

ω -Conotoxin CVIF

Chemical Properties

CAS No. :

Formula: C101H170N40O33S6

Molecular Weight: 2665.07

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 CVIF is a selective inhibitor of Ca v 2.2 channels, with an IC50 value of 34.3 nM in isolated rat DRG neurons, and exhibits weakly reversible blockade of Cav2.2 channels [1]. |
| Targets(IC50) | Calcium Channel |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.3752 mL | 1.8761 mL | 3.7522 mL |
| 5 mM | 0.075 mL | 0.3752 mL | 0.7504 mL |
| 10 mM | 0.0375 mL | 0.1876 mL | 0.3752 mL |
| 50 mM | 0.0075 mL | 0.0375 mL | 0.075 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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