

Tat-beclin 1 TFA

Chemical Properties

CAS No. :

Formula: C166H252F3N57O47

Molecular Weight: 3855.12

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-beclin 1 TFA, a peptide derived from a segment of the autophagy protein beclin 1, effectively induces autophagy and interacts with the autophagy negative regulator GPR-1 (GLIPR2). It reduces the accumulation of polyglutamine expansion protein aggregates and limits the in vitro replication of various pathogens, including HIV-1. Additionally, Tat-beclin 1 TFA has been shown to decrease mortality rates in mice infected with chikungunya (CHIKV) or West Nile virus (WNV) [1].
Targets(IC50)	HIV Protease, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2594 mL	1.297 mL	2.594 mL
5 mM	0.0519 mL	0.2594 mL	0.5188 mL
10 mM	0.0259 mL	0.1297 mL	0.2594 mL
50 mM	0.0052 mL	0.0259 mL	0.0519 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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