Optical Rotation: $[\alpha]_D^{20}$ –96 → –51.4 (H_2O)

Aldrich: 28595-1
Fluka: 49135
Sigma: G5500

>>**Derivative:** Benzylphenylhydrazone

Melting Point: Mp 163-164°
Optical Rotation: $[\alpha]_D$ –48 (Py)

>>**Variant:** α-L-Pyranose-form

CAS Registry Number: 492-66-0
Molecular Formula: $C_6H_{12}O_6$
Molecular Weight: 180.157
Accurate Mass: 180.06339
Percentage Composition: C 40.00%; H 6.71%; O 53.28%

>>**Derivative:** Me glycoside
Synonym(s): Methyl α-L-glucopyranoside

CAS Registry Number: 36191-11-4

Molecular Formula: $C_7H_{14}O_6$
Molecular Weight: 194.184
Accurate Mass: 194.07904
Percentage Composition: C 43.30%; H 7.27%; O 49.44%
Melting Point: Mp 165-166°
Optical Rotation: $[\alpha]_D^{20}$ –157 (H_2O)

>>**Variant:** DL-form

CAS Registry Number: 58367-01-4

Molecular Formula: $C_6H_{12}O_6$
Molecular Weight: 180.157
Accurate Mass: 180.06339
Percentage Composition: C 40.00%; H 6.71%; O 53.28%
Biological Source: Isol. from Jute leaves
Melting Point: Mp 113°

References: