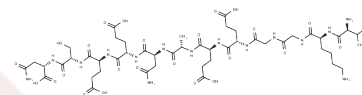


## IP3RPEP6

## Chemical Properties

CAS No. :	3061802-23-8
Formula:	C49H79N15O24
Molecular Weight:	1262.24
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	IP3RPEP6 serves as a competitive inhibitor of IP3R. Its IC50 values for IP3R1, IP3R2, and IP3R3 are 9.0 $\mu$ M, 3.9 $\mu$ M, and 4.3 $\mu$ M, respectively. This compound does not affect ryanodine receptors and Cx43 hemichannels, and it is capable of modulating intracellular calcium signaling.
Targets(IC50)	Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7922 mL	3.9612 mL	7.9224 mL
5 mM	0.1584 mL	0.7922 mL	1.5845 mL
10 mM	0.0792 mL	0.3961 mL	0.7922 mL
50 mM	0.0158 mL	0.0792 mL	0.1584 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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