

EGFR-IN-46

Chemical Properties

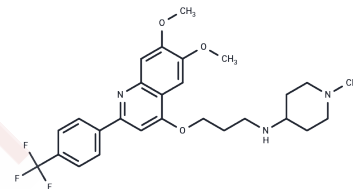
CAS No. : 2764772-88-3

Formula: C₂₇H₃₂F₃N₃O₃

Molecular Weight: 503.56

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-46 is a potent dual inhibitor of EGFR (IC ₅₀ : 20.17 nM) and FAK (IC ₅₀ : 14.25 nM) that significantly inhibits cancer cell growth and induces apoptosis.
Targets(IC ₅₀)	Apoptosis,FAK,EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9859 mL	9.9293 mL	19.8586 mL
5 mM	0.3972 mL	1.9859 mL	3.9717 mL
10 mM	0.1986 mL	0.9929 mL	1.9859 mL
50 mM	0.0397 mL	0.1986 mL	0.3972 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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