

EGFR-IN-151

## 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-151 (Compound 10) inhibits EGFR and its downstream signaling pathways ERK/STAT3. It effectively suppresses the proliferation of various lung cancer cells, with IC50 values of 11.7, 5.19, 7.32, and 1.53 $\mu$ M for NCI-H1781, HCC827, NCI-H3255, and NCI-H1975, respectively. Additionally, EGFR-IN-151 hinders colony formation and cell migration in H1975, induces G1 phase cell cycle arrest, and triggers apoptosis in H1975 cells.
Targets(IC50)	Apoptosis,ERK,EGFR,STAT

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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