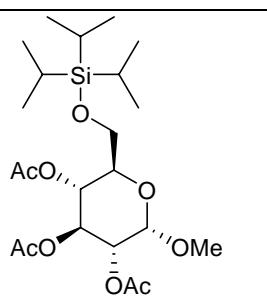
**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-benzyl- $\alpha$ -D-glucopyranoside**

**CH-10048**

 <chem>C[C@@H]1O[C@H](COc2ccccc2)[C@H](O)[C@H](O)[C@H]1OP(=O)([O-])[O-]</chem>	$C_{44}H_{50}O_6Si$ , MW 702.95 [58479-67-7]	10 g
		50 g

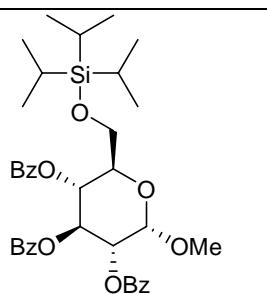
**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-acetyl- $\alpha$ -D-glucopyranoside**

**CH-10049**

 <chem>C[C@@H]1O[C@H](COP(=O)([O-])[O-])[C@H](O)[C@H](O)[C@H]1OP(=O)([O-])[O-]</chem>	$C_{22}H_{40}O_9Si$ , MW 476.63	10 g
		50 g

**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-benzoyl- $\alpha$ -D-glucopyranoside**

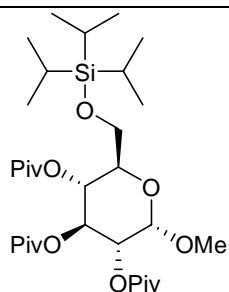
**CH-10050**

 <chem>C[C@@H]1O[C@H](COP(=O)([O-])[O-])[C@H](O)[C@H](O)[C@H]1OP(=O)([O-])[O-]</chem>	$C_{37}H_{46}O_9Si$ , MW 662.84 [356060-80-5]	10 g
		50 g

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**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-pivaloyl- $\alpha$ -D-glucopyranoside**

**CH-10051**



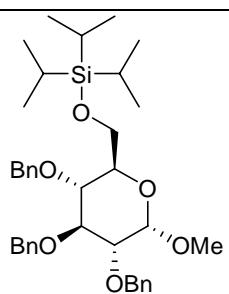
C<sub>31</sub>H<sub>58</sub>O<sub>9</sub>Si, MW 602.87

10 g

50 g

**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-benzyl- $\alpha$ -D-glucopyranoside**

**CH-10052**



C<sub>37</sub>H<sub>52</sub>O<sub>6</sub>Si, MW 620.89

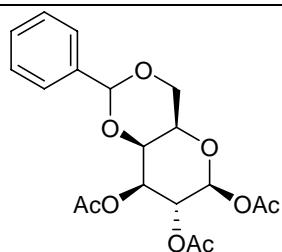
10 g

50 g

## 2 Galactose Derivatives

### 4,6-Di-O-benzylidene-1,2,3-tri-O-acetyl- $\beta$ -D-galactopyranose

**CH-10053**



C<sub>19</sub>H<sub>22</sub>O<sub>9</sub>, MW 394.37

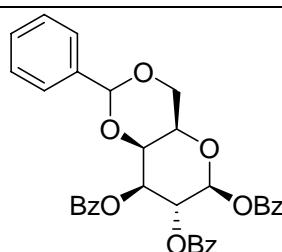
[78962-43-3]

50 g

100 g

### 4,6-Di-O-benzylidene-1,2,3-tri-O-benzoyl- $\beta$ -D-galactopyranose

**CH-10054**



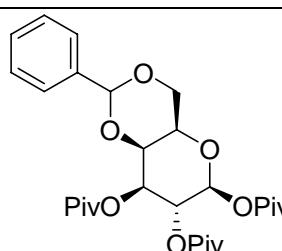
C<sub>34</sub>H<sub>28</sub>O<sub>9</sub>, MW 580.58

50 g

100 g

### 4,6-Di-O-benzylidene-1,2,3-tri-O-pivaloyl- $\beta$ -D-galactopyranose

**CH-10055**



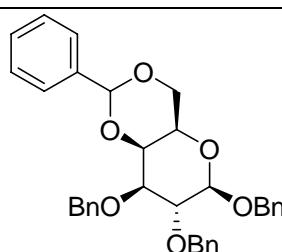
C<sub>28</sub>H<sub>40</sub>O<sub>9</sub>, MW 520.61

50 g

100 g

### 4,6-Di-O-benzylidene-1,2,3-tri-O-benzyl- $\beta$ -D-galactopyranose

**CH-10056**



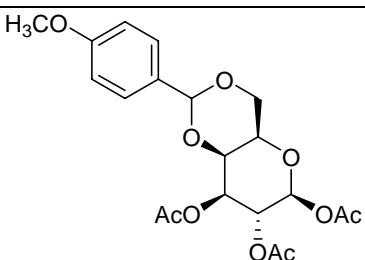
C<sub>34</sub>H<sub>34</sub>O<sub>6</sub>, MW 538.63

[57783-80-9]

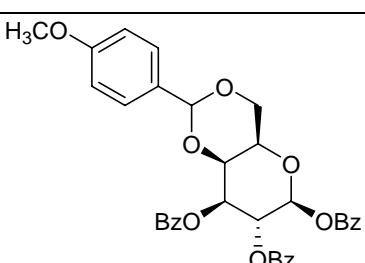
50 g

100 g

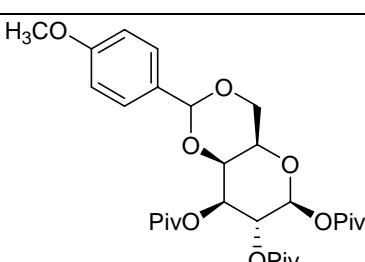
**4,6-Di-O-(4-methoxybenzylidene)-1,2,3-tri-O-acetyl- $\beta$ -D-galactopyranose** **CH-10057**

	C <sub>20</sub> H <sub>24</sub> O <sub>10</sub> , MW 424.40	50 g
		100 g

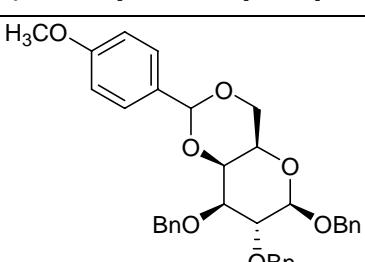
**4,6-Di-O-(4-methoxybenzylidene)-1,2,3-tri-O-benzoyl- $\beta$ -D-galactopyranose** **CH-10058**

