

Slotoxin

Chemical Properties

CAS No. :

Formula: C177H275N47O50S7

Molecular Weight: 4085.82

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	Slotoxin, a peptide extracted from the venom of the Centruroides noxius Hoffmann scorpion, inhibits high-conductance calcium-activated potassium channels with a dissociation constant (Kd) of 1.5 nM [1].
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2447 mL	1.2237 mL	2.4475 mL
5 mM	0.0489 mL	0.2447 mL	0.4895 mL
10 mM	0.0245 mL	0.1224 mL	0.2447 mL
50 mM	0.0049 mL	0.0245 mL	0.0489 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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