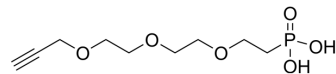


## Propargyl-PEG3-phosphonic acid

Cat. No.:	HY-133049
CAS No.:	1714139-62-4
Molecular Formula:	C <sub>9</sub> H <sub>17</sub> O <sub>6</sub> P
Molecular Weight:	252.2
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Propargyl-PEG3-phosphonic acid is a PEG-based PROTAC linker can be used in the synthesis of PROTACs <sup>[1]</sup> . Propargyl-PEG3-phosphonic acid 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]. Thorsten Heidelberg, et al. Oligo-ethylene glycol based phosphonate surface modification reagents and use thereof. WO2015065168A1.

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

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