

EGFR-IN-143

## Chemical Properties

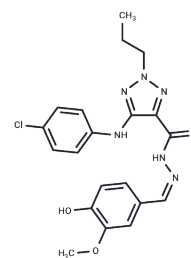
CAS No. :

Formula: C<sub>20</sub>H<sub>21</sub>ClN<sub>6</sub>O<sub>3</sub>

Molecular Weight: 428.872

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-143 (Compound 5f) is a potent EGFR inhibitor with an IC <sub>50</sub> value of 0.15 μM. It induces apoptosis by arresting the cell cycle at the G <sub>2</sub> /M phase and exhibits antitumor activity.
Targets(IC <sub>50</sub> )	Apoptosis,EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3317 mL	11.6585 mL	23.3171 mL
5 mM	0.4663 mL	2.3317 mL	4.6634 mL
10 mM	0.2332 mL	1.1659 mL	2.3317 mL
50 mM	0.0466 mL	0.2332 mL	0.4663 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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