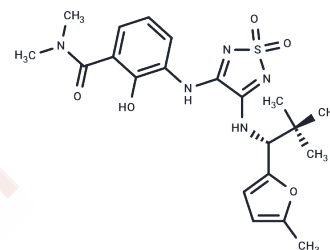


SLW131

Chemical Properties

CAS No. : 681511-84-2
 Formula: C₂₁H₂₇N₅O₅
 Molecular Weight: 461.535
 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	SLW131 (Compound 10) is a CCR7 antagonist with strong affinity, showing a K_i of 9.85 nM. It inhibits CCL19-induced G α protein activation with an IC_{50} of 29.4 μ M and β -arrestin2 recruitment with an IC_{50} of 6.0 μ M. SLW131 also suppresses CCL19-induced morphological changes in primary BMDC cells and CCR7-mediated migration of mouse CD4 ⁺ T cells.
Targets(IC_{50})	CXCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1667 mL	10.8333 mL	21.6666 mL
5 mM	0.4333 mL	2.1667 mL	4.3333 mL
10 mM	0.2167 mL	1.0833 mL	2.1667 mL
50 mM	0.0433 mL	0.2167 mL	0.4333 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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