

EGFR-IN-135

Chemical Properties

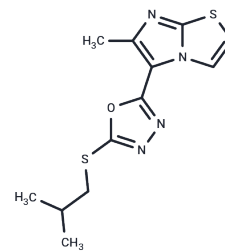
CAS No. :

Formula: C₁₂H₁₄N₄O₂S

Molecular Weight: 294.4

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-135 (compound 3d) is an EGFR inhibitor with an IC ₅₀ value of 0.086 μM. It inhibits cell growth and arrests the cell cycle in the S phase in breast cancer cell lines.
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3967 mL	16.9837 mL	33.9674 mL
5 mM	0.6793 mL	3.3967 mL	6.7935 mL
10 mM	0.3397 mL	1.6984 mL	3.3967 mL
50 mM	0.0679 mL	0.3397 mL	0.6793 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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