MS154

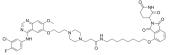|	
Cat. No.:	HY-141640
CAS No.:	2550393-21-8
Molecular Formula:	$C_{46}H_{54}ClFN_8O_8$
Molecular Weight:	901.42
Target:	PROTACs; EGFR
Pathway:	PROTAC; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	MS154 is a first-in-class E3 ligase cereblon-recruiting EGFR degrader with K_ds of 1.8 nM and 3.8 nM for EGFR [WT] and EGFR [L858R] mutants. MS154 potently inhibits cell proliferation in lung cancer cells[1].		
IC_{50} & Target	Cereblon	EGFR (WT) 1.8 nM (Kd)	EGFR[L858R] 3.8 nM (Kd)

REFERENCES

[1]. Meng Cheng, et al. Discovery of Potent and Selective Epidermal Growth Factor Receptor (EGFR) Bifunctional Small-Molecule Degraders. J Med Chem. 2020 Feb 13;63(3):1216-1232.