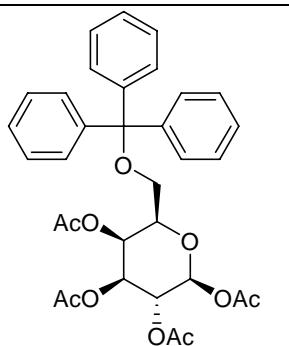
	C <sub>35</sub> H <sub>30</sub> O <sub>10</sub> , MW 610.61	50 g
		100 g

**4,6-Di-O-(4-methoxybenzylidene)-1,2,3-tri-O-pivaloyl- $\beta$ -D-galactopyranose** **CH-10059**

	C <sub>29</sub> H <sub>42</sub> O <sub>10</sub> , MW 550.64	50 g
		100 g

**4,6-Di-O-(4-methoxybenzylidene)-1,2,3-tri-O-benzyl- $\beta$ -D-galactopyranose** **CH-10060**

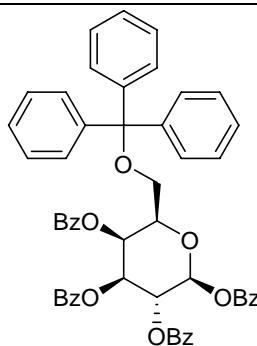
	C <sub>35</sub> H <sub>36</sub> O <sub>7</sub> , MW 568.66	50 g
		100 g

**6-O-Trityl-1,2,3,4-tetra-O-acetyl- $\beta$ -D-galactopyranose**
**CH-10061**

C<sub>33</sub>H<sub>34</sub>O<sub>10</sub>, MW 590.62

50 g

[124648-92-6]

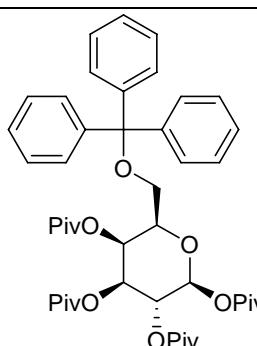
100 g

**6-O-Trityl-1,2,3,4-tetra-O-benzoyl- $\beta$ -D-galactopyranose**
**CH-10062**

C<sub>53</sub>H<sub>42</sub>O<sub>10</sub>, MW 838.89

50 g

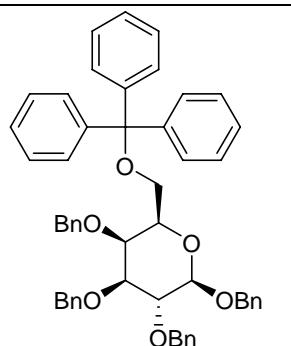
[100740-75-8]

100 g

**6-O-Trityl-1,2,3,4-tetra-O-pivaloyl- $\beta$ -D-galactopyranose**
**CH-10063**

C<sub>45</sub>H<sub>58</sub>O<sub>10</sub>, MW 758.94

50 g

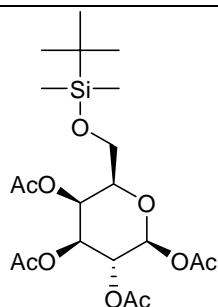
100 g

**6-O-Trityl-1,2,3,4-tetra-O-benzyl- $\beta$ -D-galactopyranose**
**CH-10064**

C<sub>53</sub>H<sub>50</sub>O<sub>6</sub>, MW 782.96

50 g

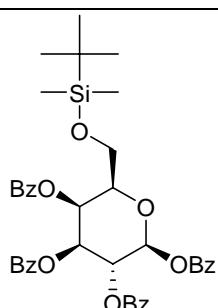
[39687-22-4]

100 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-acetyl- $\beta$ -D-galactopyranose**
**CH-10069**

C<sub>20</sub>H<sub>34</sub>O<sub>10</sub>Si, MW 462.56

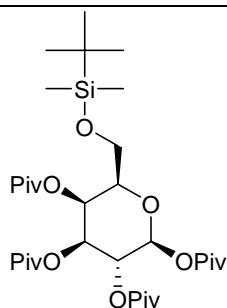
10 g

50 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-benzoyl- $\beta$ -D-galactopyranose**
**CH-10070**

C<sub>40</sub>H<sub>42</sub>O<sub>10</sub>Si, MW 710.84

10 g

50 g

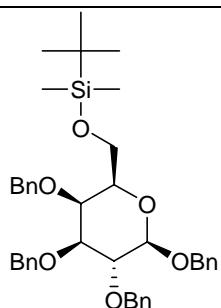
**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-pivaloyl- $\beta$ -D-galactopyranose**
**CH-10071**

C<sub>32</sub>H<sub>58</sub>O<sub>10</sub>Si, MW 630.88

10 g

50 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-benzyl- $\beta$ -D-galactopyranose**

**CH-10072**



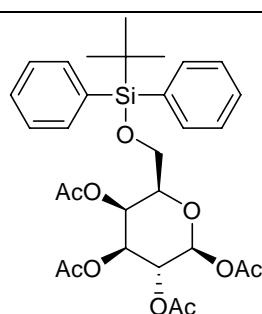
C<sub>40</sub>H<sub>50</sub>O<sub>6</sub>Si, MW 654.91

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-O-tetra-O-acetyl- $\beta$ -D-galactopyranose**

**CH-10073**



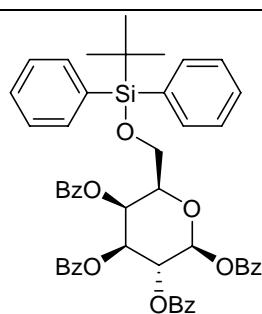
C<sub>30</sub>H<sub>38</sub>O<sub>10</sub>Si, MW 586.70

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-O-tetra-O-benzoyl- $\beta$ -D-galactopyranose**

**CH-10074**



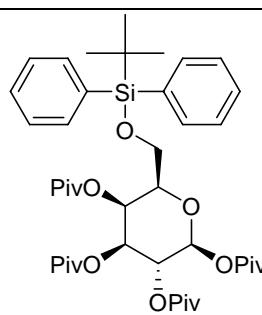
C<sub>50</sub>H<sub>46</sub>O<sub>10</sub>Si, MW 834.98

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-O-tetra-O-pivaloyl- $\beta$ -D-galactopyranose**

**CH-10075**



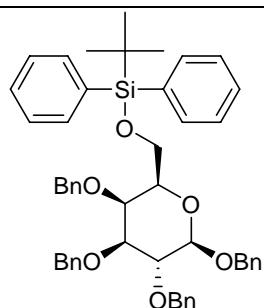
C<sub>42</sub>H<sub>62</sub>O<sub>10</sub>Si, MW 755.02

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-O-tetra-O-benzyl- $\beta$ -D-galactopyranose**

