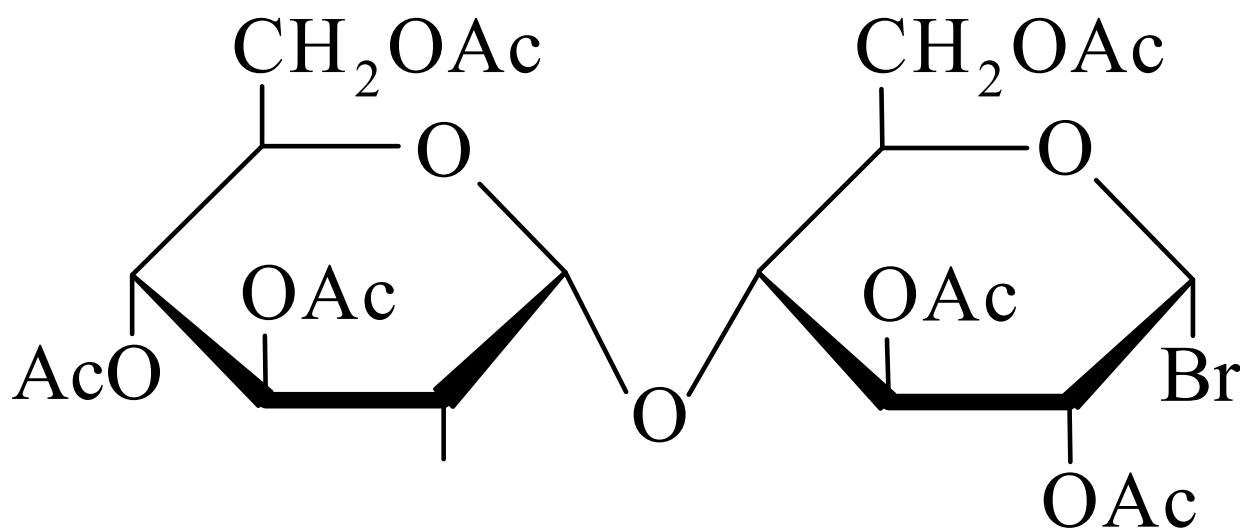




>>Entry Name: Acetobromomaltose

Synonym(s): 4-*O*-(2,3,4,6-Tetra-*O*-acetyl- α -D-glucopyranosyl)-tri-*O*-acetyl- α -D-glucopyranosyl bromide, 9Cl.
Hepta-*O*-acetyl-4-*O*- α -D-glucopyranosyl- α -D-glucopyranosyl bromide, 8Cl



CAS Registry Number: 14257-35-3

Molecular Formula: $C_{26}H_{35}BrO_{17}$

Molecular Weight: 699.456

Accurate Mass: 698.125766

Percentage Composition: C 44.65%; H 5.04%; Br 11.42%; O 38.89%

Melting Point: Mp 112-113°

Optical Rotation: $[\alpha]_D^{20} +180.1$ (CHCl₃)

Sigma: A2632

References:

Brauns, D.H., *J.A.C.S.*, 1929, **51**, 1820, (*synth*)

Haynes, L.J. *et al.*, *Adv. Carbohydr. Chem.*, 1955, **10**, 207, (*rev*)

Szabo, F. *et al.*, *Acta Chim. Acad. Sci. Hung.*, 1970, **64**, 67; *CA*, **73**, 4149k, (*synth*)

Mori, M., *Chem. Pharm. Bull.*, 1974, **22**, 1331, (*synth*)