

ω -conotoxin MoVIA

Chemical Properties

CAS No. :

Formula: C147H233N45O47S7

Molecular Weight: 3607.15

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 MVIIA is a potent, selective inhibitor of Ca _v 2.2, exhibiting an IC ₅₀ of 0.33 μ M in the SH-SY5Y fluorimetric hCa _v 2.2 assay [1].
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2772 mL	1.3861 mL	2.7723 mL
5 mM	0.0554 mL	0.2772 mL	0.5545 mL
10 mM	0.0277 mL	0.1386 mL	0.2772 mL
50 mM	0.0055 mL	0.0277 mL	0.0554 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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