



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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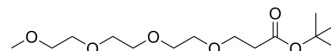
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## m-PEG4-Boc

<b>Cat. No.:</b>	HY-141395		
<b>CAS No.:</b>	883554-11-8		
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>28</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	292.37		
<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>	m-PEG4-Boc is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> . m-PEG4-Boc is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[2]</sup> .		
<b>IC<sub>50</sub> &amp; Target</b>	PEGs	Cleavable	
<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]. Hervé Bouchard, et al. Peptidic linkers and cryptophycin conjugates, useful in therapy, and their preparation. WO2018206635A1.
- [2]. Peter Madsen, et al. Protease stabilized, pegylated insulin analogues. WO2009010428A1.

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

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