**CH-10076**



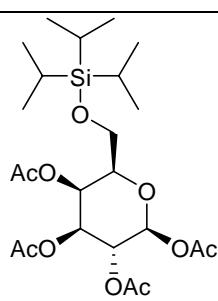
C<sub>50</sub>H<sub>54</sub>O<sub>6</sub>Si, MW 779.05

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-O-tetra-O-acetyl- $\beta$ -D-galactopyranose**

**CH-10077**



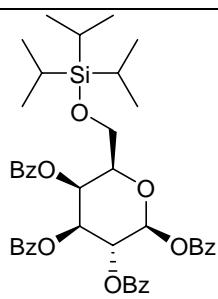
C<sub>23</sub>H<sub>40</sub>O<sub>10</sub>Si, MW 504.64

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-O-tetra-O-benzoyl- $\beta$ -D-galactopyranose**

**CH-10078**



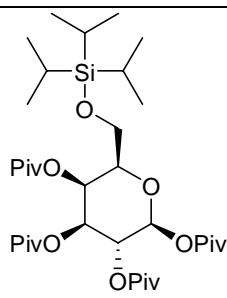
C<sub>43</sub>H<sub>48</sub>O<sub>10</sub>Si, MW 752.92

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-O-tetra-O-pivaloyl- $\beta$ -D-galactopyranose**

**CH-10079**



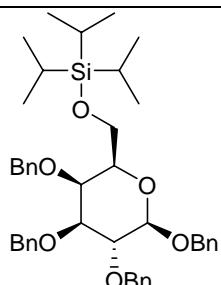
C<sub>35</sub>H<sub>64</sub>O<sub>10</sub>Si, MW 672.96

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-O-tetra-O-benzyl- $\beta$ -D-galactopyranose**

**CH-10080**



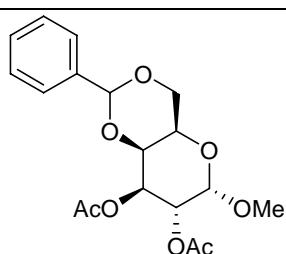
C<sub>43</sub>H<sub>56</sub>O<sub>6</sub>Si, MW 696.99

10 g

50 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-acetyl- $\alpha$ -D-galactopyranoside**

**CH-10081**



C<sub>18</sub>H<sub>22</sub>O<sub>8</sub>, MW 366.36

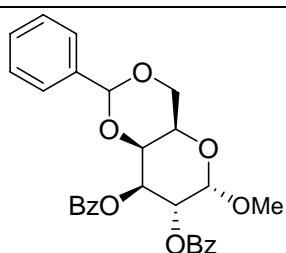
5 g

[15451-81-7]

10 g

**Methyl-4,6-di-O-benzyliden-2,3-di-O-benzoyl- $\alpha$ -D-galactopyranoside**

**CH-10082**



C<sub>28</sub>H<sub>26</sub>O<sub>8</sub>, MW 490.50

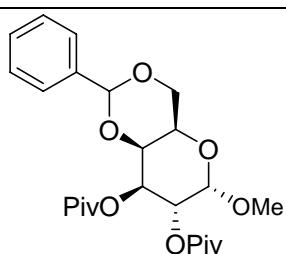
5 g

[6953-72-6]

10 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-pivaloyl- $\alpha$ -D-galactopyranoside**

**CH-10083**



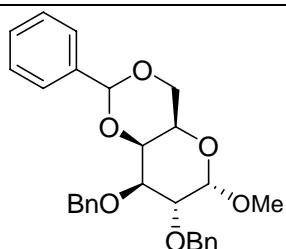
C<sub>24</sub>H<sub>34</sub>O<sub>8</sub>, MW 450.52

5 g

10 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-benzyl- $\alpha$ -D-galactopyranoside**

**CH-10084**



C<sub>28</sub>H<sub>30</sub>O<sub>6</sub>, MW 462.53

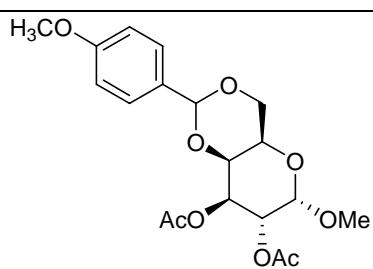
[29600-81-5]

5 g

10 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-acetyl- $\alpha$ -D-galactopyranoside**

**CH-10085**



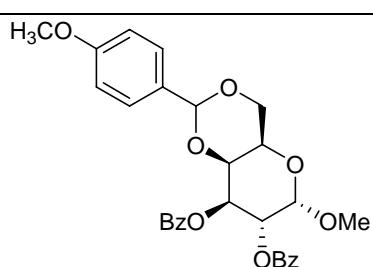
C<sub>19</sub>H<sub>24</sub>O<sub>9</sub>, MW 396.69

5 g

10 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-benzoyl- $\alpha$ -D-galactopyranoside**

**CH-10086**



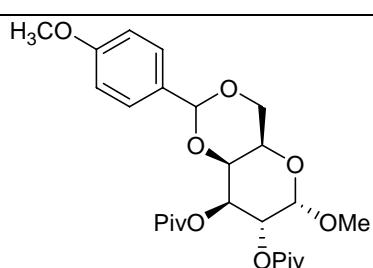
C<sub>29</sub>H<sub>28</sub>O<sub>9</sub>, MW 520.53

5 g

10 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-pivaloyl- $\alpha$ -D-galactopyranoside**

**CH-10087**

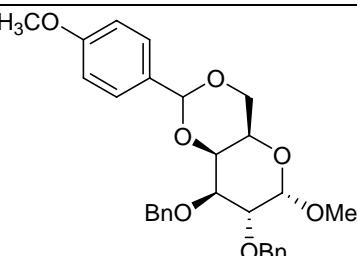


C<sub>25</sub>H<sub>36</sub>O<sub>9</sub>, MW 480.55

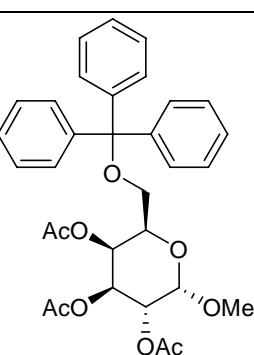
5 g

10 g

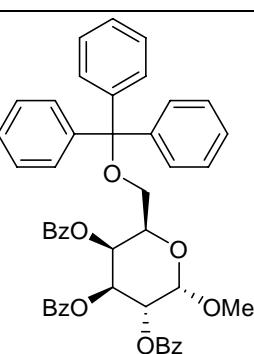
**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-benzyl- $\alpha$ -D-galactopyranoside** **CH-10088**

	C <sub>29</sub> H <sub>32</sub> O <sub>7</sub> , MW 492.56 [94902-59-7]	5 g
		10 g

