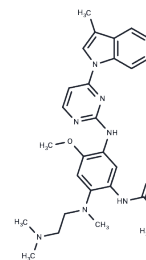


EGFR-IN-87

Chemical Properties

CAS No. :	1835666-87-9
Formula:	C ₂₈ H ₃₃ N ₇ O ₂
Molecular Weight:	499.61
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-87 is a potent EGFR tyrosine kinase inhibitor with anticancer activity that inhibits EGFR_d746-750, EGFR_L858R/T790M, and EGFR_WT in A431 cells, and can be used for cancer research.
Targets(IC50)	EGFR, Tyrosine Kinases

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0016 mL	10.0078 mL	20.0156 mL
5 mM	0.4003 mL	2.0016 mL	4.0031 mL
10 mM	0.2002 mL	1.0008 mL	2.0016 mL
50 mM	0.040 mL	0.2002 mL	0.4003 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.

Reference

Song Y.T, et al. Selective inhibitors of clinically important mutants of the egfr tyrosine kinase. The United States, WO2017120429 A2017-07-13.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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