

Caloxin 3A1

Chemical Properties

CAS No. :

Formula: C83H126N22O30

Molecular Weight: 1912.02

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	Caloxin 3A1, a biologically active peptide, is a member of the caloxins, which are inhibitors of the extracellular plasma membrane (PM) Ca ²⁺ pumps. Specifically, it inhibits plasma membrane calcium pumps (PMCAs) without affecting the sarcoplasmic reticulum Ca ²⁺ pump, nor does it inhibit the formation of the acylphosphate intermediate from ATP.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.523 mL	2.615 mL	5.2301 mL
5 mM	0.1046 mL	0.523 mL	1.046 mL
10 mM	0.0523 mL	0.2615 mL	0.523 mL
50 mM	0.0105 mL	0.0523 mL	0.1046 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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