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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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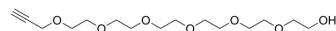
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Propargyl-PEG6-alcohol

| | | | |
|---------------------------|--|-------|----------|
| Cat. No.: | HY-130382 | | |
| CAS No.: | 944560-99-0 | | |
| Molecular Formula: | C ₁₅ H ₂₈ O ₇ | | |
| Molecular Weight: | 320.38 | | |
| 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-PEG6-alcohol is a PEG-based PROTAC linker can be used in the synthesis of PROTACs ^[1] . Propargyl-PEG6-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. |
| IC₅₀ & 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]. Goswami LN, et al. Efficient synthesis of diverse heterobifunctionalized clickable oligo(ethylene glycol) linkers: potential applications in bioconjugation and targeted drug delivery. *Org Biomol Chem*. 2013 Feb 21;11(7):1116-26.

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

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