

Propargyl-PEG10-amine

Cat. No.:	HY-133230
CAS No.:	2112737-25-2
Molecular Formula:	C ₂₃ H ₄₅ NO ₁₀
Molecular Weight:	495.6
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Propargyl-PEG10-amine is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Propargyl-PEG10-amine 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]. Guangrong Zheng, et al. Bcl-2 proteins degraders for cancer treatment. WO2019144117A1.

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

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