

FS-2

Chemical Properties

CAS No. :

Formula: C297H462N92O86S10

Molecular Weight: 7018.06

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	FS-2 is a potent, specific inhibitor of L-type CaV channels, effectively impeding high K+ or glucose-induced L-type Ca2+ influx in RIN beta cells [1].
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1425 mL	0.7124 mL	1.4249 mL
5 mM	0.0285 mL	0.1425 mL	0.285 mL
10 mM	0.0142 mL	0.0712 mL	0.1425 mL
50 mM	0.0028 mL	0.0142 mL	0.0285 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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