

CDK9-IN-36

Chemical Properties

CAS No. :

Formula: C30H33F2N5O4

Molecular Weight: 565.61

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	CDK9-IN-36 (Compound T7) is a potent, selective, and metabolically stable CDK9 inhibitor with an IC50 value of 1.2 nM. It effectively suppresses the proliferation of Osimertinib-resistant NSCLC cells by downregulating Mcl-1, reducing colony formation, and inducing apoptosis. Additionally, CDK9-IN-36 exhibits antitumor activity in xenograft models.
Targets(IC50)	Apoptosis,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.768 mL	8.840 mL	17.680 mL
5 mM	0.3536 mL	1.768 mL	3.536 mL
10 mM	0.1768 mL	0.884 mL	1.768 mL
50 mM	0.0354 mL	0.1768 mL	0.3536 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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