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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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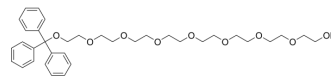
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Tr-PEG8-OH

Cat. No.:	HY-130165
CAS No.:	1144113-16-5
Molecular Formula:	C ₃₅ H ₄₈ O ₉
Molecular Weight:	612.75
Target:	ADC Linker; PROTAC Linkers
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tr-PEG8-OH is a non-cleavable 8 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Tr-PEG8-OH is a PEG-based PROTAC linker can be used in the synthesis of PROTACs.	
IC ₅₀ & Target	Non-cleavable	PEGs
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . 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] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

- [1]. Adam M. Wawro, et al. Multigram chromatography-free synthesis of octa(ethylene glycol) p-toluenesulfonate. ORGANIC CHEMISTRY. 2016 Jul.
- [2]. 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.

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

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