

JH-XI-10-02

Chemical Properties

CAS No. : 2209085-22-1

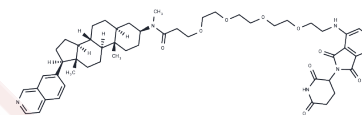
Formula: C53H69N5O9

Molecular Weight: 920.161

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	JH-XI-10-02 causes proteasomal degradation, does not affect CDK8 mRNA levels. JH-XI-10-02 shows no effect on CDK19. JH-XI-10-02 is a potent and selective degrader of CDK8, with an IC50 of 159 nM, based on PROTAC.
Targets(IC50)	EGFR,CDK,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0868 mL	5.4338 mL	10.8677 mL
5 mM	0.2174 mL	1.0868 mL	2.1735 mL
10 mM	0.1087 mL	0.5434 mL	1.0868 mL
50 mM	0.0217 mL	0.1087 mL	0.2174 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.

Reference

Hatcher JM, et al. Development of Highly Potent and Selective Steroidal Inhibitors and Degraders of CDK8. ACS Med Chem Lett. 2018 Mar 18;9(6):540-545.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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