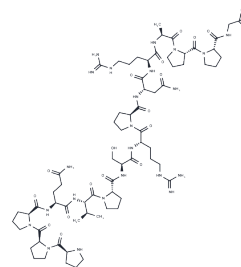


D15

Chemical Properties

CAS No. :	251939-41-0
Formula:	C69H111N23O19
Molecular Weight:	1566.76
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	D15 is a peptide containing a 15-amino acid sequence of dynamin, acting as an AMPAR endocytosis inhibitor. It effectively obstructs the interaction between dynamin and amphiphysin 1 and 2. D15 significantly enhances the amplitude of AMPAR excitatory postsynaptic currents (EPSC) in the medium spiny neurons (MSNs) of Sapap3KO mice. It is utilized in research on neuropsychiatric disorders.
Targets(IC50)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6383 mL	3.1913 mL	6.3826 mL
5 mM	0.1277 mL	0.6383 mL	1.2765 mL
10 mM	0.0638 mL	0.3191 mL	0.6383 mL
50 mM	0.0128 mL	0.0638 mL	0.1277 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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