



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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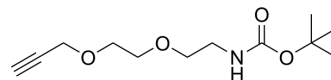
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## Propargyl-PEG2-NHBoc

Cat. No.:	HY-118808		
CAS No.:	869310-84-9		
Molecular Formula:	C <sub>12</sub> H <sub>21</sub> NO <sub>4</sub>		
Molecular Weight:	243.3		
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

<b>Description</b>	Propargyl-PEG2-NHBoc is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Propargyl-PEG2-NHBoc is a PEG-based PROTAC linker can be used in the synthesis of PROTACs <sup>[1]</sup> . Propargyl-PEG2-NHBoc 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>	Cleavable Linker	PEGs	Alkyl/ether
<b>In Vitro</b>	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. 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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

### REFERENCES

[1]. Nello Mainolfi, et al. rak degraders and uses thereof. US20190192668A1.

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

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