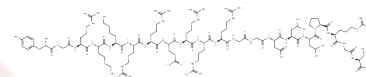


Drp1 peptide inhibitor P110

Chemical Properties

CAS No. :	2770267-63-3
Formula:	C100H179N45O25
Molecular Weight:	2411.78
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	Compound P110 (Drp1 peptide inhibitor P110) is a selective Drp1 peptide inhibitor with neuroprotective effects. It inhibits the activation of Drp1, prevents Drp1 mitochondrial translocation induced by MPTP, and alleviates dopamine neuron loss, dopaminergic terminal damage, and behavioral deficits caused by MPTP. This compound is useful for Alzheimer's disease research. Additionally, Compound P110 reduces mitochondrial and organ damage in animal models of Huntington's disease, cerebral ischemia, and myocardial infarction.
Targets(IC50)	Dynamin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4146 mL	2.0732 mL	4.1463 mL
5 mM	0.0829 mL	0.4146 mL	0.8293 mL
10 mM	0.0415 mL	0.2073 mL	0.4146 mL
50 mM	0.0083 mL	0.0415 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

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