

IP3RCYT

Chemical Properties

CAS No. :

Formula: C87H133N25O32S

Molecular Weight: 2073.2

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	IP3RCYT is an inhibitory peptide of IP3R that can prevent cytochrome C from binding with IP3R, with an IC50 of approximately 100 nM. It regulates intracellular calcium signaling. Additionally, IP3RCYT inhibits apoptosis in HeLa and Jurkat cells treated with staurosporine or membrane-bound Fas ligand (FasL).
Targets(IC50)	Apoptosis, Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4823 mL	2.4117 mL	4.8235 mL
5 mM	0.0965 mL	0.4823 mL	0.9647 mL
10 mM	0.0482 mL	0.2412 mL	0.4823 mL
50 mM	0.0096 mL	0.0482 mL	0.0965 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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