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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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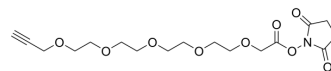
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Propargyl-PEG4-O-C1-NHS ester

Cat. No.:	HY-130390		
CAS No.:	1161883-51-7		
Molecular Formula:	C ₁₇ H ₂₅ NO ₉		
Molecular Weight:	387.38		
Target:	PROTAC Linkers		
Pathway:	PROTAC		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Propargyl-PEG4-O-C1-NHS ester (compound 8) is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Propargyl-PEG4-O-C1-NHS ester is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.		
IC ₅₀ & Target	PEGs	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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

REFERENCES

[1]. Kussrow A, et al. Measurement of monovalent and polyvalent carbohydrate-lectin binding by back-scattering interferometry. Anal Chem. 2009 Jun 15;81(12):4889-97.

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

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