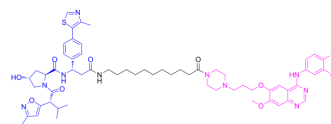


MS9449

Cat. No.:	HY-147942
CAS No.:	2772612-96-9
Molecular Formula:	C ₆₀ H ₇₆ ClFN ₁₀ O ₈ S
Molecular Weight:	1151.82
Target:	PROTACs; EGFR
Pathway:	PROTAC; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MS9449 is a potent PROTAC EGFR degrader with K _d s of 17 nM and 10 nM for EGFR WT and EGFR L858R, respectively. MS9449 effectively induces degradation of mutant EGFRs through both the ubiquitin/proteasome system (UPS) and autophagy/lysosome pathways. MS9449 potentially inhibits the proliferation of NSCLC cells. MS9449 can be used for researching anticancer ^[1] .	
IC ₅₀ & Target	EGFR (WT) 17 nM (Kd)	EGFR L858R 10 nM (Kd)

REFERENCES

[1]. Yu X, et al. Exploring Degradation of Mutant and Wild-Type Epidermal Growth Factor Receptors Induced by Proteolysis-Targeting Chimeras. J Med Chem. 2022 Jun 23;65(12):8416-8443.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA