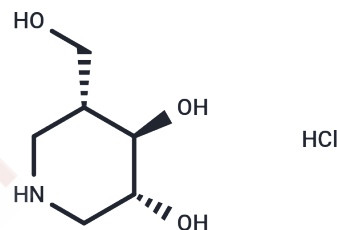


Afeostat HCl

Chemical Properties

CAS No. : 161302-93-8
 Formula: C₆H₁₄ClNO₃
 Molecular Weight: 183.63
 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	Afeostat is an acid β -glucosidase (GCase) active site inhibitor that acts as a pharmacological chaperone. Afeostat inhibits GCase with $K(i) \sim 30$ nM for wild-type and mutant enzymes. Afeostat was an experimental drug for the treatment of certain forms of Gaucher's disease.
Targets(IC50)	Others, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4457 mL	27.2287 mL	54.4573 mL
5 mM	1.0891 mL	5.4457 mL	10.8915 mL
10 mM	0.5446 mL	2.7229 mL	5.4457 mL
50 mM	0.1089 mL	0.5446 mL	1.0891 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.

Reference

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