



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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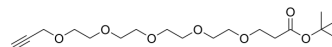
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## Propargyl-PEG4-CH2CH2-Boc

<b>Cat. No.:</b>	HY-130293		
<b>CAS No.:</b>	1245823-50-0		
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>32</sub> O <sub>7</sub>		
<b>Molecular Weight:</b>	360.44		
<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>	<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<sup>[1]</sup>. 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>	
<b>IC<sub>50</sub> &amp; Target</b>	Non-cleavable Linker	Alkyl/ether
<b>In Vitro</b>	<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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