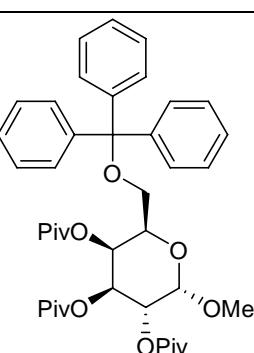
**Methyl-6-O-trityl-2,3,4-tri-O-acetyl- $\alpha$ -D-galactopyranoside** **CH-10089**

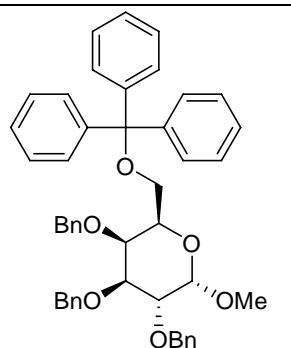
	C <sub>32</sub> H <sub>34</sub> O <sub>9</sub> , MW 562.61 [38982-56-8]	5 g
		10 g

**Methyl-6-O-trityl-2,3,4-tri-O-benzoyl- $\alpha$ -D-galactopyranoside** **CH-10090**

	C <sub>47</sub> H <sub>40</sub> O <sub>9</sub> , MW 748.82 [130163-39-2]	5 g
		10 g

**Methyl-6-O-trityl-2,3,4-tri-O-pivaloyl- $\alpha$ -D-galactopyranoside** **CH-10091**

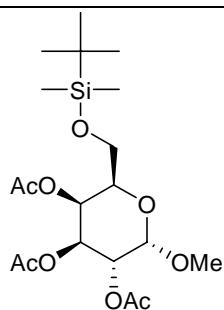
	C <sub>41</sub> H <sub>52</sub> O <sub>9</sub> , MW 668.85	5 g
		10 g

**Methyl-6-O-trityl-2,3,4-tri-O-benzyl- $\alpha$ -D-galactopyranoside**
**CH-10092**

C<sub>47</sub>H<sub>46</sub>O<sub>6</sub>, MW 706.86

5 g

[2595-06-4]

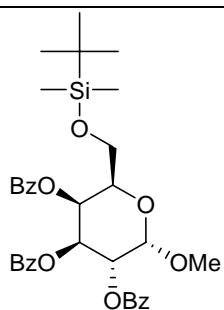
10 g

**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-acetyl- $\alpha$ -D-galactopyranoside**
**CH-10093**

C<sub>19</sub>H<sub>34</sub>O<sub>9</sub>Si, MW 434.55

5 g

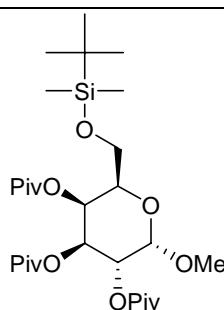
[594841-23-3]

10 g

**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-benzoyl- $\alpha$ -D-galactopyranoside**
**CH-10094**

C<sub>34</sub>H<sub>40</sub>O<sub>9</sub>Si, MW 620.76

5 g

10 g

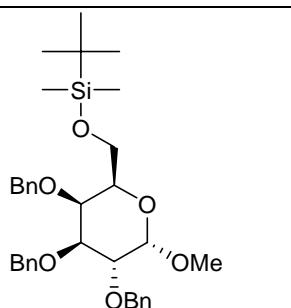
**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-pivaloyl- $\alpha$ -D-galactopyranoside**
**CH-10095**

C<sub>28</sub>H<sub>52</sub>O<sub>9</sub>Si, MW 560.79

5 g

10 g

**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-benzyl- $\alpha$ -D-galactopyranoside**

**CH-10096**



C<sub>34</sub>H<sub>46</sub>O<sub>6</sub>Si, MW 578.81

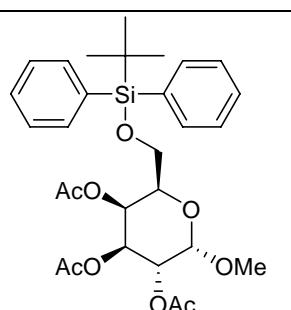
5 g

[862730-60-7]

10 g

**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-acetyl- $\alpha$ -D-galactopyranoside**

**CH-10097**



C<sub>29</sub>H<sub>38</sub>O<sub>9</sub>Si, MW 558.69

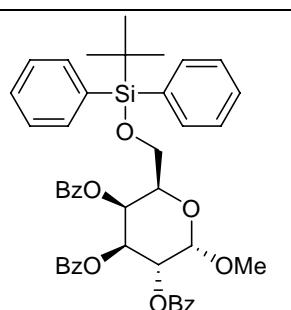
5 g

[169686-81-1]

10 g

**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-benzoyl- $\alpha$ -D-galactopyranoside**

**CH-10098**



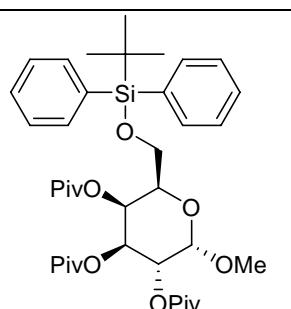
C<sub>44</sub>H<sub>44</sub>O<sub>9</sub>Si, MW 744.90

5 g

10 g

**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-pivaloyl- $\alpha$ -D-galactopyranoside**

**CH-10099**



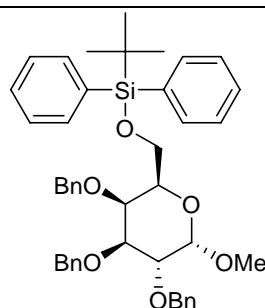
C<sub>38</sub>H<sub>56</sub>O<sub>9</sub>Si, MW 684.93

5 g

10 g

**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-benzyl- $\alpha$ -D-galactopyranoside**

**CH-10100**



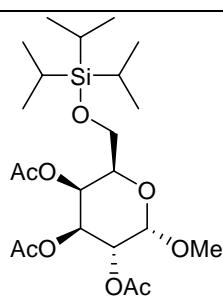
C<sub>44</sub>H<sub>50</sub>O<sub>6</sub>Si, MW 702.95

5 g

10 g

**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-acetyl- $\alpha$ -D-galactopyranoside**

**CH-10101**



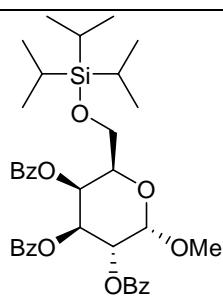
C<sub>22</sub>H<sub>40</sub>O<sub>9</sub>Si, MW 476.63

5 g

10 g

**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-benzoyl- $\alpha$ -D-galactopyranoside**

**CH-10102**



C<sub>37</sub>H<sub>46</sub>O<sub>9</sub>Si, MW 662.84

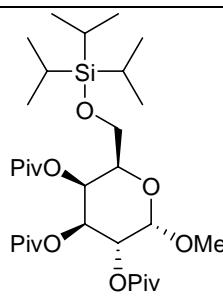
[356060-82-7]

