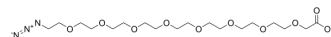


N3-PEG8-CH2COOH

Cat. No.:	HY-130228
CAS No.:	1343472-07-0
Molecular Formula:	C ₁₈ H ₃₅ N ₃ O ₁₀
Molecular Weight:	453.48
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N3-PEG8-CH2COOH is a PEG-based PROTAC linker can be used in the synthesis of PROTACs ^[1] . N3-PEG8-CH2COOH is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN 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 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Steinmetz NF, et al. Intravital imaging of human prostate cancer using viral nanoparticles targeted to gastrin-releasing Peptide receptors. *Small*. 2011 Jun 20;7(12):1664-72.

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

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