

EGFR WT/T790M-IN-3

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	EGFRWT/T790M-IN-3 is an irreversible, covalent inhibitor of EGFRWT and EGFR T790M with IC50 values of 28.1 nM and 24.6 nM, respectively. It also inhibits tubulin polymerization, exhibiting an IC50 of 5.1 μ M. EGFRWT/T790M-IN-3 demonstrates significant antiproliferative effects on HCT116 and T47D cells, with IC50 values of 3.12 μ M and 4.12 μ M, respectively. This compound is applicable in research pertaining to cancers such as non-small cell lung cancer, colon cancer, and breast cancer.
Targets(IC50)	EGFR, Microtubule Associated
In vitro	EGFR WT/T790M-IN-3 (Compound 7a) inhibits proliferation in A431, H1975, and A549 cells with IC50 values of 49.8, 4.64, and 3.94 μ M, respectively, and shows no significant toxicity against HEK293 cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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