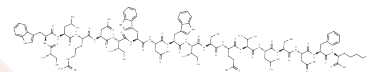


C5A

Chemical Properties

CAS No. :	811418-15-2
Formula:	C109H155N25O29S
Molecular Weight:	2311.61
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	C5A is an antimicrobial peptide compound with activity against Hepatitis C Virus (HCV) and HIV. It disrupts the membrane integrity of HIV viral particles as well as the conical capsid core that encloses the viral genome. C5A inhibits in vitro infectivity of various primary HIV isolates across different primary target cells. Additionally, C5A provides protection to mice from vaginal and rectal HIV infections.
Targets(IC50)	HCV Protease,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4326 mL	2.163 mL	4.326 mL
5 mM	0.0865 mL	0.4326 mL	0.8652 mL
10 mM	0.0433 mL	0.2163 mL	0.4326 mL
50 mM	0.0087 mL	0.0433 mL	0.0865 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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