

Catalog	Unit
TBI2332-20MG	20mg
TBI2332-100MG	100mg

Product Details

Formal Name: (2R,3R,4R,5S)-1-(2-Hydroxyethyl)-2-(hydroxymethyl)piperidine-3,4,5-triol

Alternate Names: N-(2-Hydroxyethyl)-1-deoxynojirimycin; BAY-1099

Molecular Formula: C₈H₁₇NO₅

Formula Weight: 207.23

CAS Number: 72432-03-2

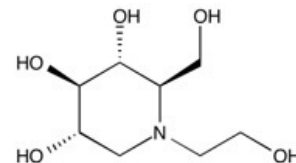
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 50 mg/ml with warming), or in Water (up to 60 mg/ml).

Storage: RT

Stability: \geq 2 years.



Applications

α -glucosidase inhibitor / antidiabetic

Functions

An α -glucosidase inhibitor which induces an enhanced and prolonged release of glucagon-like peptide-1, regulating appetite and stabilizing body weight in humans. Displays anti-atherothrombotic effect by reducing platelet activation and raising circulating adiponectin levels in patients with type 2 diabetes. Clinically useful antidiabetic agent.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml with warming), or in Water (up to 60 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20° for up to 1 month.

For research use only.