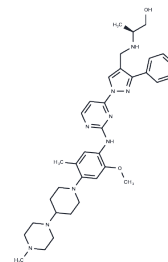


EGFR-IN-101

Chemical Properties

CAS No. :	2982583-44-6
Formula:	C ₃₅ H ₄₇ N ₉ O ₂
Molecular Weight:	625.81
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-101 (I-10), a 2-phenylamino pyrimidine derivative, is an EGFR inhibitor with IC ₅₀ values of 33.26 nM for EGFR L858R/T790M/C797S and 106.4 nM for Ba/F3-EGFR L858R/T790M/C797S. It is applicable in the study of non-small cell lung cancer (NSCLC) [1].
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5979 mL	7.9896 mL	15.9793 mL
5 mM	0.3196 mL	1.5979 mL	3.1959 mL
10 mM	0.1598 mL	0.799 mL	1.5979 mL
50 mM	0.032 mL	0.1598 mL	0.3196 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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