

TAT-CBD3

Chemical Properties

CAS No. : 1355359-36-2

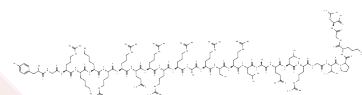
Formula: C134H243N59O32

Molecular Weight: 3192.74

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	TAT-CBD3, a 15-amino acid peptide derived from CRMP2, is fused with the TAT cell-penetrating sequence from the HIV-1 protein. It disrupts the CRMP2-NMDAR interaction without altering NMDAR localization.
Targets(IC50)	HIV Protease,iGluR
In vitro	TAT-CBD3 (10 μ M) inhibits NMDAR and mitigates glutamate-induced Ca ²⁺ dysregulation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3132 mL	1.5661 mL	3.1321 mL
5 mM	0.0626 mL	0.3132 mL	0.6264 mL
10 mM	0.0313 mL	0.1566 mL	0.3132 mL
50 mM	0.0063 mL	0.0313 mL	0.0626 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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