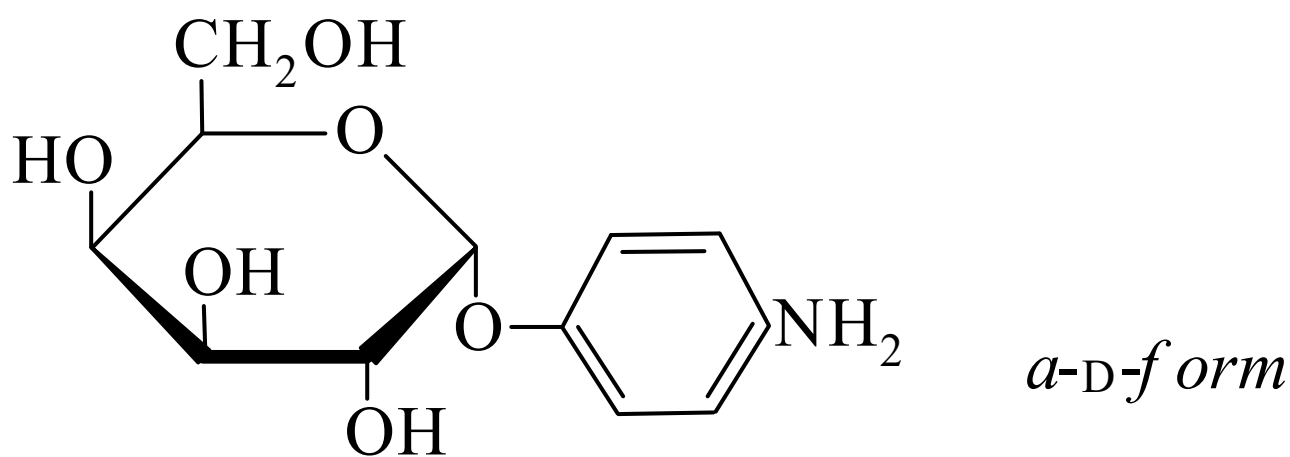




>>Entry Name: 4-Aminophenyl galactopyranoside



Molecular Formula: C₁₂H₁₇NO₆

Molecular Weight: 271.269

Accurate Mass: 271.105589

Percentage Composition: C 53.13%; H 6.32%; N 5.16%; O 35.39%

>>Variant: α-D-form

Molecular Formula: C₁₂H₁₇NO₆

Molecular Weight: 271.269

Accurate Mass: 271.105589

Percentage Composition: C 53.13%; H 6.32%; N 5.16%; O 35.39%

Physical Description: Needles

Melting Point: Mp 178°

Optical Rotation: [α]_D²⁰+224 (MeOH)

>>Variant: β-D-form

CAS Registry Number: 5094-33-7

Molecular Formula: C₁₂H₁₇NO₆

Molecular Weight: 271.269

Accurate Mass: 271.105589

Percentage Composition: C 53.13%; H 6.32%; N 5.16%; O 35.39%

Physical Description: Cryst.

Melting Point: Mp 158-159°

Optical Rotation: [α]_D²⁵−40.5 (MeOH)

Sigma: A8392

References:

Goebel, W.F. *et al.*, *J. Exp. Med.*, 1929, **50**, 521; *CA*, **24**, 887, (*synth*)

Westphal, O. *et al.*, *Chem. Ber.*, 1956, **89**, 582, (*synth*)

Rude, E. *et al.*, *Immunochemistry*, 1966, **3**, 137

Junowicz, E. *et al.*, *Biochim. Biophys. Acta*, 1973, **321**, 234

Delmotte, F.M. *et al.*, *Eur. J. Biochem.*, 1980, **112**, 219

Plessas, N.R. *et al.*, *Carbohydr. Res.*, 1981, **89**, 211