

Carbohydrates

Carbohydrates are key compounds in the study of metabolism. They are also increasingly used for many biochemical purification techniques, including chromatography and electrophoresis. Many of these techniques depend on derivatives of cellulose, dextran and agarose. Functionalized carbohydrates, such as azido-modified sugars, are increasingly being used for different types of proteomics research. Alfa Aesar carries a large range of carbohydrate building blocks. We offer a selection of mono and polysaccharides as well as modified sugar derivatives. For a full listing of our carbohydrates visit our website.

Methylumbelliferyl modifiers

| Item | Description | Sizes |
|--------|--|---------------|
| J66630 | 4-Methylumbelliferyl beta-D-glucopyranoside, 99% | 250mg, 1g, 5g |
| J66091 | 4-Methylumbelliferyl phosphate, 99% | 250mg, 1g, 5g |
| J66160 | 4-Methylumbelliferyl sulfate potassium salt, 98% | 500mg, 1g, 5g |

Non-ionic detergents

| Item | Description | Sizes |
|--------|---|---------------|
| J66644 | Decyl beta-D-maltopyranoside, 98% | 500mg, 1g, 5g |
| J66869 | n-Dodecyl-beta-D-maltopyranoside | 500mg, 1g, 5g |
| J66423 | Decyl beta-D-glucopyranoside | 1g, 5g |
| J66173 | n-Dodecyl beta-D-glucopyranoside | 1g, 5g |
| J66576 | Heptyl beta-D-glucopyranoside, 99% | 500mg, 1g |
| J66531 | n-Hexadecyl beta-D-maltopyranoside, 98% | 100mg, 500mg |

Cyclized sugars

| Item | Description | Sizes |
|--------|--|-------------|
| J66871 | 2,3-O-Isopropylidene-D-erythronolactone, 98% | 1g, 5g |
| J66110 | 1,2-O-Isopropylidene-alpha-D-xylofuranose, 98% | 5g, 10g |
| J66442 | 2,3-O-Isopropylidene-D-ribonic acid-1,4-lactone, 98% | 500mg, 1g |
| J66337 | 2,3-O-Isopropylidene-D-glyceraldehyde, 97% | 1g, 5g, 10g |
| J66583 | 4,6-O-Ethylidene-D-glucopyranose, 90% | 1g, 5g |
| J66871 | 2,3-O-Isopropylidene-D-erythronolactone, 98% | 1g, 5g |

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Monosaccharides & Derivatives

| Item | Description | Sizes |
|--------|---|--------------|
| J66366 | alpha-D-Galactose pentaacetate | 5g, 25g, 50g |
| J66815 | D-Ribose-5-phosphate disodium salt dihydrate, 85% | 250mg, 1g |
| J66017 | D-Ribose-5-phosphate barium salt hexahydrate, 99% | 250mg, 1g |
| J66316 | D-Mannosamine hydrochloride, 98% | 500mg, 1g |
| J66223 | 3-Deoxy-D-glucosone, 95% | 1mg, 5mg |

Other sugars

| Item | Description | Sizes |
|--------|---|---------------|
| J66102 | 4-Formylphenyl beta-D-allopyranoside, 98% | 1g, 5g |
| J66750 | beta-D-Gentiobiose, 98% | 100mg, 500mg |
| J66622 | Gardenoside, 98% | 5g, 10g |
| J66613 | N-Butyldeoxynojirimycin, 99% | 1mg, 5mg |
| J66156 | Chondroitin sulfate A sodium salt, 90% | 5g, 25g, 100g |
| J66914 | 1,6-Anhydro-beta-D-cellobiose, 95% | 500mg, 1g, 5g |
| J66968 | Aescin, 98% | 1g, 5g, 10g |