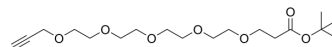


Propargyl-PEG4-CH2CH2-Boc

Cat. No.:	HY-130293		
CAS No.:	1245823-50-0		
Molecular Formula:	C ₁₈ H ₃₂ O ₇		
Molecular Weight:	360.44		
Target:	ADC Linker; PROTAC Linkers		
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	<p>Propargyl-PEG4-CH2CH2-Boc is a non-cleavable ADC linker that can be used to synthesize ADC inhibitors of Galectin-3. Propargyl-PEG4-CH2CH2-Boc is a PEG- and Alkyl/ether-based PROTAC linker that can be used in the synthesis of PROTACs^[1]. Propargyl-PEG4-CH2CH2-Boc is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.</p>	
IC₅₀ & Target	Non-cleavable Linker	Alkyl/ether
In Vitro	<p>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.</p>	

REFERENCES

[1]. Zhang H, et al. Thiodigalactoside-Bovine Serum Albumin Conjugates as High-Potency Inhibitors of Galectin-3: An Outstanding Example of Multivalent Presentation of Small Molecule Inhibitors. *Bioconjug Chem.* 2018 Apr 18;29(4):1266-1275.

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

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