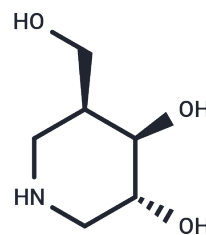


L-Afegostat

Chemical Properties

CAS No. :	202979-51-9
Formula:	C ₆ H ₁₃ NO ₃
Molecular Weight:	147.17
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	L-Afegostat (5-epi-Isosagomine), a glycosidase inhibitor and an iminosugar, is utilized in carbohydrate synthesis. It demonstrates β -Glucosidase inhibition with a K_i of 30 μ M.
Targets(IC50)	Others, Glucosidase, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7949 mL	33.9743 mL	67.9486 mL
5 mM	1.359 mL	6.7949 mL	13.5897 mL
10 mM	0.6795 mL	3.3974 mL	6.7949 mL
50 mM	0.1359 mL	0.6795 mL	1.359 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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