

MS9449

Chemical Properties

CAS No. : 2772612-96-9

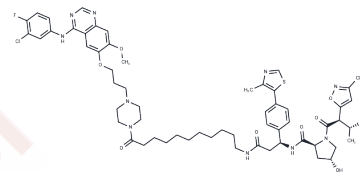
Formula: C60H76ClFN10O8S

Molecular Weight: 1151.82

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	MS9449 is a potent PROTAC EGFR degrader, exhibiting dissociation constants (Kd) of 17 nM for EGFR WT and 10 nM for EGFR L858R. It effectively mediates the degradation of mutant EGFRs via both ubiquitin/proteasome system (UPS) and autophagy/lysosome pathways, robustly suppressing the proliferation of NSCLC cells, indicating its potential utility in anticancer research [1].
Targets(IC50)	EGFR,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8682 mL	4.341 mL	8.6819 mL
5 mM	0.1736 mL	0.8682 mL	1.7364 mL
10 mM	0.0868 mL	0.4341 mL	0.8682 mL
50 mM	0.0174 mL	0.0868 mL	0.1736 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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