

BDS-II

Chemical Properties

CAS No. :

Formula: C214H301N57O57S6

Molecular Weight: 4776.42

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	BDS-II, a peptide toxin comprising 43 amino acids, selectively inhibits the Kv3.4 channel [1].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2094 mL	1.0468 mL	2.0936 mL
5 mM	0.0419 mL	0.2094 mL	0.4187 mL
10 mM	0.0209 mL	0.1047 mL	0.2094 mL
50 mM	0.0042 mL	0.0209 mL	0.0419 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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