

δ -Buthitoxin-Hj1a

Chemical Properties

CAS No. :

Formula: C326H482N92O96S8

Molecular Weight: 7482.39

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 -Buthitoxin-Hj1a, a scorpion-venom peptide, functions as a potent agonist for the NaV1.1 channel with an EC50 value of 17 nM, and is applicable in research on Dravet syndrome (DS) [1].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1336 mL	0.6682 mL	1.3365 mL
5 mM	0.0267 mL	0.1336 mL	0.2673 mL
10 mM	0.0134 mL	0.0668 mL	0.1336 mL
50 mM	0.0027 mL	0.0134 mL	0.0267 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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