

EGFR-IN-136

## Chemical Properties

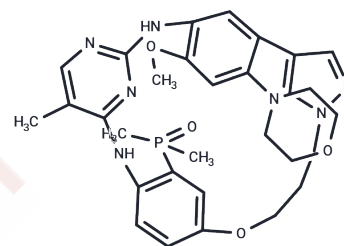
CAS No. :

Formula: C30H36N7O4P

Molecular Weight: 589.625

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-136 (compound 21v) is a potent inhibitor of EGFR, demonstrating IC50 values of 20.2 nM, 1.2 nM, 2.3 nM, and 12.5 nM for EGFRWT, EGFR/LR/TM, EGFR19D/TM/CS, and EGFR/LR/TM/CS, respectively. It exhibits antiproliferative and antitumor activities and holds potential for research in non-small cell lung cancer (NSCLC).
Targets(IC50)	EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.696 mL	8.4799 mL	16.9598 mL
5 mM	0.3392 mL	1.696 mL	3.392 mL
10 mM	0.1696 mL	0.848 mL	1.696 mL
50 mM	0.0339 mL	0.1696 mL	0.3392 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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