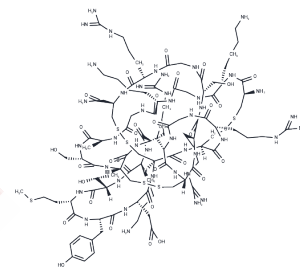


ω -Conotoxin CVIB

Chemical Properties

CAS No. :	325164-09-8
Formula:	C102H173N41O32S7
Molecular Weight:	2710.18
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	ω -Conotoxin CVIB is an antagonist of non-selective N- and P/Q-type voltage-gated calcium channels (VGCCs). It inhibits depolarization-activated whole-cell VGCC currents in dorsal root ganglion (DRG) neurons, exhibiting a pIC50 of 7.64 [1].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.369 mL	1.8449 mL	3.6898 mL
5 mM	0.0738 mL	0.369 mL	0.738 mL
10 mM	0.0369 mL	0.1845 mL	0.369 mL
50 mM	0.0074 mL	0.0369 mL	0.0738 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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