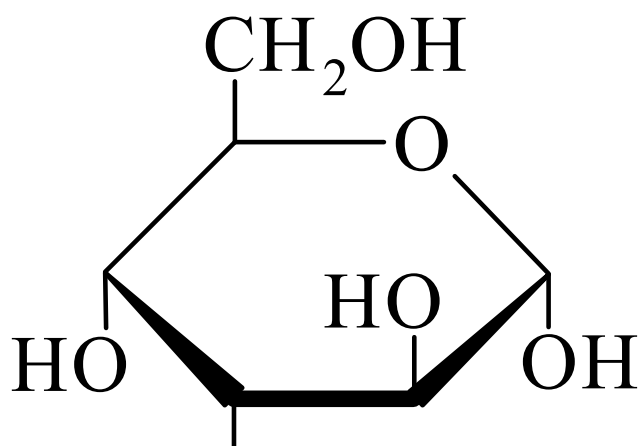




>>Entry Name: Altrose, 9CI, 8CI



α -D-Pyranose-form

CAS Registry Number: 5987-68-8

Molecular Formula: C₆H₁₂O₆

Molecular Weight: 180.157

Accurate Mass: 180.06339

Percentage Composition: C 40.00%; H 6.71%; O 53.28%

aldehyde. Crystallises in β -form

>>Variant: D-form

CAS Registry Number: 1990-29-0

Molecular Formula: C₆H₁₂O₆

Molecular Weight: 180.157

Accurate Mass: 180.06339

Percentage Composition: C 40.00%; H 6.71%; O 53.28%

Melting Point: Mp 103-105°. Mp 141°

Optical Rotation: $[\alpha]_D^{20} -69 \rightarrow +32.8$ (c, 3.5 in H₂O)

Aldrich: 86226-6

Fluka: 6090

Sigma: A6515

>>Derivative: Benzylphenylhydrazone

Melting Point: Mp 146-147°

Optical Rotation: $[\alpha]_D +22$ (c, 0.37 in MeOH)