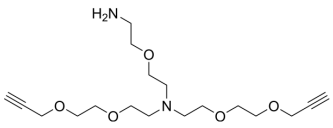
N-(Amino-PEG1)-N-bis(PEG2-propargyl)

Cat. No.:	HY-140086
CAS No.:	2100306-47-4
Molecular Formula:	$C_{18}H_{32}N_2O_5$
Molecular Weight:	356.46
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N-(Amino-PEG1)-N-bis(PEG2-propargyl) is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1]. N-(Amino-PEG1)-N-bis(PEG2-propargyl) 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[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-985.

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