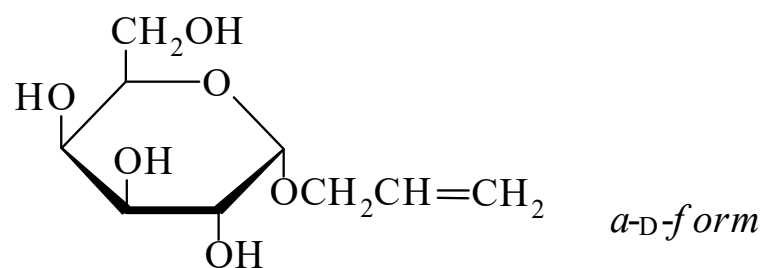




>>Entry Name: Allyl galactopyranoside

Synonym(s): 2-Propenyl galactopyranoside, 9CI



Molecular Formula: C₉H₁₆O₆

Molecular Weight: 220.222

Accurate Mass: 220.09469

Percentage Composition: C 49.09%; H 7.32%; O 43.59%

>>Variant: α -D-form

CAS Registry Number: 48149-72-0

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 143-145°

Optical Rotation: [α]_D²⁵+181.3 (c, 1.6 in H₂O)

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

Synonym(s): Allyl 4,6-*O*-benzylidene- α -D-galactopyranoside

Molecular Formula: C₁₆H₂₀O₆

Molecular Weight: 308.33

Accurate Mass: 308.12599

Percentage Composition: C 62.33%; H 6.54%; O 31.13%

Melting Point: Mp 115-117°

Optical Rotation: [α]_D+121 (c, 1.9 in CHCl₃)

>>Derivative: 4,6-Dibenzyl

Synonym(s): Allyl 4,6-di-*O*-benzyl- α -D-galactopyranoside

Molecular Formula: C₂₃H₂₈O₆

Molecular Weight: 400.471

Accurate Mass: 400.18859

Percentage Composition: C 68.98%; H 7.05%; O 23.97%

Optical Rotation: [α]_D²⁵+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: [α]_D²⁵-11 (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: [α]