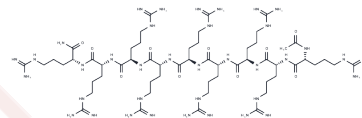


ALX 40-4C

Chemical Properties

CAS No. : 143413-49-4
 Formula: C₅₆H₁₁₃N₃O₁₀
 Molecular Weight: 1464.74
 Storage: Keep away from moisture
 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	ALX40-4C is a small peptide inhibitor of the chemokine receptor CXCR4 that can inhibit X4 strains of HIV-1.
Targets(IC50)	Apelin receptor, CXCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6827 mL	3.4136 mL	6.8272 mL
5 mM	0.1365 mL	0.6827 mL	1.3654 mL
10 mM	0.0683 mL	0.3414 mL	0.6827 mL
50 mM	0.0137 mL	0.0683 mL	0.1365 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.

Reference

Doranz BJ, et al. Safe use of the CXCR4 inhibitor ALX40-4C in humans. AIDS Res Hum Retroviruses. 2001 Apr 10;17(6):475-86.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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