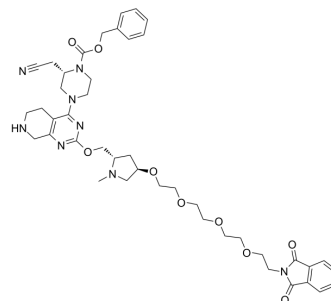


## K-Ras ligand-Linker Conjugate 1

<b>Cat. No.:</b>	HY-129775
<b>CAS No.:</b>	2749492-84-8
<b>Molecular Formula:</b>	C <sub>43</sub> H <sub>54</sub> N <sub>8</sub> O <sub>9</sub>
<b>Molecular Weight:</b>	826.94
<b>Target:</b>	Target Protein Ligand-Linker Conjugates
<b>Pathway:</b>	PROTAC
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	K-Ras ligand-Linker Conjugate 1 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 1 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 <sup>[1]</sup> .
<b>In Vitro</b>	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 <sup>[1]</sup> . 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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