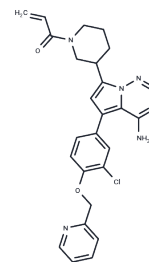


EGFR-IN-36

Chemical Properties

CAS No. :	2711105-54-1
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-36 is a potent inhibitor of EGFR, acting on EGFR (WT) (IC ₅₀ : 19.09 nM), HER2 (WT) (IC ₅₀ : 120.01 nM), and HER2 (A775_G776insYVMA) (IC ₅₀ : 2.35 nM). EGFR-IN-36 exhibits potential for studying wild and/or mutant EGFR and/or HER2 kinase-mediated tumors.
Targets(IC ₅₀)	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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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