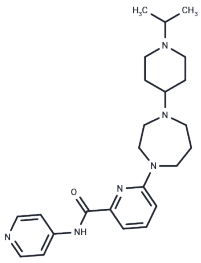
Data Sheet (Cat.No.T17208)

TargetMol

USL311

Chemical Properties



CAS No. : 1373268-67-7

Formula: C24H34N6O

Molecular Weight: 422.57

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	USL311 is a CXCR4 receptor antagonist which prevents the binding of stromal-cell derived factor-1 (SDF-1 or CXCL12) to CXCR4. USL311 inhibits CXCR4 activation and decreases proliferation and migration of CXCR4-expressing tumor cells, with anti-tumor activity.
Targets(IC50)	CXCR

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3665 mL	11.8324 mL	23.6647 mL
5 mM	0.4733 mL	2.3665 mL	4.7329 mL
10 mM	0.2366 mL	1.1832 mL	2.3665 mL
50 mM	0.0473 mL	0.2366 mL	0.4733 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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