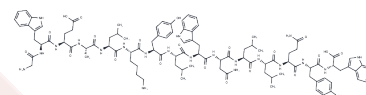


F9170

Chemical Properties

CAS No. : 2305092-66-2
Formula: C100H135N21O22
Molecular Weight: 1983.27
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	F9170 is an amphiphilic peptide known for its ability to inactivate HIV-1 viral particles. It targets the conserved cytoplasmic tail of HIV-1env and disrupts the integrity of the viral membrane. Additionally, F9170 is capable of crossing the blood-brain barrier (BBB).
Targets(IC50)	HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5042 mL	2.5211 mL	5.0422 mL
5 mM	0.1008 mL	0.5042 mL	1.0084 mL
10 mM	0.0504 mL	0.2521 mL	0.5042 mL
50 mM	0.0101 mL	0.0504 mL	0.1008 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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