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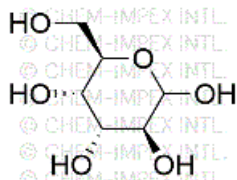
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	48682
Product	D(+)-Altrose D-Altropyranose
CAS Number	1990-29-0
Molecular Formula	C ₆ H ₁₂ O ₆
Molecular Weight	180.2

Appearance	White crystalline powder
Solubility	Clear, colorless solution in water
Melting Point	103 - 105 °C
Optical Rotation	[α] _D ²⁰ = 32 ± 1 ° (C=2 in water)
Purity by HPLC	≥ 99%
Application	It is used as a substrate to identify, differentiate and characterize aldose isomerases such as L-fucose isomerase from <i>Caldicellulosiruptor saccharolyticus</i> and d-Arabinose isomerase (d-AI) from <i>Bacillus pallidus</i> (<i>B. pallidus</i>) and <i>Klebsiella pneumoniae</i> .
Storage	Store at 2 - 8 °C

For Laboratory Use Only