

Molassamide B

Chemical Properties

CAS No. :

Formula: C48H65BrN8O13

Molecular Weight: 1041.98

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	Molassamide B, a serine protease inhibitor, exhibits potent inhibitory activity, as evidenced by its IC50 values of 24.65 nM against chymotrypsin, 11.69 nM against elastase, and 5.42 nM against proteinase K [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9597 mL	4.7986 mL	9.5971 mL
5 mM	0.1919 mL	0.9597 mL	1.9194 mL
10 mM	0.096 mL	0.4799 mL	0.9597 mL
50 mM	0.0192 mL	0.096 mL	0.1919 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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