>>**Derivative:** 2,3,4,6-Tetra-Me

>>**Derivative:** 2,3,5,6-Tetra-Me

>>**Derivative:** 2,3,4,5,6-Penta-Me

>>**Derivative:** 2-Benzyl

>>**Derivative:** Phenylosazone

>>**Variant:** D-Pyranose-form

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%
Source/Synthesis: Manuf. on a large scale from starch. Below 50°, α-D-glucose hydrate is the stable cryst. form while above 50° the anhyd. form is obt. At higher temp. β-D-glucose is formed

>>**Derivative:** 6-Ac

>>**Derivative:** 4,6-*O*-Benzylidene

>>**Derivative:** 2,3,4,6-Tetrabenzyl

>>**Variant:** α-D-Pyranose-form

CAS Registry Number: 492-62-6
Extra CAS Registry Numbers(s): 26655-34-5 31178-74-2

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%
Physical Description: Cryst. (hot EtOH or H_2O)
Melting Point: Mp 83° (monohyd.). Mp 146° (anhyd.)
Optical Rotation: $[\alpha]_D^{20}$+111.2 → +52.5 (c, 10 in H_2O)
Aldrich: 25307-3
Fluka: 49138
Sigma: G8644