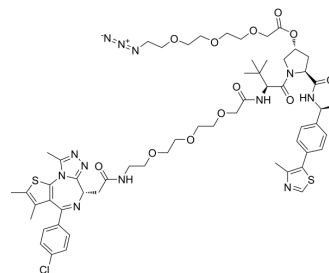


## PROTAC BRD4 Degradator-5-CO-PEG3-N3

<b>Cat. No.:</b>	HY-133736		
<b>Molecular Formula:</b>	C <sub>58</sub> H <sub>75</sub> ClN <sub>12</sub> O <sub>12</sub> S <sub>2</sub>		
<b>Molecular Weight:</b>	1231.87		
<b>Target:</b>	PROTAC-Linker Conjugates for PAC; ADC Cytotoxin		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related; PROTAC		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 20 mg/mL (16.24 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions			1 mg	5 mg
			1 mM	0.8118 mL	4.0589 mL
			5 mM	0.1624 mL	0.8118 mL
	10 mM	0.0812 mL	0.4059 mL	0.8118 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: 75 mg/mL (60.88 mM); Suspended solution; Need ultrasonic</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: 7.5 mg/mL (6.09 mM); Suspended solution; Need ultrasonic</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2 mg/mL (1.62 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	PROTAC BRD4 Degradator-5-CO-PEG3-N3 (Compound 2) is a PROTAC-linker Conjugate for PAC, comprises the BRD4 degrader GNE-987 and PEG-based linker <sup>[1]</sup> .
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### REFERENCES

[1]. Mari A Maneiro, et al. Antibody-PROTAC Conjugates Enable HER2-Dependent Targeted Protein Degradation of BRD4. ACS Chem Biol. 2020 Jun 19;15(6):1306-1312.

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

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