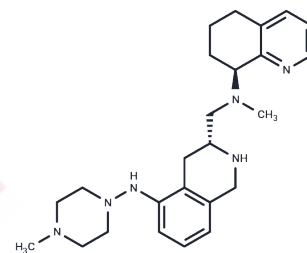


CXCR4 antagonist 2

Chemical Properties

CAS No. :	2243636-57-7
Formula:	C ₂₅ H ₃₆ N ₆
Molecular Weight:	420.605
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	CXCR4 antagonist 2 is a CXCR4 antagonist with an IC ₅₀ value of 47 nM.
Targets(IC ₅₀)	Others,CXCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3775 mL	11.8875 mL	23.775 mL
5 mM	0.4755 mL	2.3775 mL	4.755 mL
10 mM	0.2377 mL	1.1887 mL	2.3775 mL
50 mM	0.0475 mL	0.2377 mL	0.4755 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

Nguyen HH, et al. Amino-Heterocycle Tetrahydroisoquinoline CXCR4 Antagonists with Improved ADME Profiles via Late-Stage Buchwald Couplings. ACS Med Chem Lett. 2021 Oct 4;12(10):1605-1612.

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