



>>Derivative: Phenyllosazone
see Hexose phenyllosazones, [NSK36-T](#)

>>Variant: α -D-Pyranose-form

CAS Registry Number: 7282-79-3
Molecular Formula: C₆H₁₂O₆
Molecular Weight: 180.157
Accurate Mass: 180.06339
Percentage Composition: C 40.00%; H 6.71%; O 53.28%

>>Derivative: 1,2-*O*-Ethylidene, 3,4,6-tri-Ac
Synonym(s): 3,4,6-Tri-*O*-acetyl-1,2-*O*-ethylidene- α -D-allopyranose

CAS Registry Number: 56687-80-0

Molecular Formula: C₁₄H₂₀O₉
Molecular Weight: 332.307
Accurate Mass: 332.110735
Percentage Composition: C 50.60%; H 6.07%; O 43.33%
Physical Description: Cryst. (2-propanol)
Melting Point: Mp 111-112°
Optical Rotation: [α]_D²⁰ +34.7 (c, 1.1 in CHCl₃)

>>Derivative: 3-Benzyl, 1,2-*O*-ethylidene, 4,6-di-Ac
Synonym(s): 4,6-Di-*O*-acetyl-3-*O*-benzyl-1,2-*O*-ethylidene- α -D-allopyranose

CAS Registry Number: 56632-48-5

Molecular Formula: C₁₉H₂₄O₈
Molecular Weight: 380.394
Accurate Mass: 380.14712
Percentage Composition: C 59.99%; H 6.36%; O 33.65%
Physical Description: Syrup
Optical Rotation: [α]_D²⁵ -11.6 (c, 1.1 in CHCl₃)

>>Derivative: 3-Benzyl, 1,2:4,6-di-*O*-ethylidene
Synonym(s): 3-*O*-Benzyl-1,2:4,6-di-*O*-ethylidene- α -D-allopyranose

CAS Registry Number: 56632-51-0

Molecular Formula: C₁₇H₂₂O₆
Molecular Weight: 322.357
Accurate Mass: 322.14164
Percentage Composition: C 63.34%; H 6.88%; O 29.78%
Physical Description: Cryst. (heptane)
Melting Point: Mp 108-110°
Optical Rotation: [α]_D²⁵ +119.4 (c, 1.0 in CHCl₃)

>>Derivative: Me glycoside
see Methyl alloside, [BXP97-S](#)

>>Variant: β -D-Pyranose-form

CAS Registry Number: 7283-09-2

Molecular Formula: C₆H₁₂O₆
Molecular Weight: 180.157
Accurate Mass: 180.06339
Percentage Composition: C 40.00%; H 6.71%; O 53.28%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 141-142° (Mp 128° dimorph.)
Optical Rotation: [α]_D²⁵ -2.5 → +14.5 (c, 1.0 in H₂O)
Sigma: A6390