

μ -TRTX-Hd1a

Chemical Properties

CAS No. :

Formula: C160H246N46O51S6

Molecular Weight: 3822.33

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	μ -TRTX-Hd1a, a spider venom-derived compound, selectively inhibits the human Nav 1.7 channel by functioning as a gating modifier, interacting with the S3b-S4 paddle motif within domain II of the channel [1].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2616 mL	1.3081 mL	2.6162 mL
5 mM	0.0523 mL	0.2616 mL	0.5232 mL
10 mM	0.0262 mL	0.1308 mL	0.2616 mL
50 mM	0.0052 mL	0.0262 mL	0.0523 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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