Data Sheet (Cat.No.T75261)

TargetMol

EGFR-IN-1 TFA

Chemical Properties

CAS No. :

Formula: C30H31F3N6O6

Molecular Weight: 628.6

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-1 TFA is an orally active and irreversible L858R/T790M mutant selective EGFR inhibitor. EGFR-IN-1 TFA potently inhibits Gefitinib-resistant EGFR L858R, T790M with 100-fold selectivity over wild-type EGFR . EGFR-IN-1 TFA displays strong antiproliferative activity against the H1975 cells and the first line mutant HCC827 cells. Antitumor activity [1] .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5908 mL	7.9542 mL	15.9084 mL
5 mM	0.3182 mL	1.5908 mL	3.1817 mL
10 mM	0.1591 mL	0.7954 mL	1.5908 mL
50 mM	0.0318 mL	0.1591 mL	0.3182 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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