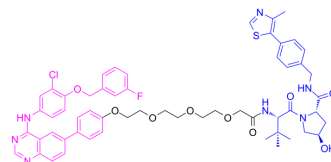


SJF-1521

Cat. No.:	HY-131865		
CAS No.:	2230821-40-4		
Molecular Formula:	C ₅₇ H ₆₁ ClFN ₇ O ₉ S		
Molecular Weight:	1074.65		
Target:	EGFR; PROTACs		
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; PROTAC		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (93.05 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.9305 mL	4.6527 mL	9.3054 mL
	5 mM	0.1861 mL	0.9305 mL	1.8611 mL
	10 mM	0.0931 mL	0.4653 mL	0.9305 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

SJF-1521 is a selective EGFR PROTAC degrader. SJF-1521 contains the EGFR inhibitor lapatinib (HY-50898). SJF-1521 can induce EGFR degradation in OVCAR8 cells^[1].

REFERENCES

[1]. Burslem GM, et al. The Advantages of Targeted Protein Degradation Over Inhibition: An RTK Case Study. Cell Chem Biol. 2018 Jan 18;25(1):67-77.e3.

Caution: Product has not been fully validated for medical applications. For research use only.

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