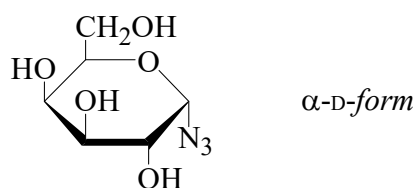




>>Entry Name: Galactopyranosyl azide, 9Cl



α -D-*form*

Molecular Formula: C₆H₁₁N₃O₅

Molecular Weight: 205.17

Accurate Mass: 205.069872

Percentage Composition: C 35.13%; H 5.40%; N 20.48%; O 38.99%

>>Variant: α -D-form

CAS Registry Number: 106192-39-6

Molecular Formula: C₆H₁₁N₃O₅

Molecular Weight: 205.17

Accurate Mass: 205.069872

Percentage Composition: C 35.13%; H 5.40%; N 20.48%; O 38.99%

Physical Description: Cryst. (MeCN)

Melting Point: Mp 145-146°

Optical Rotation: [α]_D²⁵ +215 (c, 0.288 in H₂O)

>>Derivative: Tetra-Ac

Synonym(s): 2,3,4,6-Tetra-*O*-acetyl- α -D-galactopyranosyl azide

CAS Registry Number: 94427-00-6

Molecular Formula: C₁₄H₁₉N₃O₉

Molecular Weight: 373.319

Accurate Mass: 373.112132

Percentage Composition: C 45.04%; H 5.13%; N 11.26%; O 38.57%

Physical Description: Needles (Et₂O/petrol)

Melting Point: Mp 77-78°

Optical Rotation: [α]_D +199 (c, 0.97 in CHCl₃)

>>Variant: β -D-form

CAS Registry Number: 35899-89-9

Molecular Formula: C₆H₁₁N₃O₅

Molecular Weight: 205.17

Accurate Mass: 205.069872

Percentage Composition: C 35.13%; H 5.40%; N 20.48%; O 38.99%

Physical Description: Cryst. (MeCN)

Melting Point: Mp 153.5-154°

Optical Rotation: [α]_D +8.5 (H₂O)

>>Derivative: 2-Ac

Synonym(s): 2-*O*-Acetyl- β -D-galactopyranosyl azide

CAS Registry Number: 171895-17-3

Molecular Formula: C₈H₁₃N₃O₆

Molecular Weight: 247.207

Accurate Mass: 247.080437

Percentage Composition: C 38.87%; H 5.30%; N 17.00%; O 38.83%

Physical Description: Cryst. (MeCN)

Melting Point: Mp 154-155.5°