

PROTAC KSP-IN-1

Chemical Properties

CAS No. :

Formula: C48H51N5O8S

Molecular Weight: 858.01

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	PROTACKSP-IN-1 (Compound 21) is a spindle protein (KSP) degrader as a PROTAC, effectively degrading KSP in HCT-116 cells with a DC50 value of 114.8 nM. It inhibits the proliferation of HCT-116 with an IC50 of 10 nM, causes G2/M phase cell cycle arrest, and induces apoptosis in HCT-116. Additionally, PROTACKSP-IN-1 demonstrates antitumor activity in mouse models.
Targets(IC50)	Apoptosis,Kinesin,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1655 mL	5.8274 mL	11.6549 mL
5 mM	0.2331 mL	1.1655 mL	2.331 mL
10 mM	0.1165 mL	0.5827 mL	1.1655 mL
50 mM	0.0233 mL	0.1165 mL	0.2331 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

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