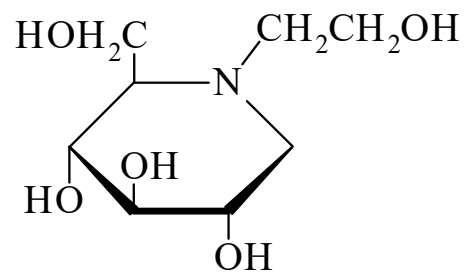




>>Entry Name: **Miglitol**, BAN, INN, USAN

Synonym(s): 1,5-Dideoxy-1,5-[(2-hydroxyethyl)imino]-D-glucitol, 9Cl. 1-(2-Hydroxyethyl)-2-(hydroxymethyl)-3,4,5-piperidinetriol. *N*-Hydroxyethyl-1-desoxynojirimycin. Diastabol. Glyset. Bay m 1099



CAS Registry Number: 72432-03-2

Molecular Formula: C₈H₁₇NO₅

Molecular Weight: 207.226

Accurate Mass: 207.110674

Percentage Composition: C 46.37%; H 8.27%; N 6.76%; O 38.60%

Use/Importance: α - and β -Glucosidase inhibitor; used in the management of diabetes mellitus

Physical Description: Cryst. (EtOH)

Development Status: Launched in Germany (1997)

Melting Point: Mp 143-145.5°

Calculated Log P Data: Log P -2.57 (calc)

References:

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