Data Sheet (Cat.No.T67876)

TargetMol®
YOUR TARGET MOLECULES

USP8-IN-2

Chemical Properties

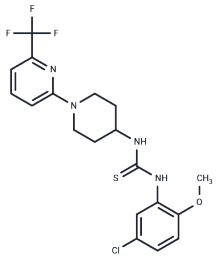
CAS No. : 2477651-11-7

Formula: C19H20ClF3N4OS

Molecular Weight: 444.9

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	USP8-IN-2 is a potent inhibitor of the deubiquitinating enzymes USP7 and USP8, with an IC50 of 4.0 μM against USP8D. USP8-IN-2 is a potential compound for the treatment of cancer and viral infections.
Targets(IC50)	DUB
In vitro	USP8-IN-3 inhibits the proliferation of H1957 cells, with a GI50 of 24.93 μM[1].

Solubility Information

Solubility	DMSO: 27.5 mg/mL (61.81 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2477 mL	11.2385 mL	22.477 mL
5 mM	0.4495 mL	2.2477 mL	4.4954 mL
10 mM	0.2248 mL	1.1238 mL	2.2477 mL
50 mM	0.045 mL	0.2248 mL	0.4495 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.

Reference

Li zhiyun, et al. Preparing method and application of USP8 inhibitor: China, CN111138358 A. 2020-05-12.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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