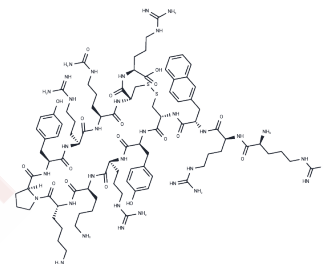


Polyphemusin II-Derived Peptide

Chemical Properties

CAS No. :	229030-20-0
Formula:	C90H141N33O18S2
Molecular Weight:	2037.42
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	Polyphemusin II-Derived Peptide (T140), a CXCR4 inhibitor, effectively blocks HIV-1 entry and hinders the binding of the anti-CXCR4 monoclonal antibody (12G5) to CXCR4 [1].
Targets(IC50)	CXCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4908 mL	2.4541 mL	4.9082 mL
5 mM	0.0982 mL	0.4908 mL	0.9816 mL
10 mM	0.0491 mL	0.2454 mL	0.4908 mL
50 mM	0.0098 mL	0.0491 mL	0.0982 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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