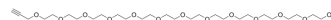


Propargyl-PEG12-OH

Cat. No.:	HY-117045		
CAS No.:	1036204-61-1		
Molecular Formula:	C ₂₇ H ₅₂ O ₁₃		
Molecular Weight:	584.69		
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-PEG12-OH is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Propargyl-PEG12-OH 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
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]. Sandanaraj BS, et al. Rational Design of Supramolecular Dynamic Protein Assemblies by Using a Micelle-Assisted Activity-Based Protein-Labeling Technology. Chemistry. 2018 Oct 26;24(60):16085-16096.

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

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