5 g

10 g

**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-pivaloyl- $\alpha$ -D-galactopyranoside**

**CH-10103**



C<sub>31</sub>H<sub>58</sub>O<sub>9</sub>Si, MW 602.87

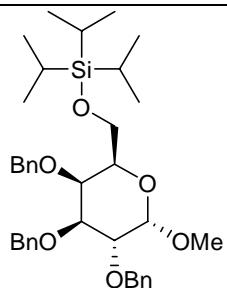
5 g

10 g

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**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-benzyl- $\alpha$ -D-galactopyranoside**

**CH-10104**



C<sub>37</sub>H<sub>52</sub>O<sub>6</sub>Si, MW 620.89

[162147-37-7]

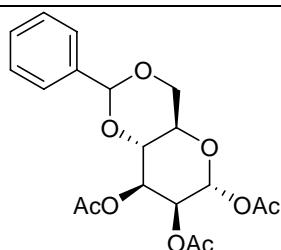
5 g

10 g

### 3 Mannose Derivatives

#### 4,6-Di-O-benzylidene-1,2,3-tri-O-acetyl- $\alpha$ -D-mannopyranose

**CH-10105**



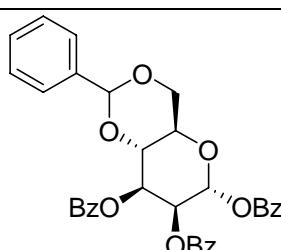
C<sub>19</sub>H<sub>22</sub>O<sub>9</sub>, MW 394.37

50 g

100 g

#### 4,6-Di-O-benzylidene-1,2,3-tri-O-benzoyl- $\alpha$ -D-mannopyranose

**CH-10106**



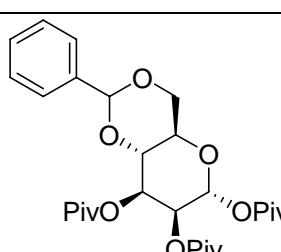
C<sub>34</sub>H<sub>28</sub>O<sub>9</sub>, MW 580.58

50 g

100 g

#### 4,6-Di-O-benzylidene-1,2,3-tri-O-pivaloyl- $\alpha$ -D-mannopyranose

**CH-10107**



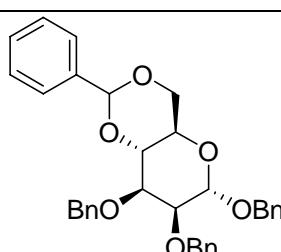
C<sub>28</sub>H<sub>40</sub>O<sub>9</sub>, MW 520.61

50 g

100 g

#### 4,6-Di-O-benzylidene-1,2,3-tri-O-benzyl- $\alpha$ -D-mannopyranose

**CH-10108**



C<sub>34</sub>H<sub>34</sub>O<sub>6</sub>, MW 538.63

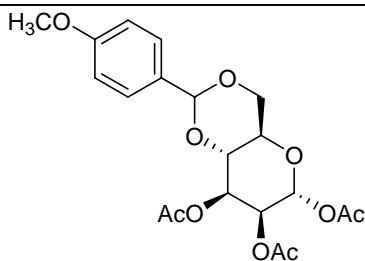
[57783-75-2]

50 g

100 g

### **4,6-Di-O-(4-methoxybenzylidene)-1,2,3-tri-O-acetyl- $\alpha$ -D-mannopyranose**

CH-10109



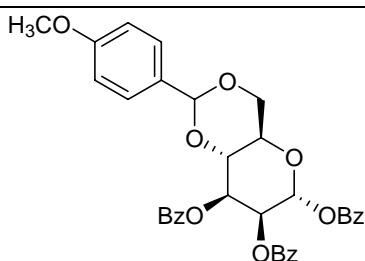
C<sub>20</sub>H<sub>24</sub>O<sub>10</sub>, MW 424.40

50 g

100 g

#### **4,6-Di-O-(4-methoxybenzylidene)-1,2,3-tri-O-benzoyl- $\alpha$ -D-mannopyranose**

**CH-10110**



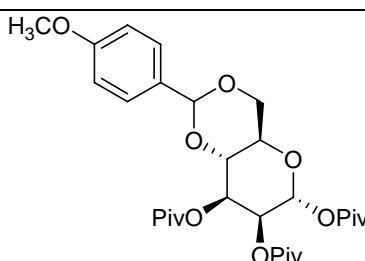
C<sub>35</sub>H<sub>30</sub>O<sub>10</sub>, MW 610.61

50 g

100 g

#### 4,6-Di-O-(4-methoxybenzylidene)-1,2,3-tri-O-pivaloyl- $\alpha$ -D-mannopyranose

**CH-10111**



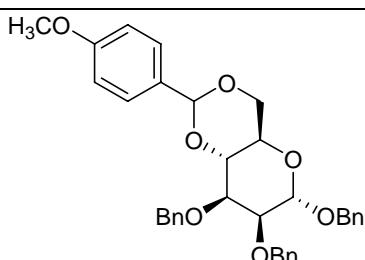
C<sub>28</sub>H<sub>42</sub>O<sub>10</sub>; MW 550.64

50 g

100 g

#### **4,6-Di-O-(4-methoxybenzylidene)-1,2,3-tri-O-benzyl- $\alpha$ -D-mannopyranose**

**CH-10112**



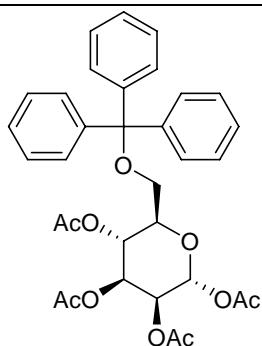
C<sub>25</sub>H<sub>36</sub>O<sub>7</sub>, MW 568.66

50 g

100 g

**6-O-Trityl-1,2,3,4-tetra-O-acetyl- $\alpha$ -D-mannopyranose**

**CH-10113**



C<sub>33</sub>H<sub>34</sub>O<sub>10</sub>, MW 590.62

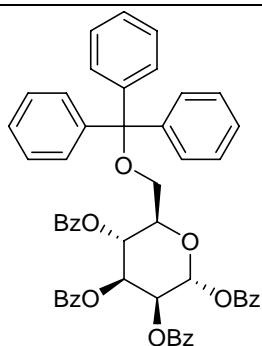
50 g

[72691-30-6]

