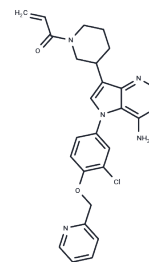


EGFR-IN-33

Chemical Properties

CAS No. :	2711105-59-6
Formula:	C ₂₆ H ₂₅ ClN ₆ O ₂
Molecular Weight:	488.97
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-33, an acrylamide derivative, is a low-toxicity antitumor agent and 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-33 exhibits potential for the study of EGFR mutation-related diseases.
Targets(IC50)	EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0451 mL	10.2256 mL	20.4512 mL
5 mM	0.409 mL	2.0451 mL	4.0902 mL
10 mM	0.2045 mL	1.0226 mL	2.0451 mL
50 mM	0.0409 mL	0.2045 mL	0.409 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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