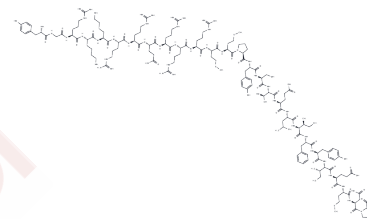


TAT-N15

Chemical Properties

CAS No. :	2415370-74-8
Formula:	C155H250N48O40S3
Molecular Weight:	3522.14
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-N15, a p53/PI3K inhibitor, demonstrates significant anti-inflammatory and neuroprotective effects. It effectively suppresses the activation of IL-6, IL-8, Akt, and NF-κB pathways, along with the phosphorylation of STAT3 and the protein expression of NF-κB. TAT-N15 is applicable for research on acute conjunctivitis, allergic rhinitis, chronic obstructive pulmonary disease (COPD), and stroke through its inhibition of Akt, STAT3, and NF-κB pathways.
Targets(IC50)	NF-κB,Akt,STAT,Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2839 mL	1.4196 mL	2.8392 mL
5 mM	0.0568 mL	0.2839 mL	0.5678 mL
10 mM	0.0284 mL	0.142 mL	0.2839 mL
50 mM	0.0057 mL	0.0284 mL	0.0568 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

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