

EGFR/PI3K α -IN-1

Chemical Properties

CAS No. :

Formula: C50H49N11O5S

Molecular Weight: 916.06

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/PI3K α -IN-1 (compound 30k), a dual EGFR/PI3K α inhibitor, exhibits potent activity with IC 50 values of 3.6 nM (EGFRL858R/T790M) and 30 nM (PI3K α). It effectively inhibits tumor cell proliferation and demonstrates significant anticancer activity.
Targets(IC50)	EGFR,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0916 mL	5.4582 mL	10.9163 mL
5 mM	0.2183 mL	1.0916 mL	2.1833 mL
10 mM	0.1092 mL	0.5458 mL	1.0916 mL
50 mM	0.0218 mL	0.1092 mL	0.2183 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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