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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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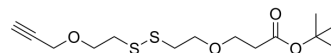
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Propargyl-PEG1-SS-PEG1-C2-Boc

Cat. No.:	HY-130690
CAS No.:	1807518-78-0
Molecular Formula:	C ₁₄ H ₂₄ O ₄ S ₂
Molecular Weight:	320.47
Target:	ADC Linker; PROTAC Linkers
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC
Storage:	Pure form -20°C 3 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	Propargyl-PEG1-SS-PEG1-C2-Boc is a Alkyl/ether-based PROTAC linker can be used in the synthesis of PROTACs. Propargyl-PEG1-SS-PEG1-C2-Boc is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . Propargyl-PEG1-SS-PEG1-C2-Boc is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.		
IC₅₀ & Target	Cleavable Linker	Disulfide Cleavable Linker	Alkyl/ether
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. 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]. Barrientos AG, et al. Gold glyconanoparticles: synthetic polyvalent ligands mimicking glycocalyx-like surfaces as tools for glycobiological studies. Chemistry. 2003 May 9;9(9):1909-21.

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

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