



CAS Registry Number: 7282-80-6

Molecular Formula: C₆H₁₂O₆

Molecular Weight: 180.157

Accurate Mass: 180.06339

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

>>Derivative: Penta-Ac

Synonym(s): 1,2,3,4,6-Penta-*O*-acetyl- α -D-altropyranose

CAS Registry Number: 4257-96-9

Molecular Formula: C₁₆H₂₂O₁₁

Molecular Weight: 390.343

Accurate Mass: 390.116215

Percentage Composition: C 49.23%; H 5.68%; O 45.09%

Melting Point: Mp 118-119°

Optical Rotation: [α]_D²⁰ +63 (CHCl₃)

>>Derivative: Me glycoside

see Methyl altroside, [BXQ30-Y](#)

>>Variant: β -D-Pyranose-form

CAS Registry Number: 7283-10-5

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*-Isopropylidene

see 1,2-*O*-Isopropylidenealtrose, [BXQ21-W](#)

>>Derivative: Me glycoside

see Methyl altroside, [BXQ30-Y](#)

>>Variant: β -D-Furanose-form

CAS Registry Number: 40461-79-8

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*-Isopropylidene

see 1,2-*O*-Isopropylidenealtrose, [BXQ21-W](#)

>>Variant: L-form

CAS Registry Number: 1949-88-8

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 107-109.5°

Optical Rotation: [α]_D²⁰ -32.3 (H₂O)

Sigma: A7536