

CP-07

Chemical Properties

CAS No. :

Formula: C45H48N6O8

Molecular Weight: 800.9

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	CP-07 is a selective and effective PROTAC CDK9 degrader (DC50: 43 nM), demonstrating inhibition of 22RV1 cell proliferation (IC50: 62 nM) and colony formation by attenuating levels of Mcl-1 and c-Myc. Additionally, CP-07 has been shown to impede the growth of 22RV1 xenograft tumors and is applicable in prostate cancer research [1].
Targets(IC50)	CDK,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2486 mL	6.243 mL	12.486 mL
5 mM	0.2497 mL	1.2486 mL	2.4972 mL
10 mM	0.1249 mL	0.6243 mL	1.2486 mL
50 mM	0.025 mL	0.1249 mL	0.2497 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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