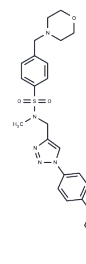


CXCR4 probe 1

Chemical Properties

CAS No. :	2077985-50-1
Formula:	C ₂₄ H ₃₀ FN ₅ O ₄ S
Molecular Weight:	502.59
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 probe 1 (compound 5) is a potent and specific CXCR4-targeted PET tracer that acts on the CXCR4-specific antagonist TN14003 (IC ₅₀ : 6.9 nM). It has potential as a CXCR4-specific imaging probe for the diagnosis and prognostic monitoring of inflammatory diseases, CXCR4-positive tumors, and metastatic tumors.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9897 mL	9.9485 mL	19.8969 mL
5 mM	0.3979 mL	1.9897 mL	3.9794 mL
10 mM	0.199 mL	0.9948 mL	1.9897 mL
50 mM	0.0398 mL	0.199 mL	0.3979 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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