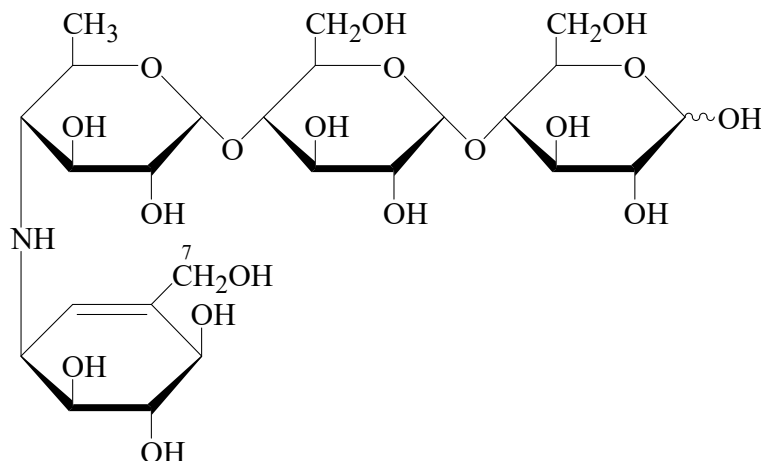




>>Acarbose, BAN, INN, USAN



4,6-Dideoxy-4-[[4,5,6-trihydroxy-3-(hydroxymethyl)-2-cyclohexen-1-yl]amino]-α-D-glucopyranosyl-(1→4)-α-D-glucopyranosyl-(1→4)-D-glucose, 9Cl. Amylostatin J. Glucobay. Bay g 5421. α-GHI. Precose. Prandase CBX17-V

[56180-94-0]

Classification:AF9300 AF9500 VE9300 VE9500 XA1645

C₂₅H₄₃NO₁₈ M 645.611. 645.248019. C 46.51%; H 6.71%; N 2.17%; O 44.61%

A component of the Amylostatin complex. See also Amylostatin [CKT20-I](#). Isol. from *Actinoplanes* sp.. A potent inhibitor of α-glucosidases and saccharases. Used for treatment of diabetes, hyperlipidaemia and obesity.

Amorph.. Launched in 1990. BERDY SOL: Sol. H₂O; fairly sol. MeOH; poorly sol. EtOH, hexane. [α]_D²⁰+147.2 (H₂O). [α]_D²⁰+171.3.

♦LZ7153000

[82642-63-5]

>>7-O-Phosphate: CGO98-K Classification:VE9300 VE9500. C₂₅H₄₃NO₂₁P M 724.583. 724.206526. C 41.44%; H 5.98%; N 1.93%; O 46.37%; P 4.27%. From *Actinoplanes* sp.

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