

EGFR-IN-127

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	EGFR-IN-127 is an ATP-competitive inhibitor targeting EGFR, with IC50 values of 136.3 nM for EGFRdel19 and 161.2 nM for EGFRdel19/T790M/C797S. This compound holds potential for the study of non-small cell lung cancer (NSCLC).
Targets(IC50)	EGFR
In vitro	EGFR-IN-127 (compound b) effectively inhibits the proliferation of several lung cancer cell lines, including A549, PC-9 del19, PC-9 del19/T790M/C797S, and H1975. The IC50 values for these cell lines are 0.9464 μ M, 1.1262 μ M, 0.4963 μ M, and 1.4142 μ M, respectively. Additionally, EGFR-IN-127 demonstrates significant inhibition of cell migration at concentrations ranging from 100 nM to 1 μ M over a period of 48 hours.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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