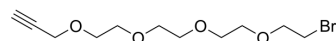


## Propargyl-PEG4-Br

<b>Cat. No.:</b>	HY-130591		
<b>CAS No.:</b>	1308299-09-3		
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>19</sub> BrO <sub>4</sub>		
<b>Molecular Weight:</b>	295.17		
<b>Target:</b>	ADC Linker; PROTAC Linkers		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related; PROTAC		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	Propargyl-PEG4-Br is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Propargyl-PEG4-Br is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> . Propargyl-PEG4-Br is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.	
<b>IC<sub>50</sub> &amp; Target</b>	Non-cleavable Linker	PEGs
<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. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

### REFERENCES

[1]. Suzanne AKERS-RODRIGUEZ, et al. Compositions and methods for the treatment of bacterial infections. WO2019126353A2.

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

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