



Molecular Formula: C₂₃H₂₈O₆
Molecular Weight: 400.471
Accurate Mass: 400.18859
Percentage Composition: C 68.98%; H 7.05%; O 23.97%
Optical Rotation: $[\alpha]_D^{25} +30.1$ (c, 2.6 in CHCl₃)

>>Variant: β-D-form

CAS Registry Number: 2595-07-5

Molecular Formula: C₉H₁₆O₆
Molecular Weight: 220.222
Accurate Mass: 220.09469
Percentage Composition: C 49.09%; H 7.32%; O 43.59%
Melting Point: Mp 102-103°
Optical Rotation: $[\alpha]_D^{25} -11$ (c, 3.4 in H₂O)

>>Derivative: 2,6-Di-Ac

Synonym(s): Allyl 2,6-di-*O*-acetyl-β-D-galactopyranoside

Molecular Formula: C₁₃H₂₀O₈
Molecular Weight: 304.296
Accurate Mass: 304.11582
Percentage Composition: C 51.31%; H 6.62%; O 42.06%
Physical Description: Cryst. (Et₂O/petrol)
Melting Point: Mp 75-76.5°
Optical Rotation: $[\alpha]_D^{20} -9.5$ (c, 2.0 in CHCl₃)

>>Derivative: 3,4,6-Tri-Ac

Synonym(s): Allyl 3,4,6-tri-*O*-acetyl-β-D-galactopyranoside

Molecular Formula: C₁₅H₂₂O₉
Molecular Weight: 346.333
Accurate Mass: 346.126385
Percentage Composition: C 52.02%; H 6.40%; O 41.58%
Physical Description: Syrup
Optical Rotation: $[\alpha]_D +59.4$ (c, 0.9 in CHCl₃)