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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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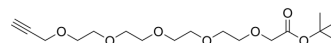
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Propargyl-PEG4-O-C1-Boc

Cat. No.:	HY-130389		
CAS No.:	2098489-63-3		
Molecular Formula:	C ₁₇ H ₃₀ O ₇		
Molecular Weight:	346.42		
Target:	PROTAC Linkers		
Pathway:	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	Propargyl-PEG4-O-C1-Boc is a PEG-based PROTAC linker can be used in the synthesis of PROTACs ^[1] . Propargyl-PEG4-O-C1-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.		
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]. Wurz RP, et al. A "Click Chemistry Platform" for the Rapid Synthesis of Bispecific Molecules for Inducing Protein Degradation. J Med Chem. 2018 Jan 25;61(2):453-461.

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

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