100 g

**6-O-Trityl-1,2,3,4-tetra-O-benzoyl- $\alpha$ -D-mannopyranose**

**CH-10114**



C<sub>53</sub>H<sub>42</sub>O<sub>10</sub>, MW 838.89

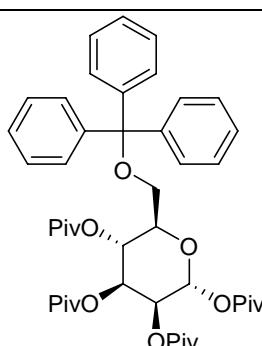
50 g

[377074-45-8]

100 g

**6-O-Trityl-1,2,3,4-tetra-O-pivaloyl- $\alpha$ -D-mannopyranose**

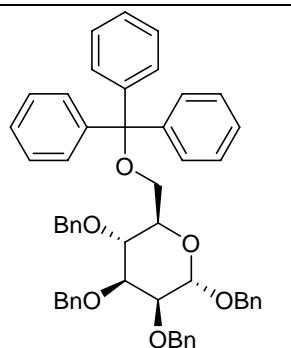
**CH-10115**



C<sub>45</sub>H<sub>58</sub>O<sub>10</sub>, MW 758.94

50 g

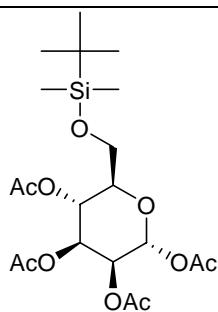
100 g

**6-O-Trityl-1,2,3,4-tetra-O-benzyl- $\alpha$ -D-mannopyranose**
**CH-10116**

C<sub>53</sub>H<sub>50</sub>O<sub>6</sub>, MW 782.96

50 g

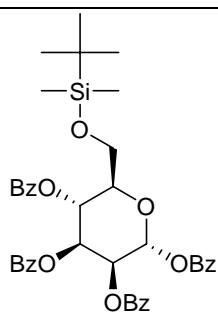
[78561-22-5]

100 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-acetyl- $\alpha$ -D-mannopyranose**
**CH-10121**

C<sub>20</sub>H<sub>34</sub>O<sub>10</sub>Si, MW 462.56

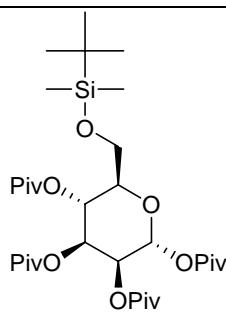
10 g

50 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-benzoyl- $\alpha$ -D-mannopyranose**
**CH-10122**

C<sub>40</sub>H<sub>42</sub>O<sub>10</sub>Si, MW 710.84

10 g

50 g

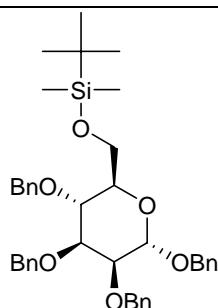
**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-pivaloyl- $\alpha$ -D-mannopyranose**
**CH-10123**

C<sub>32</sub>H<sub>58</sub>O<sub>10</sub>Si, MW 630.88

10 g

50 g

**6-O-(tert.-Butyldimethylsilyl)-1,2,3,4-tetra-O-benzyl- $\alpha$ -D-mannopyranose**

**CH-10124**



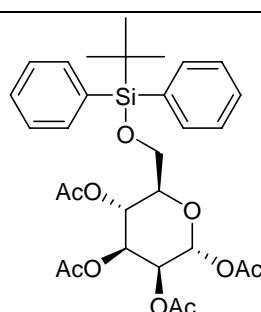
C<sub>40</sub>H<sub>50</sub>O<sub>6</sub>Si, MW 654.91

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-tetra-O-acetyl- $\alpha$ -D-mannopyranose**

**CH-10125**



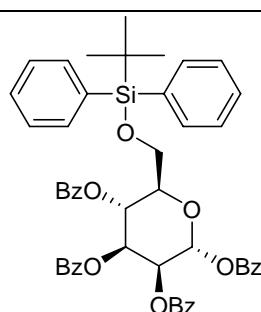
C<sub>30</sub>H<sub>38</sub>O<sub>10</sub>Si, MW 586.70

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-tetra-O-benzoyl- $\alpha$ -D-mannopyranose**

**CH-10126**



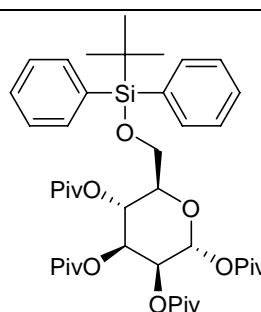
C<sub>50</sub>H<sub>46</sub>O<sub>10</sub>Si, MW 834.98

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-tetra-O-pivaloyl- $\alpha$ -D-mannopyranose**

**CH-10127**



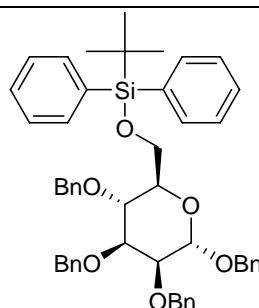
C<sub>42</sub>H<sub>62</sub>O<sub>10</sub>Si, MW 755.02

10 g

50 g

**6-O-(tert.-Butyldiphenylsilyl)-1,2,3,4-tetra-O-benzyl- $\alpha$ -D-mannopyranose**

**CH-10128**



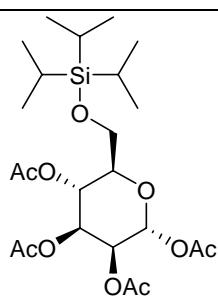
C<sub>50</sub>H<sub>54</sub>O<sub>6</sub>Si, MW 779.05

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-tetra-O-acetyl- $\alpha$ -D-mannopyranose**

**CH-10129**



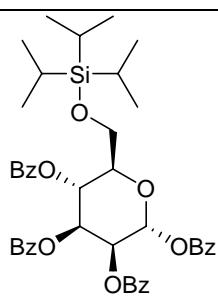
C<sub>23</sub>H<sub>40</sub>O<sub>10</sub>Si, MW 504.64

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-tetra-O-benzoyl- $\alpha$ -D-mannopyranose**

**CH-10130**



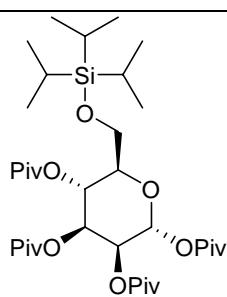
C<sub>43</sub>H<sub>48</sub>O<sub>10</sub>Si, MW 752.92

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-tetra-O-pivaloyl- $\alpha$ -D-mannopyranose**

**CH-10131**



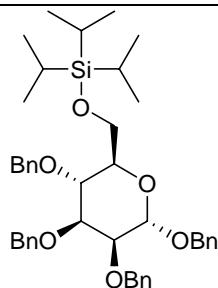
C<sub>35</sub>H<sub>64</sub>O<sub>10</sub>Si, MW 672.96

