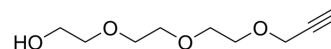


## Propargyl-PEG3-alcohol

Cat. No.:	HY-41921		
CAS No.:	208827-90-1		
Molecular Formula:	C <sub>9</sub> H <sub>16</sub> O <sub>4</sub>		
Molecular Weight:	188.22		
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-PEG3-alcohol is a PEG-based PROTAC linker can be used in the synthesis of PROTACs <sup>[1]</sup> . Propargyl-PEG3-alcohol 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 <sub>50</sub> & 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]. Andrew P. Crew, et al. Brm targeting compounds and associated methods of use. US20190300521A1.

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

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