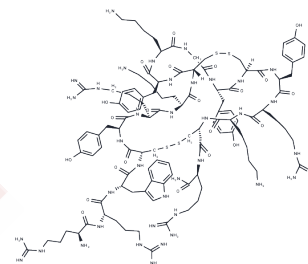


T-22

Chemical Properties

CAS No. :	147658-54-6
Formula:	C109H164N38O22S4
Molecular Weight:	2486.97
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	T-22 ([Tyr5,12,Lys7]-Polyphemusin II) is a novel anti-HIV synthetic peptide with an EC50 of 0.008 µg/mL and a CC50 of 54 µg/mL. In addition to its antiviral properties, T-22 enhances tomato plant height, photosynthesis, total chlorophyll content, and overall plant gas exchange, and it exhibits resistance to CMV.
Targets(IC50)	HIV Protease,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4021 mL	2.0105 mL	4.021 mL
5 mM	0.0804 mL	0.4021 mL	0.8042 mL
10 mM	0.0402 mL	0.201 mL	0.4021 mL
50 mM	0.008 mL	0.0402 mL	0.0804 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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