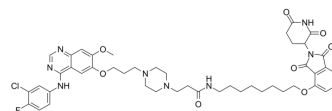


MS154

Cat. No.:	HY-141640
CAS No.:	2550393-21-8
Molecular Formula:	C ₄₆ H ₅₄ ClFN ₈ O 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 _d s 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] .		
IC₅₀ & 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.

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

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