

GsAF-I

Chemical Properties

CAS No. :

Formula: C160H244N46O42S7

Molecular Weight: 3708.39

Keep away from moisture

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	GsAF-I is a potent blocker of Na _v and hERG1 channels, exhibiting half-maximal inhibitory concentrations (IC50s) of 0.36 μM (Na _v 1.1), 0.6 μM (Na _v 1.2), 1.28 μM (Na _v 1.3), 0.33 μM (Na _v 1.4), 1.2 μM (Na _v 1.6), 0.04 μM (Na _v 1.7), and 4.8 μM (hERG1) [1].
Targets(IC50)	Potassium Channel,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2697 mL	1.3483 mL	2.6966 mL
5 mM	0.0539 mL	0.2697 mL	0.5393 mL
10 mM	0.027 mL	0.1348 mL	0.2697 mL
50 mM	0.0054 mL	0.027 mL	0.0539 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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