

RI-OR2-TAT

## Chemical Properties

CAS No. : 1430219-69-4

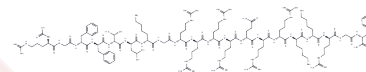
Formula: C117H201N49O23

Molecular Weight: 2662.16

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	RI-OR2-TAT is a brain-penetrable inhibitor targeting $\beta$ -amyloid ( $\beta$ -Amyloid) oligomerization. It is engineered by integrating the HIV protein transduction domain TAT into RI-OR2. RI-OR2-TAT binds to A $\beta$ 42 fibrils with a Kd value of 58-125 nM. It reduces A $\beta$ aggregation and plaque levels, diminishes microglial activation and oxidative damage, and enhances the number of young neurons in the dentate gyrus.
Targets(IC50)	Beta Amyloid,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3756 mL	1.8782 mL	3.7563 mL
5 mM	0.0751 mL	0.3756 mL	0.7513 mL
10 mM	0.0376 mL	0.1878 mL	0.3756 mL
50 mM	0.0075 mL	0.0376 mL	0.0751 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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