Data Sheet (Cat.No.T79775)

TargetMol

EGFR-IN-89

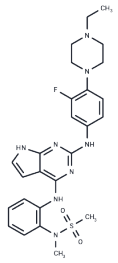
Chemical Properties

CAS No. : 2413029-40-8

Formula: C26H31FN8O2S

Molecular Weight: 538.64

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-89 (compound 13k) is a fourth-generation inhibitor that selectively targets EGFR mutations, showing potent activity with an IC50 of 10.1 nM against Del19/T790M/C797S mutations, and demonstrating greater selectivity for mutant forms over wild type [1].
Targets(IC50)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8565 mL	9.2826 mL	18.5653 mL
5 mM	0.3713 mL	1.8565 mL	3.7131 mL
10 mM	0.1857 mL	0.9283 mL	1.8565 mL
50 mM	0.0371 mL	0.1857 mL	0.3713 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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