

EGFR-IN-50

Chemical Properties

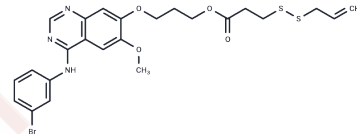
CAS No. : 2044508-48-5

Formula: C₂₄H₂₆BrN₃O₄S₂

Molecular Weight: 564.51

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-50 is a potent EGFR inhibitor targeting L858R resistance mutations, acting on TEL-EGFR-L858R-BaF3 and TEL-EGFR-T790M-L858R-BaF3 with GI50 values of 8 nM and 6.03 μM, respectively. EGFR-IN-50 exhibits anti-proliferative effects on cancer cells. .
Targets(IC50)	EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7714 mL	8.8572 mL	17.7145 mL
5 mM	0.3543 mL	1.7714 mL	3.5429 mL
10 mM	0.1771 mL	0.8857 mL	1.7714 mL
50 mM	0.0354 mL	0.1771 mL	0.3543 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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