



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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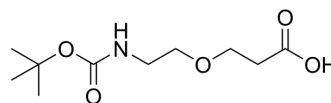
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## Boc-NH-PEG1-CH<sub>2</sub>CH<sub>2</sub>COOH

<b>Cat. No.:</b>	HY-120775		
<b>CAS No.:</b>	1260092-44-1		
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>19</sub> NO <sub>5</sub>		
<b>Molecular Weight:</b>	233.26		
<b>Target:</b>	PROTAC Linkers; ADC Linker		
<b>Pathway:</b>	PROTAC; Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	Boc-NH-PEG1-CH <sub>2</sub> CH <sub>2</sub> COOH is a cleavable (1 unit PEG) ADC linker and also a PEG- and Alkyl/ether-based PROTAC linker can be used in the synthesis of antibody-drug conjugates (ADCs) or PROTACs <sup>[1][2]</sup> .		
<b>IC<sub>50</sub> &amp; Target</b>	PEGs	Alkyl/ether	Cleavable Linker
<b>In Vitro</b>	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker <sup>[1]</sup> . 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 <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

### REFERENCES

[1]. Darren H. Wakefield, et al. Poly(vinyl ester) Polymers for In Vivo Nucleic Acid Delivery. US20130121954A1.

[2]. Alex Cortez, et al. Antibody conjugates comprising toll-like receptor agonist and combination therapies. WO2018198091A1.

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

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