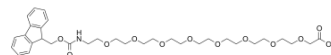


## Fmoc-NH-PEG8-CH2COOH

<b>Cat. No.:</b>	HY-133063
<b>CAS No.:</b>	868594-52-9
<b>Molecular Formula:</b>	C <sub>33</sub> H <sub>47</sub> NO <sub>12</sub>
<b>Molecular Weight:</b>	649.73
<b>Target:</b>	ADC Linker; PROTAC Linker
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related; PROTAC
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Fmoc-NH-PEG8-CH2COOH is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Fmoc-NH-PEG8-CH2COOH 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	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]. Michael A, et al. Synthesis of Bifunctional Integrin-Binding Peptides Containing PEG Spacers of Defined Length for Non-Viral Gene Delivery. Volume2008, Issue17.

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

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