

EGFR/CDK2-IN-2

Chemical Properties

CAS No. :

Formula: C49H32N12O2S2

Molecular Weight: 884.99

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	EGFR/CDK2-IN-2 (compound 6a) is a dual inhibitor targeting EGFR and CDK-2, with IC50 values of 19.6 nM and 87.9 nM, respectively. It induces apoptosis in MCF-7 cells and arrests cell cycle progression in the S phase, demonstrating notable anticancer activity with an IC50 of 0.39 μ M [1].
Targets(IC50)	EGFR,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.130 mL	5.6498 mL	11.2996 mL
5 mM	0.226 mL	1.130 mL	2.2599 mL
10 mM	0.113 mL	0.565 mL	1.130 mL
50 mM	0.0226 mL	0.113 mL	0.226 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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