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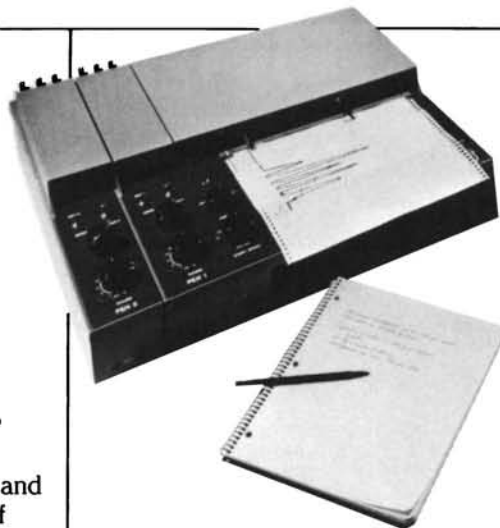
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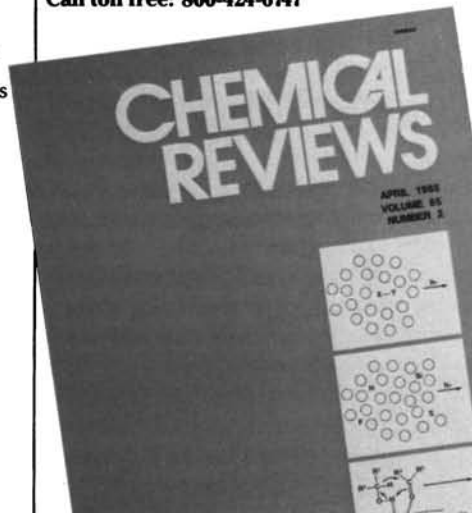
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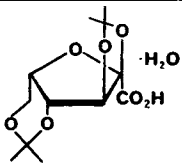




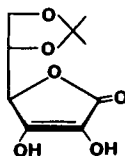
Carbohydrate Starting Materials for Chiral Syntheses

Suitably protected carbohydrates are important in the synthesis of chiral organic compounds: they are highly functionalized, and have the chirality and relative stereochemistry at several contiguous carbon atoms already established. In keeping with our tradition of being the world's leading supplier of basic building blocks for organic synthesis, we offer the compounds below as part of our product line of chiral synthons — "chirons".

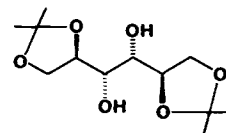
For leading references to the synthetic use of carbohydrate derivatives (including many of these compounds), see Hanessian, S. "Total Synthesis of Natural Products: The Chiron Approach;" Pergamon Press: Oxford, 1983 (Catalog No. Z15,036-3, \$20.00) and Inch, T.D. *Tetrahedron* 1984, 40, 3161.



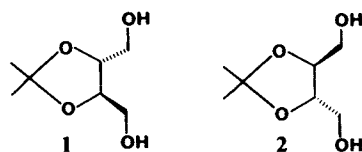
17,969-8 2,3:4,6-Di-O-isopropylidene-2-keto-L-gulonic acid monohydrate, 98%
25g \$7.75; 100g \$25.00



30,136-1 5,6-Isopropylidene-L-ascorbic acid, 98%
5g \$15.00; 25g \$50.00

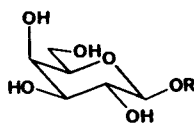


29,640-6 1,2:5,6-Di-O-isopropylidene-D-mannitol, 98%
5g \$9.00
25g \$30.00

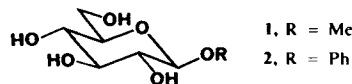


24,141-5 (-)-2,3-O-Isopropylidene-D-threitol, 99% (1) 250mg \$8.00
1g \$22.20

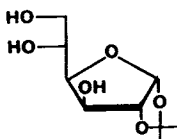
24,142-3 (+)-2,3-O-Isopropylidene-L-threitol, 99% (2) 250mg \$8.30
1g \$23.15



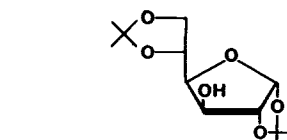
29,639-2 Methyl-β-D-galactopyranoside, 98% (1) 5g \$8.70; 25g \$34.55
29,641-4 Phenyl-β-D-galactopyranoside (2) 1g \$17.80; 5g \$68.75



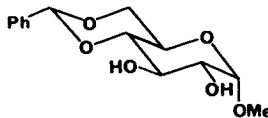
29,268-0 Methyl-β-D-glucopyranoside, 99% (1) 25g \$17.50; 100g \$48.50
29,271-0 Phenyl-β-D-glucopyranoside, 98% (2) 5g \$20.00; 25g \$67.00



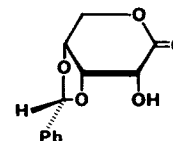
1-2,290-0 1,2-O-Isopropylidene-D-glucofuranose, 98%
5g \$9.90
25g \$32.55



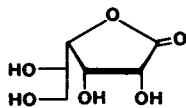
D760-0 Diacetone-D-glucose 25g \$13.60



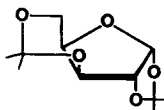
29,284-2 (+)-(4,6-O-Benzylidene)-methyl-α-D-glucopyranoside, 99%
5g \$12.75; 25g \$43.95



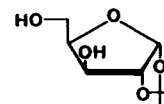
30,310-0 3,4-O-Benzylidene-D-ribonic acid δ-lactone 5g \$16.00
25g \$55.00



29,638-4 L-Mannonic acid γ-lactone, 99%
5g \$17.00; 25g \$57.00



29,634-1 1,2:3,5-Di-O-isopropylidene-D-xylofuranose, 99%
25g \$14.00



29,636-8 1,2-O-Isopropylidene-D-xylofuranose, 99%
10g \$24.50
25g \$49.00; 100g \$157.00



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