

δ -Theraphotoxin-Hm1b

Chemical Properties

CAS No. :

Formula: C169H241N45O50S6

Molecular Weight: 3895.38

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	δ -Theraphotoxin-Hm1b, a 42-amino acid peptide derived from the Togo starburst tarantula (<i>Heteroscodra maculata</i>) venom, selectively inhibits the inactivation of NaV1.1 channels without affecting NaV1.7 channels [1].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2567 mL	1.2836 mL	2.5671 mL
5 mM	0.0513 mL	0.2567 mL	0.5134 mL
10 mM	0.0257 mL	0.1284 mL	0.2567 mL
50 mM	0.0051 mL	0.0257 mL	0.0513 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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