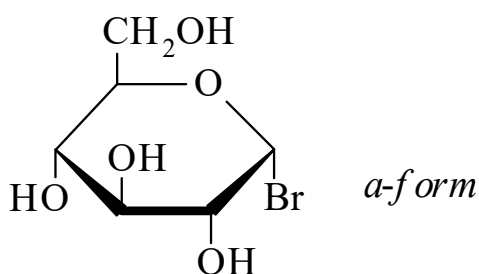




>>Entry Name: Glucopyranosyl bromide



Molecular Formula: C₆H₁₁BrO₅

Molecular Weight: 243.054

Accurate Mass: 241.998986

Percentage Composition: C 29.65%; H 4.56%; Br 32.88%; O 32.91%

>>Variant: α-D-form

Molecular Formula: C₆H₁₁BrO₅

Molecular Weight: 243.054

Accurate Mass: 241.998986

Percentage Composition: C 29.65%; H 4.56%; Br 32.88%; O 32.91%

>>Derivative: 2,3,4,6-Tetra-Ac

>>Derivative: 2,3,4-Tribenzoyl

Synonym(s): 2,3,4-Tri-*O*-benzoyl-α-D-glucopyranosyl bromide

CAS Registry Number: 20226-69-1

Molecular Formula: C₂₇H₂₃BrO₈

Molecular Weight: 555.378

Accurate Mass: 554.077631

Percentage Composition: C 58.39%; H 4.17%; Br 14.39%; O 23.05%

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 163-164°

Optical Rotation: [α]_D²⁵+194 (CHCl₃)

>>Derivative: 2,3,4,6-Tetrabenzoyl

Synonym(s): 2,3,4,6-Tetra-*O*-benzoyl-α-D-glucopyranosyl bromide

CAS Registry Number: 14218-11-2

Molecular Formula: C₃₄H₂₇BrO₉

Molecular Weight: 659.486

Accurate Mass: 658.103846

Percentage Composition: C 61.92%; H 4.13%; Br 12.12%; O 21.83%

Physical Description: Cryst. (Et₂O/pentane)

Melting Point: Mp 129°

Optical Rotation: [α]_D²⁷+123 (CDCl₃)

Aldrich: 29242-7

Sigma: G4892

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

Synonym(s): 2,3,4,6-Tetra-*O*-methyl-α-D-glucopyranosyl bromide

Molecular Formula: C₁₀H₁₉BrO₅

Molecular Weight: 299.161

Accurate Mass: 298.061586

Percentage Composition: C 40.15%; H 6.40%; Br 26.71%; O 26.74%

Boiling Point: Bp_{0.5} 109°

Optical Rotation: [α]_D²⁵+205 (c, 1.0 in CHCl₃)