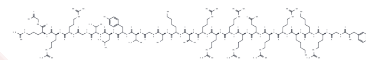


Tat- $\beta$ syn-degron

## Chemical Properties

CAS No. :	2816095-52-8
Formula:	C132H237N59O31
Molecular Weight:	3146.67
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	Tat- $\beta$ syn-degron is an $\alpha$ -synuclein ( $\alpha$ -synuclein) knockdown peptide that efficiently degrades the $\alpha$ -synuclein protein via the proteasome pathway. It effectively reduces $\alpha$ -synuclein protein levels in primary rat cortical neuron cultures. In Parkinson's mouse toxicity models, Tat- $\beta$ syn-degron alleviates neuronal damage and motor dysfunction induced by Parkinsonian toxins.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3178 mL	1.589 mL	3.178 mL
5 mM	0.0636 mL	0.3178 mL	0.6356 mL
10 mM	0.0318 mL	0.1589 mL	0.3178 mL
50 mM	0.0064 mL	0.0318 mL	0.0636 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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