

Vm24-toxin

Chemical Properties

CAS No. :	1373890-79-9
Formula:	C157H253N51O45S9
Molecular Weight:	3863.59
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	Vm24-toxin, a peptide toxin isolated from the Mexican scorpion <i>Vaejovis mexicanus smithi</i> , serves as an inhibitor of the Kv1.3 potassium channel [1].
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2588 mL	1.2941 mL	2.5883 mL
5 mM	0.0518 mL	0.2588 mL	0.5177 mL
10 mM	0.0259 mL	0.1294 mL	0.2588 mL
50 mM	0.0052 mL	0.0259 mL	0.0518 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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