10 g

50 g

**6-O-(Triisopropylsilyl)-1,2,3,4-tetra-O-benzyl- $\alpha$ -D-mannopyranose**

**CH-10132**



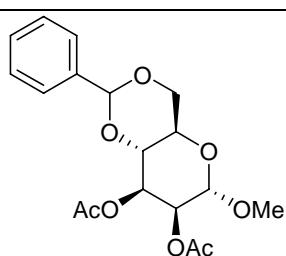
C<sub>43</sub>H<sub>56</sub>O<sub>6</sub>Si, MW 696.99

10 g

50 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-acetyl- $\alpha$ -D-mannopyranoside**

**CH-10133**



C<sub>18</sub>H<sub>22</sub>O<sub>8</sub>, MW 366.36

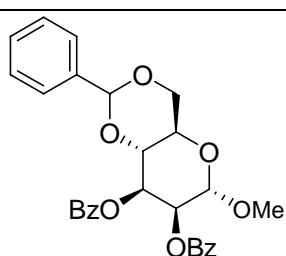
50 g

[6748-84-1]

100 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-benzoyl- $\alpha$ -D-mannopyranoside**

**CH-10134**



C<sub>28</sub>H<sub>26</sub>O<sub>8</sub>, MW 490.50

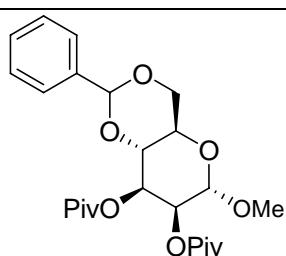
50 g

[6748-85-2]

100 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-pivaloyl- $\alpha$ -D-mannopyranoside**

**CH-10135**



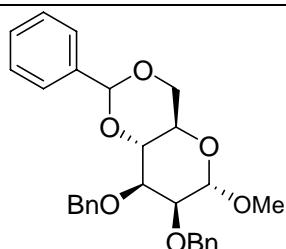
C<sub>24</sub>H<sub>34</sub>O<sub>8</sub>, MW 450.52

50 g

100 g

**Methyl-4,6-di-O-benzylidene-2,3-di-O-benzyl- $\alpha$ -D-mannopyranoside**

**CH-10136**



C<sub>28</sub>H<sub>30</sub>O<sub>6</sub>, MW 462.53

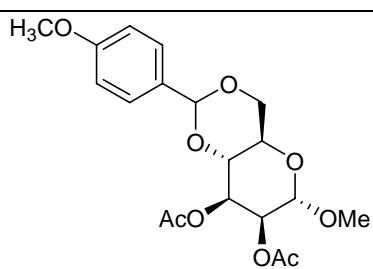
[51842-18-3]

50 g

100 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-acetyl- $\alpha$ -D-mannopyranoside**

**CH-10137**



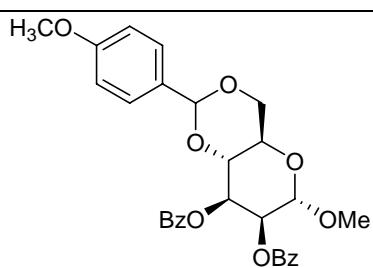
C<sub>19</sub>H<sub>24</sub>O<sub>9</sub>, MW 396.39

50 g

100 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-benzoyl- $\alpha$ -D-mannopyranoside**

**CH-10138**



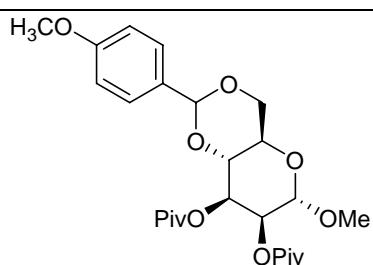
C<sub>29</sub>H<sub>28</sub>O<sub>9</sub>, MW 520.53

50 g

100 g

**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-pivaloyl- $\alpha$ -D-mannopyranoside**

**CH-10139**



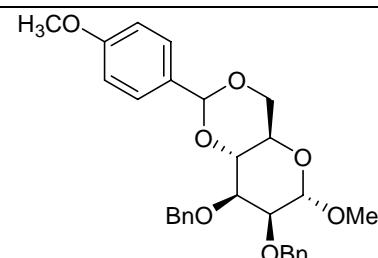
C<sub>25</sub>H<sub>36</sub>O<sub>9</sub>, MW 480.55

50 g

100 g

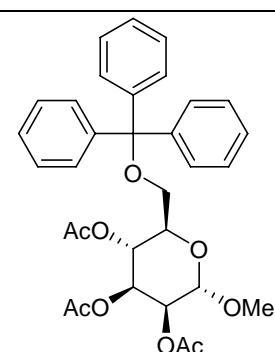
**Methyl-4,6-di-O-(4-methoxybenzylidene)-2,3-di-O-benzyl- $\alpha$ -D-mannopyranoside**

**CH-10140**

	C <sub>29</sub> H <sub>32</sub> O <sub>7</sub> , MW 492.56 [211231-57-1]	50 g
		100 g

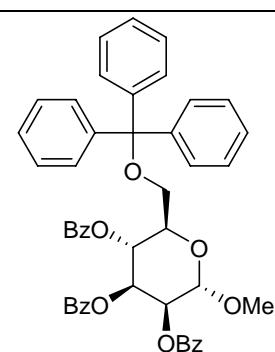
**Methyl-6-O-trityl-2,3,4-tri-O-acetyl- $\alpha$ -D-mannopyranoside**

**CH-10141**

	C <sub>32</sub> H <sub>34</sub> O <sub>9</sub> , MW 562.61 [7511-40-2]	50 g
		100 g

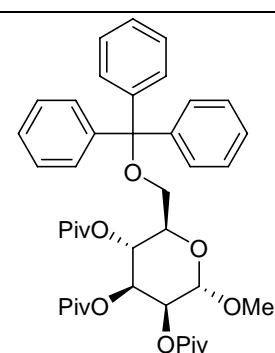
**Methyl-6-O-trityl-2,3,4-tri-O-benzoyl- $\alpha$ -D-mannopyranoside**

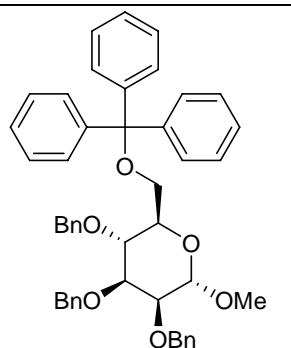
**CH-10142**

	C <sub>47</sub> H <sub>40</sub> O <sub>9</sub> , MW 748.82 [198338-59-9]	50 g
		100 g

