

RCP168

Chemical Properties

CAS No. :

Formula: C365H585N105O95S5

Molecular Weight:

Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	RCP168 is a highly selective and potent CXCR4 receptor antagonist with an IC50 of 5 nM. It exhibits superior capacity to inhibit HIV-1 (Human Immunodeficiency Virus type 1) from entering host cells via the CXCR4 receptor compared to natural chemokines. RCP168 suppresses HIV-1 infection by blocking viral binding sites or inducing receptor internalization. It can be utilized in research to study interactions between the CXCR4 receptor and other chemokine receptors.
Targets(IC50)	CXCR

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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