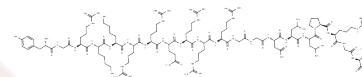


TAT-P110

Chemical Properties

CAS No. : 2247617-97-4
 Formula: C100H178N44O26
 Molecular Weight: 2412.76
 Storage: Keep away from moisture
 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-P110 is a peptide inhibitor that disrupts the interaction between Drp1 and Fis1, effectively reducing pathological changes in various models of neurodegenerative diseases, ischemia, and sepsis without impairing the physiological function of Drp1.
Targets(IC50)	Dynamin
In vitro	TAT-P110 effectively prevented the reduction in the number of cells with fused mitochondria caused by LPS. The percentages of cells with fused mitochondria are as follows: 37% (LPS+P110), 36% (LPS+SC9), and 38% (without LPS).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4145 mL	2.0723 mL	4.1446 mL
5 mM	0.0829 mL	0.4145 mL	0.8289 mL
10 mM	0.0414 mL	0.2072 mL	0.4145 mL
50 mM	0.0083 mL	0.0414 mL	0.0829 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481