

Heteropodatoxin-1

Chemical Properties

CAS No. :

Formula: C168H238N46O51S6

Molecular Weight: 3910.35

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	Heteropodatoxin-1 (HpTx1), a spider peptide toxin, inhibits Kv4.2 and Nav1.7 currents while activating Nav1.9 channels, with no effect on Nav1.8 channels [1].
Targets(IC50)	Potassium Channel,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2557 mL	1.2787 mL	2.5573 mL
5 mM	0.0511 mL	0.2557 mL	0.5115 mL
10 mM	0.0256 mL	0.1279 mL	0.2557 mL
50 mM	0.0051 mL	0.0256 mL	0.0511 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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