

SJF 1528

Chemical Properties

CAS No. : 2230821-38-0

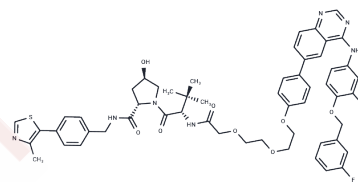
Formula: C55H57ClFN7O8S

Molecular Weight: 1030.61

Keep away from direct sunlight

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	Potent EGFR Degrader (DC50 values are 39.2 nM for wild-type EGFR in OVCAR8 cells and 736 nM for Exon20Ins mutated EGFR in HeLa cells). Also degrades HER2. Comprises the EGFR inhibitor lapatinib joined by a linker to a von Hippel-Lindau (VHL) recruiting ligand. Inhibits proliferation of HER2-driven breast cancer cell lines (IC50 = 102 nM for SKBr3 cells).
Targets(IC50)	EGFR,Others,PROTACs

Solubility Information

Solubility	DMSO: 103.06 mg/mL (100 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9703 mL	4.8515 mL	9.703 mL
5 mM	0.1941 mL	0.9703 mL	1.9406 mL
10 mM	0.097 mL	0.4851 mL	0.9703 mL
50 mM	0.0194 mL	0.097 mL	0.1941 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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