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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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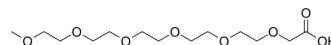
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m-PEG5-CH₂COOH

Cat. No.:	HY-120537		
CAS No.:	16142-03-3		
Molecular Formula:	C ₁₃ H ₂₆ O ₈		
Molecular Weight:	310.34		
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

Description	m-PEG5-CH ₂ COOH is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). m-PEG5-CH ₂ COOH is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] .	
IC₅₀ & Target	Non-cleavable Linker	PEGs
In Vitro	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]. Yong Zu Kim, et al. Antibody-drug conjugates comprising branched linkers and methods related thereto. WO2017089895A1.

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

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