

Palicourein

Chemical Properties

CAS No. :	331714-57-9
Formula:	C159H250N48O56S6
Molecular Weight:	3922.36
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	Palicourein, a 37-amino-acid cyclic polypeptide, inhibits the in vitro cytopathic effects of HIV-1RF infection in CEM-SS cells with an EC50 value of 0.1 μ M and an IC50 value of 1.5 μ M [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2549 mL	1.2747 mL	2.5495 mL
5 mM	0.051 mL	0.2549 mL	0.5099 mL
10 mM	0.0255 mL	0.1275 mL	0.2549 mL
50 mM	0.0051 mL	0.0255 mL	0.051 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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