

δ -Buthitoxin-Hj2a

Chemical Properties

CAS No. :

Formula: C304H458N90O93S8

Molecular Weight: 7117.96

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-Hj2a, a potent scorpion-venom peptide, acts as a NaV1.1 agonist with an EC50 value of 32 nM and is employed in Dravet syndrome (DS) research [1].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1405 mL	0.7024 mL	1.4049 mL
5 mM	0.0281 mL	0.1405 mL	0.281 mL
10 mM	0.014 mL	0.0702 mL	0.1405 mL
50 mM	0.0028 mL	0.014 mL	0.0281 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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