**Methyl-6-O-trityl-2,3,4-tri-O-pivaloyl- $\alpha$ -D-mannopyranoside**

**CH-10143**

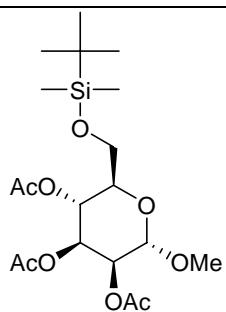
	C <sub>41</sub> H <sub>52</sub> O <sub>9</sub> , MW 688.85	50 g
		100 g

**Methyl-6-O-trityl-2,3,4-tri-O-benzyl- $\alpha$ -D-mannopyranoside**
**CH-10144**

C<sub>47</sub>H<sub>46</sub>O<sub>6</sub>, MW 706.86

50 g

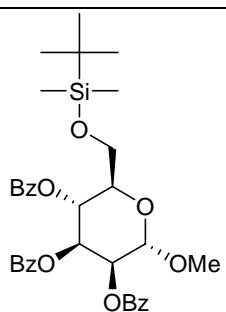
[40653-13-2]

100 g

**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-acetyl- $\alpha$ -D-mannopyranoside**
**CH-10145**

C<sub>19</sub>H<sub>34</sub>O<sub>9</sub>Si, MW 434.55

10 g

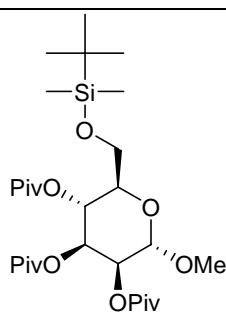
50 g

**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-benzoyl- $\alpha$ -D-mannopyranoside**
**CH-10146**

C<sub>34</sub>H<sub>40</sub>O<sub>9</sub>Si, MW 620.76

10 g

[853879-39-7]

50 g

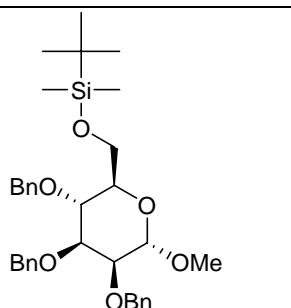
**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-pivaloyl- $\alpha$ -D-mannopyranoside**
**CH-10147**

C<sub>28</sub>H<sub>52</sub>O<sub>9</sub>Si, MW 560.79

10 g

50 g

**Methyl-6-O-(tert.-butyldimethylsilyl)-2,3,4-tri-O-benzyl- $\alpha$ -D-mannopyranoside**

**CH-10148**



C<sub>34</sub>H<sub>46</sub>O<sub>6</sub>Si, MW 578.81

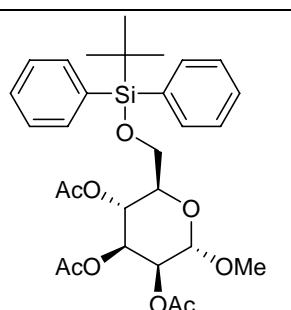
10 g

[206186-94-9]

50 g

**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-acetyl- $\alpha$ -D-mannopyranoside**

**CH-10149**



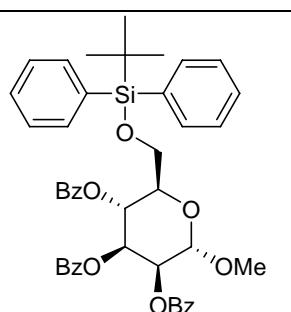
C<sub>29</sub>H<sub>38</sub>O<sub>9</sub>Si, MW 558.69

10 g

50 g

**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-benzoyl- $\alpha$ -D-mannopyranoside**

**CH-10150**



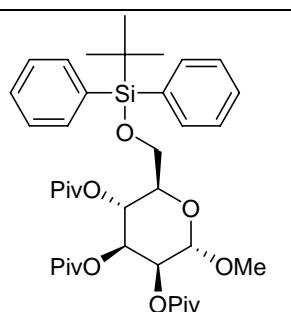
C<sub>44</sub>H<sub>44</sub>O<sub>9</sub>Si, MW 744.90

10 g

50 g

**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-pivaloyl- $\alpha$ -D-mannopyranoside**

**CH-10151**



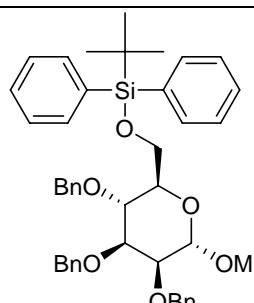
C<sub>38</sub>H<sub>56</sub>O<sub>9</sub>Si, MW 684.93

10 g

50 g

**Methyl-6-O-(tert.-butyldiphenylsilyl)-2,3,4-tri-O-benzyl- $\alpha$ -D-mannopyranoside**

**CH-10152**



C<sub>44</sub>H<sub>50</sub>O<sub>6</sub>Si, MW 702.95

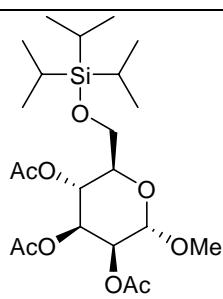
10 g

[186540-03-4]

50 g

**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-acetyl- $\alpha$ -D-mannopyranoside**

**CH-10153**



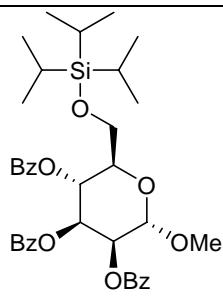
C<sub>22</sub>H<sub>40</sub>O<sub>9</sub>Si, MW 476.63

10 g

50 g

**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-benzoyl- $\alpha$ -D-mannopyranoside**

**CH-10154**



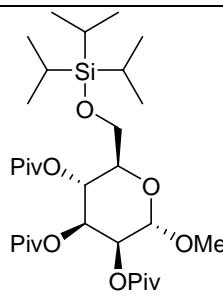
C<sub>37</sub>H<sub>46</sub>O<sub>9</sub>Si, MW 662.84

10 g

50 g

**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-pivaloyl- $\alpha$ -D-mannopyranoside**

**CH-10155**



C<sub>31</sub>H<sub>58</sub>O<sub>9</sub>Si, MW 602.87

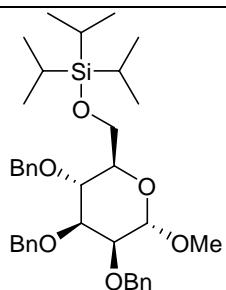
10 g

50 g

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**Methyl-6-O-(triisopropylsilyl)-2,3,4-tri-O-benzyl- $\alpha$ -D-mannopyranoside**

**CH-10156**



C<sub>37</sub>H<sub>52</sub>O<sub>6</sub>Si, MW 620.89

10 g

50 g