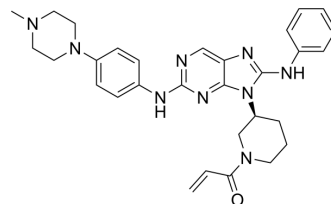


EGFR ligand-2

Cat. No.:	HY-150905
CAS No.:	2737283-20-2
Molecular Formula:	C ₃₀ H ₃₅ N ₉ O
Molecular Weight:	537.66
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	EGFR ligand-2 (compound C4), a covalent EGFR ligand, is a EGFR mutant inhibitor with IC ₅₀ s of 21 nM and 48 nM for EGFR L858R and EGFR ^{L858R/T790M} , respectively. EGFR ligand-2 can be used to synthesize PROTAC ^[1] .	
IC₅₀ & Target	EGFR ^{L858R} 21 nM (IC ₅₀)	EGFR ^{L858R/T790M} 48 nM (IC ₅₀)

REFERENCES

[1]. Hong-Yi Zhao, et al. Discovery of Potent PROTACs Targeting EGFR Mutants through the Optimization of Covalent EGFR Ligands. J Med Chem. 2022 Mar 24;65(6):4709-4726.

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

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