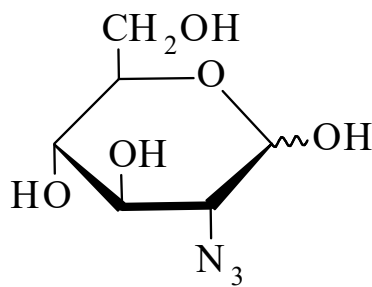




>>Entry Name: 2-Azido-2-deoxyglucose, 9Cl



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: D-form

CAS Registry Number: 56883-39-7

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%

Optical Rotation: [α]_D²⁰ +48

>>Variant: α -D-Pyranose-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%

>>Derivative: Tetra-Ac

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%

Melting Point: Mp 120°

Optical Rotation: [α]_D²⁰ +125

References:

Paulsen, H. *et al.*, *Tet. Lett.*, 1975, 1493, (*synth*)