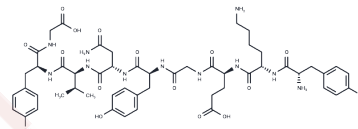


GluR23Y

Chemical Properties

CAS No. :	696659-27-5
Formula:	C51H69N11O16
Molecular Weight:	1092.16
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	GluR23Y, a biologically active peptide, was utilized in an ELISA-based cell-surface assay to assess insulin-stimulated endocytosis of native AMPA receptors in cultured hippocampal neurons. GluR23Y effectively inhibited the insulin-induced decrease in receptor presence. The inhibition of insulin effects was achieved by introducing GluR23Y into neurons through fusion with the membrane transduction domain of HIV-1 TAT.
Targets(IC50)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9156 mL	4.5781 mL	9.1562 mL
5 mM	0.1831 mL	0.9156 mL	1.8312 mL
10 mM	0.0916 mL	0.4578 mL	0.9156 mL
50 mM	0.0183 mL	0.0916 mL	0.1831 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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