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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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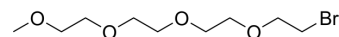
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m-PEG4-Br

Cat. No.:	HY-130161		
CAS No.:	110429-45-3		
Molecular Formula:	C ₉ H ₁₉ BrO ₄		
Molecular Weight:	271.15		
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-PEG4-Br is a cleavable ADC linker used in the synthesis of antibody-drug conjugate (ADC) for Trastuzumab (HY-P9907). m-PEG4-Br is placed distally from the monomethyl auristatin E (MMAE) payload to yield an ADC with altered hydrophilicity, antigen binding, and in vitro potency ^[1] . m-PEG4-Br also can be used as a PROTAC linker that can be used in the synthesis of PROTACs.	
IC₅₀ & Target	Cleavable	PEGs
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Walker JA, et al. Hydrophilic Sequence-Defined Cross-Linkers for Antibody-Drug Conjugates. *Bioconjug Chem.* 2019 Nov 20;30(11):2982-2988.

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

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