

MS9427

Chemical Properties

CAS No. : 2772613-37-1

Formula: C48H58ClFN8O12

Molecular Weight: 993.47

Keep away from direct sunlight

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	MS9427 is a potent PROTAC EGFR degrader with dissociation constants (K_d s) of 7.1 nM for wild-type (WT) EGFR and 4.3 nM for L858R mutant EGFR, demonstrating selective degradation of the mutant via ubiquitin/proteasome system (UPS) and autophagy/lysosome pathways. MS9427 effectively inhibits non-small cell lung cancer (NSCLC) cell proliferation, positioning it as a potential therapeutic agent in anticancer research [1].
Targets(IC50)	EGFR,Others,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0066 mL	5.0329 mL	10.0657 mL
5 mM	0.2013 mL	1.0066 mL	2.0131 mL
10 mM	0.1007 mL	0.5033 mL	1.0066 mL
50 mM	0.0201 mL	0.1007 mL	0.2013 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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