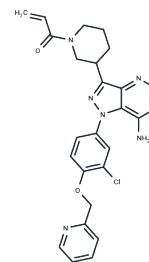


EGFR-IN-38

Chemical Properties

CAS No. :	2711105-50-7
Formula:	C ₂₅ H ₂₄ ClN ₇ O ₂
Molecular Weight:	489.96
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-38 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-38 exhibits potential for research in EGFR mutation-related diseases.
Targets(IC50)	EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.041 mL	10.2049 mL	20.4098 mL
5 mM	0.4082 mL	2.041 mL	4.082 mL
10 mM	0.2041 mL	1.0205 mL	2.041 mL
50 mM	0.0408 mL	0.2041 mL	0.4082 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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