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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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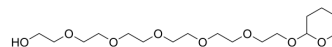
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THP-PEG6-OH

Cat. No.:	HY-126918		
CAS No.:	42607-87-4		
Molecular Formula:	C ₁₇ H ₃₄ O ₈		
Molecular Weight:	366.45		
Target:	PROTAC Linkers; ADC Linker		
Pathway:	PROTAC; Antibody-drug Conjugate/ADC Related		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	THP-PEG6-OH is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] . THP-PEG6-OH is also a non-cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[2] .		
IC ₅₀ & Target	PEGs	Non-cleavable	
In Vitro	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 ^[1] . ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

REFERENCES

- [1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. *EBioMedicine*. 2018 Oct;36:553-562.
- [2]. Masahiro Tomita, et al. Antibody specifically recognizing resin plasticizer compound. WO2005105846A1.

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

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