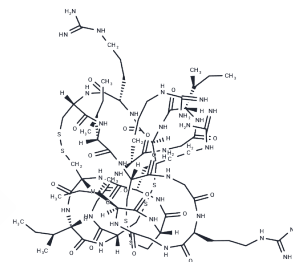


Retrocyclin-1

Chemical Properties

CAS No. :	724760-19-4
Formula:	C74H128N30O18S6
Molecular Weight:	1918.39
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	Retrocyclin-1, a Theta-defensin, selectively binds to carbohydrate-rich surface molecules such as fetuin, gp120 (K d =35.4 nM), CD4 (K d =31 nM), and galactosylceramide (K d =24.1 nM) [1], thereby shielding cells from HIV-1 infection.
Targets(IC50)	HIV Protease,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5213 mL	2.6064 mL	5.2127 mL
5 mM	0.1043 mL	0.5213 mL	1.0425 mL
10 mM	0.0521 mL	0.2606 mL	0.5213 mL
50 mM	0.0104 mL	0.0521 mL	0.1043 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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