

Product Name	: Fagomine
Synonyms	: —
Cat No.	: M37948
CAS Number	: 53185-12-9
Molecular Formula	: C ₆ H ₁₃ NO ₃
Formula Weight	: 147.17
Chemical Name	: —
Description	: Fagomine is a mild glycosidase inhibitor. The K _i of the iminosugar Fagomine is 4.8 μM, 39 μM, and 70 μM for Amyloglucosidase (A.niger), β-Glucosidase (bovine), and Isomaltase (yeast), respectively.
Pathway	: Immunology/Inflammation
Target	: ROS
Receptor	: ROS glycosidase
Solubility	: In Vitro: ?H ₂ O : ≥ 36 mg/mL (244.62 mM)
SMILES	: OC[C@H]1NCC[C@@H](O)[C@@H]1O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Mena-Barragán T, et al. Inhibitor versus chaperone behaviour of d-fagomine, DAB and LAB sp2-iminosugar conjugates against glycosidases: A structure-activity relationship study in Gaucher fibroblasts. Eur J Med Chem. 2015 Aug 31. pii: S0223-5234(15)30222-1.?