



# 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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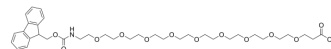
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## Fmoc-NH-PEG9-CH<sub>2</sub>CH<sub>2</sub>COOH

<b>Cat. No.:</b>	HY-130167		
<b>CAS No.:</b>	1191064-81-9		
<b>Molecular Formula:</b>	C <sub>36</sub> H <sub>53</sub> NO <sub>13</sub>		
<b>Molecular Weight:</b>	707.8		
<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>	Fmoc-NH-PEG9-CH <sub>2</sub> CH <sub>2</sub> COOH is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Fmoc-NH-PEG9-CH <sub>2</sub> CH <sub>2</sub> COOH is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> .		
<b>IC<sub>50</sub> &amp; Target</b>	Cleavable	PEGs	
<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]. Yang Y, et al. Design, synthesis, and biological characterization of novel PEG-linked dimeric modulators for CXCR4. *Bioorg Med Chem*. 2016 Nov 1;24(21):5393-5399.

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

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