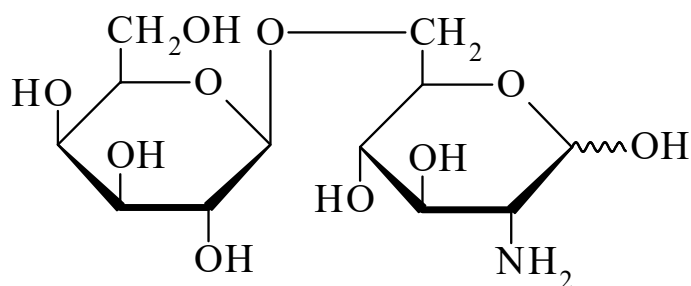




>>Entry Name: β -D-Galactopyranosyl-(1 $\rightarrow$ 6)-2-amino-2-deoxy-D-glucose

Synonym(s): 2-Amino-2-deoxy-6-O-(β -D-galactopyranosyl)-D-glucose. 6- β -Galactosylglucosamine



Pyranose-form

Related CAS Registry Numbers(s): 3757-90-2

Molecular Formula: $C_{12}H_{23}NO_{10}$

Molecular Weight: 341.314

Accurate Mass: 341.132199

Percentage Composition: C 42.23%; H 6.79%; N 4.10%; O 46.88%

>>Derivative: N-Ac

Synonym(s): 6- β -Galactosyl-N-acetylglucosamine

CAS Registry Number: 50787-10-5

Molecular Formula: $C_{14}H_{25}NO_{11}$

Molecular Weight: 383.352

Accurate Mass: 383.142764

Percentage Composition: C 43.86%; H 6.57%; N 3.65%; O 45.91%

Optical Rotation: $[\alpha]_D +28$ (H_2O)

Sigma: A7916

References:

Zilliken, F. *et al.*, *J. Biol. Chem.*, 1954, **208**, 299; 1955, **217**, 79

Kuhn, R. *et al.*, *Chem. Ber.*, 1955, **88**, 1713, (*synth*)

Alessandrini, A. *et al.*, *J. Biol. Chem.*, 1956, **220**, 71