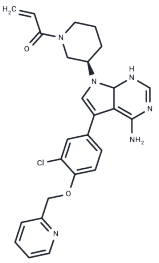
# Data Sheet (Cat.No.T63300)

TargetMol

## EGFR-IN-34

### Chemical Properties



CAS No. :

Formula: C26H27ClN6O2

Molecular Weight: 490.98

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-34 is a low-toxicity, acrylamide derivative antitumor agent that is a potent inhibitor of EGFR. Among others, overexpression and mutation of the epidermal growth factor receptor (EGFR) has been shown to lead to uncontrolled cell growth and is associated with the progression of most cancer diseases, especially NSCLC. EGFR-IN-34 exhibits potential for research in EGFR mutation-related diseases. |
| Targets(IC50) | EGFR,Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.0367 mL | 10.1837 mL | 20.3674 mL |
| 5 mM | 0.4073 mL | 2.0367 mL | 4.0735 mL |
| 10 mM | 0.2037 mL | 1.0184 mL | 2.0367 mL |
| 50 mM | 0.0407 mL | 0.2037 mL | 0.4073 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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