

YJ9069

Chemical Properties

CAS No. :

Formula: C46H46N10O7

Molecular Weight: 850.92

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	YJ9069 is a selective CDK12/CDK13P ROTAC degrader with an IC50 of 22.22 nM in VCaP cells. Rapid degradation of CDK12/13 by this compound triggers transcription elongation defects dependent on gene length, leading to DNA damage and cell cycle arrest. YJ9069 effectively inhibits the proliferation of prostate cancer cell subpopulations and significantly suppresses prostate tumor growth in vivo.
Targets(IC50)	CDK,DNA/RNA Synthesis,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1752 mL	5.876 mL	11.752 mL
5 mM	0.235 mL	1.1752 mL	2.3504 mL
10 mM	0.1175 mL	0.5876 mL	1.1752 mL
50 mM	0.0235 mL	0.1175 mL	0.235 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481