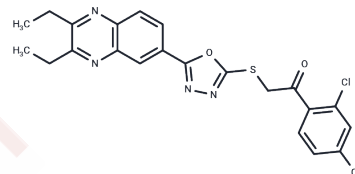


EGFR-IN-88

Chemical Properties

CAS No. :	2944452-34-8
Formula:	C ₂₂ H ₁₈ Cl ₂ N ₄ O ₂ S
Molecular Weight:	473.37
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-88 (Compound 4i), an EGFR inhibitor with an IC ₅₀ of 87 nM, exhibits cytotoxic effects on A549 cells at an IC ₅₀ of 3.902 μM and can induce cell apoptosis [1].
Targets(IC ₅₀)	Apoptosis,EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1125 mL	10.5626 mL	21.1251 mL
5 mM	0.4225 mL	2.1125 mL	4.225 mL
10 mM	0.2113 mL	1.0563 mL	2.1125 mL
50 mM	0.0423 mL	0.2113 mL	0.4225 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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