

EGFR-IN-129

Chemical Properties

CAS No. :

Formula: C₂₁H₁₈N₄O₃S

Molecular Weight: 406.46

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-129 (Compound 10b) is an effective, selective EGFR inhibitor with an IC ₅₀ of 51.2 nM and demonstrates broad-spectrum antiproliferative activity against the NCI tumor panel.
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4603 mL	12.3013 mL	24.6027 mL
5 mM	0.4921 mL	2.4603 mL	4.9205 mL
10 mM	0.246 mL	1.2301 mL	2.4603 mL
50 mM	0.0492 mL	0.246 mL	0.4921 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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