

EGFR-IN-62

Chemical Properties

CAS No. :

Formula: C30H33N9O2

Molecular Weight: 551.64

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-IN-62 is a potent inhibitor of EGFR kinase with IC50 values of 10 nM for L858R/T790 M, 29 nM for WT and 2 42 nM for L858R/T790 M/C797S. EGFR-IN-62 blocks the cell cycle of A549 and/or H1975 cells in G1/G0 phase and induces apoptosis and motility inhibition. EGFR-IN-62 effectively inhibited the proliferation of A549 (IC50: 2.53 μM) and H1975 cells (IC50: 1.56 μM).
Targets(IC50)	Apoptosis,EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8128 mL	9.0639 mL	18.1278 mL
5 mM	0.3626 mL	1.8128 mL	3.6256 mL
10 mM	0.1813 mL	0.9064 mL	1.8128 mL
50 mM	0.0363 mL	0.1813 mL	0.3626 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481