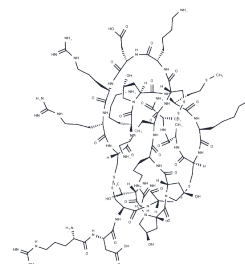


μ -Conotoxin GIIIB

Chemical Properties

CAS No. :	140678-12-2
Formula:	C101H175N39O30S7
Molecular Weight:	2640.17
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	μ -Conotoxin GIIIB, a 22-residue polypeptide derived from the venom of the piscivorous cone snail <i>Conus geographus</i> , serves as an inhibitor of the Na V 1.4 channel, effectively blocking muscle cell contraction [1] [2] [3].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3788 mL	1.8938 mL	3.7876 mL
5 mM	0.0758 mL	0.3788 mL	0.7575 mL
10 mM	0.0379 mL	0.1894 mL	0.3788 mL
50 mM	0.0076 mL	0.0379 mL	0.0758 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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