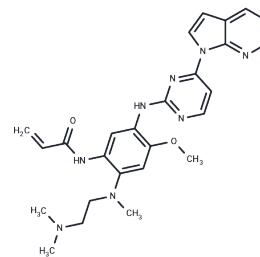


EGFR-IN-85

Chemical Properties

CAS No. :	1956378-29-2
Formula:	C ₂₆ H ₃₀ N ₈ O ₂
Molecular Weight:	486.57
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-85 (Compound 1), an EGFR inhibitor, exhibits potent activity with an IC ₅₀ of 0.19 μM against EGFRvIII phosphorylation and can suppress intratumoral EGFR signaling. It is utilized in Glioblastoma (GBM) research [1].
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0552 mL	10.276 mL	20.552 mL
5 mM	0.411 mL	2.0552 mL	4.1104 mL
10 mM	0.2055 mL	1.0276 mL	2.0552 mL
50 mM	0.0411 mL	0.2055 mL	0.411 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481