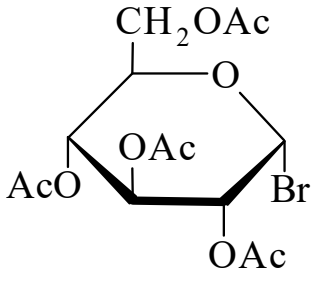
>>**Entry Name: Acetobromoglucose**
Synonym(s): 2,3,4,6-Tetra-*O*-acetylglucosyl bromide



a-D-Pyranose-*form*

Molecular Formula: $C_{14}H_{19}BrO_9$
Molecular Weight: 411.203
Accurate Mass: 410.041246
Percentage Composition: C 40.89%; H 4.66%; Br 19.43%; O 35.02%

>>**Variant:** α-D-Pyranose-form

CAS Registry Number: 572-09-8

Molecular Formula: $C_{14}H_{19}BrO_9$
Molecular Weight: 411.203
Accurate Mass: 410.041246
Percentage Composition: C 40.89%; H 4.66%; Br 19.43%; O 35.02%
Physical Description: Cryst. (Et_2O)
Melting Point: Mp 88-89°
Optical Rotation: $[\alpha]_D^{20}$+194 (c, 3.9 in $CHCl_3$)
Fluka: 530
Sigma: J6039

>>**Variant:** β-D-Pyranose-form

CAS Registry Number: 6919-96-6

Molecular Formula: $C_{14}H_{19}BrO_9$
Molecular Weight: 411.203
Accurate Mass: 410.041246
Percentage Composition: C 40.89%; H 4.66%; Br 19.43%; O 35.02%
Melting Point: Mp 92°
Optical Rotation: $[\alpha]_D^{20}$–16 → +77 ($CHCl_3$)

>>**Variant:** α-L-Pyranose-form

Molecular Formula: $C_{14}H_{19}BrO_9$
Molecular Weight: 411.203
Accurate Mass: 410.041246
Percentage Composition: C 40.89%; H 4.66%; Br 19.43%; O 35.02%
Melting Point: Mp 88°
Optical Rotation: $[\alpha]_D^{17}$ -–192.7 (Et_2O)

>>**Variant:** α-DL-Pyranose-form

Molecular Formula: $C_{14}H_{19}BrO_9$
Molecular Weight: 411.203
Accurate Mass: 410.041246
Percentage Composition: C 40.89%; H 4.66%; Br 19.43%; O 35.02%
Physical Description: Cryst. (Et_2O)
Melting Point: Mp 87°

References: