

EGFR T790M/L858R-IN-2

## Chemical Properties

CAS No. :

Formula: C<sub>28</sub>H<sub>28</sub>FN<sub>7</sub>O

Molecular Weight: 497.57

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	EGFRT790M/L858R-IN-2 is a potent, selective inhibitor of EGFRT790M/L858R, exhibiting IC <sub>50</sub> values of 3.5 nM for EGFRT790M/L858R and 1290 nM for EGFR WT. This compound effectively decreases the expression of p-EGFR, P-AKT, P-ERK1/2, and induces apoptosis as well as cell cycle arrest in the G1 phase, demonstrating anti-cancer activity [1].
Targets(IC <sub>50</sub> )	Apoptosis,EGFR,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0098 mL	10.0488 mL	20.0977 mL
5 mM	0.402 mL	2.0098 mL	4.0195 mL
10 mM	0.201 mL	1.0049 mL	2.0098 mL
50 mM	0.0402 mL	0.201 mL	0.402 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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