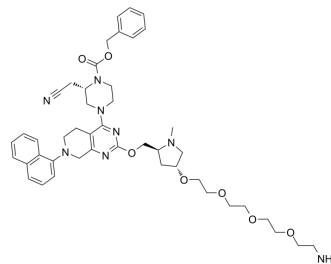


K-Ras ligand-Linker Conjugate 2

Cat. No.:	HY-129776
CAS No.:	2741300-61-6
Molecular Formula:	C ₄₅ H ₅₈ N ₈ O ₇
Molecular Weight:	822.99
Target:	Target Protein Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	K-Ras ligand-Linker Conjugate 2 incorporates a ligand for K-Ras, and a PROTAC linker, which recruit E3 ligases (such as VHL, CRBN, MDM2, and IAP). K-Ras ligand-Linker Conjugate 2 can be used in the synthesis of PROTAC K-Ras Degradator-1 (HY-129523), which is potent PROTAC K-Ras degrader that exhibits ≥70% degradation efficacy in SW1573 cells ^[1] .
In Vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. CREW, Andrew P., et al. MODULATORS OF PROTEOLYSIS AND ASSOCIATED METHODS OF USE. WO2019195609A2.

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

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