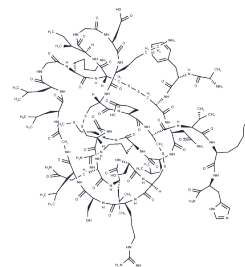


Scyllatoxin

Chemical Properties

CAS No. :	142948-19-4
Formula:	C142H237N45O39S7
Molecular Weight:	3423.15
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	Scyllatoxin (Leiuorotoxin I), a peptide toxin derived from the venom of the scorpion (Leirus quinquestriatus hebraeus), acts as a blocker of small-conductance K Ca (SK) channels. It notably enhances the release of norepinephrine (NE) and epinephrine (Epi) in vivo [1].
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2921 mL	1.4606 mL	2.9213 mL
5 mM	0.0584 mL	0.2921 mL	0.5843 mL
10 mM	0.0292 mL	0.1461 mL	0.2921 mL
50 mM	0.0058 mL	0.0292 mL	0.0584 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.

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