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Inhibitors, Screening Libraries, Proteins

# Target Protein Ligand-Linker Conjugates

Target Protein Ligand-Linker Conjugate incorporates a ligand for the target protein and a linker. When binding to an E3 ligase ligand, the conjugate will be a PROTAC with ability to induce ubiquitylation and subsequent degradation the protein of interest.

Target proteins are usually proteins whose overexpression or accumulation may play important roles in the progress of diseases. Numbers of PROTACs have been developed to degrade kinases, transcription factors, epigenetic tools and E3 ligase themselves.

The optimal lengths of the PROTAC linkers are reported varying from 12-carbon to over 20-carbon, and the commonly used linkers in the development of PROTACs are PEGs, Alkyl-Chain and Alkyl/ether.

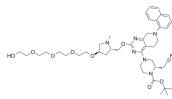
## Target Protein Ligand-Linker Conjugates Chemicals

<p><b>BMS-1166-N-piperidine-CO-N-piperazine</b></p> <p>Cat. No.: HY-131386</p>	<p><b>BRD4 ligand-Linker Conjugate 1</b></p> <p>Cat. No.: HY-132943</p>
<p>BMS-1166-N-piperidine-CO-N-piperazine incorporates a ligand for PD-1/PD-L1 immune checkpoint, and a PROTAC linker.</p> <p>BMS-1166-N-piperidine-CO-N-piperazine can be used in the synthesis of PROTAC PD-1/PD-L1 degrader-1 (HY-131183).</p> <p><b>Purity:</b> &gt;98%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 1 mg, 5 mg</p>	<p>BRD4 ligand-Linker Conjugate 1 is a target protein ligand-linker conjugate that can be used in the synthesis of PROTACs.</p> <p><b>Purity:</b> &gt;98%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 1 mg, 5 mg</p>
<p><b>Desmorpholinyl Quizartinib-PEG2-COOH</b></p> <p>Cat. No.: HY-131230</p>	<p><b>Dual PARP EGFR ligand for PROTAC</b></p> <p>Cat. No.: HY-141486</p>
<p>Desmorpholinyl Quizartinib-PEG2-COOH incorporates a ligand for FLT-3, and a PEG-based PROTAC linker.</p> <p>Desmorpholinyl Quizartinib-PEG2-COOH can be used in the synthesis of PROTAC FLT-3 degrader 1 (HY-114323).</p> <p><b>Purity:</b> 95.09%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 50 mg, 250 mg</p>	<p>Dual PARP EGFR ligand for PROTAC incorporates a ligand for PARP and EGFR, and a PROTAC linker, which recruit E3 ligases (such as VHL, CRBN, MDM2, and IAP).</p> <p><b>Purity:</b> &gt;98%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 1 mg, 5 mg</p>
<p><b>ERR<math>\alpha</math> Ligand-Linker Conjugates 1</b></p> <p>Cat. No.: HY-130499</p>	<p><b>FAK ligand-Linker Conjugate 1</b></p> <p>Cat. No.: HY-44148</p>
<p>ERR<math>\alpha</math> Ligand-Linker Conjugates 1 incorporates a ligand for <b>estrogen-related receptor alpha (ERR<math>\alpha</math>)</b>, and a PROTAC linker, which recruit E3 ligases <b>MDM2</b>. ERR<math>\alpha</math> Ligand-Linker Conjugates 1 can be used in the synthesis of a series of PROTACs, such as PROTAC ERRalpha Degradier-1 (HY-128838).</p> <p><b>Purity:</b> 96.70%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 1 mg, 5 mg, 10 mg</p>	<p>FAK ligand-Linker Conjugate 1 incorporates a ligand for FAK, and a PROTAC linker, which recruit E3 ligases (such as VHL, CRBN, MDM2, and IAP). FAK ligand-Linker Conjugate 1 can be extensively used for PROTAC-mediated protein degradation.</p> <p><b>Purity:</b> 98.28%</p> <p><b>Clinical Data:</b></p> <p><b>Size:</b> 10 mM <math>\times</math> 1 mL, 1 mg, 5 mg, 10 mg</p>
<p><b>K-Ras ligand-Linker Conjugate 1</b></p> <p>Cat. No.: HY-129775</p>	<p><b>K-Ras ligand-Linker Conjugate 2</b></p> <p>Cat. No.: HY-129776</p>
<p>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).</p> <p><b>Purity:</b> &gt;98%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 1 mg, 5 mg</p>	<p>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).</p> <p><b>Purity:</b> &gt;98%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 1 mg, 5 mg</p>
<p><b>K-Ras ligand-Linker Conjugate 3</b></p> <p>Cat. No.: HY-130707</p>	<p><b>K-Ras ligand-Linker Conjugate 4</b></p> <p>Cat. No.: HY-130822</p>
<p>K-Ras ligand-Linker Conjugate 3 (Compound 001371) incorporates a ligand for K-Ras recruiting moiety, and a PROTAC linker, which recruit E3 ligases (such as VHL, CRBN, MDM2, and IAP).</p> <p><b>Purity:</b> &gt;98%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 10 mM <math>\times</math> 1 mL, 1 mg, 5 mg, 10 mg</p>	<p>K-Ras ligand-Linker Conjugate 4 incorporates a ligand for K-Ras recruiting moiety, and a PROTAC linker, which recruit E3 ligases (such as VHL, CRBN, MDM2, and IAP).</p> <p><b>Purity:</b> 95.06%</p> <p><b>Clinical Data:</b> No Development Reported</p> <p><b>Size:</b> 100 mg</p>

### K-Ras ligand-Linker Conjugate 5

Cat. No.: HY-130823

K-Ras ligand-Linker Conjugate 5 incorporates a ligand for K-Ras recruiting moiety, and a PROTAC linker, which recruit E3 ligases (such as VHL, CRBN, MDM2, and IAP).

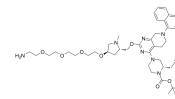


**Purity:** 96.96%  
**Clinical Data:** No Development Reported  
**Size:** 10 mM × 1 mL, 100 mg

### K-Ras ligand-Linker Conjugate 6

Cat. No.: HY-130991

K-Ras ligand-Linker Conjugate 6 incorporates a ligand for K-Ras recruiting moiety, and a PROTAC linker, which recruit E3 ligases (such as VHL, CRBN, MDM2, and IAP).

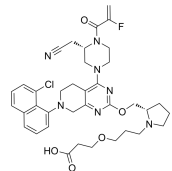


**Purity:** 95.18%  
**Clinical Data:** No Development Reported  
**Size:** 100 mg

### MRTX849 ethoxypropanoic acid

Cat. No.: HY-139403

MRTX849 ethoxypropanoic acid incorporates a ligand for KRAS G12C, and a PROTAC linker. MRTX849 ethoxypropanoic acid can be used in the synthesis of PROTAC LC-2 (HY-137516).



**Purity:** >98%  
**Clinical Data:** No Development Reported  
**Size:** 1 mg, 5 mg