

ω -Conotoxin FVIA

Chemical Properties

CAS No. :

Formula: C98H164N36O33S6

Molecular Weight: 2566.96

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	ω -Conotoxin FVIA is an inhibitor of N-type Ca^{2+} channels (Ca _v 2.2), shown to alleviate mechanical and thermal pain abnormalities in a rat model of caudal nerve injury. This compound has potential utility in the research of potent analgesics with minimal side effects [1].
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3896 mL	1.9478 mL	3.8957 mL
5 mM	0.0779 mL	0.3896 mL	0.7791 mL
10 mM	0.039 mL	0.1948 mL	0.3896 mL
50 mM	0.0078 mL	0.039 mL	0.0779 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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