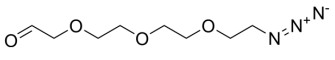
Ald-CH2-PEG3-azide

Cat. No.:	HY-130144
CAS No.:	1002342-83-7
Molecular Formula:	$C_8H_{15}N_3O_4$
Molecular Weight:	217.22
Target:	ADC Linker; PROTAC Linkers
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ald-CH2-PEG3-azide is a cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Ald-CH2-PEG3-azide is a PEG-based PROTAC linker can be used in the synthesis of PROTACs[1]. Ald-CH2-PEG3-azide 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.	
IC_{50} & Target	Cleavable Linker	PEGs
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Harold L. Kohn , et al. Acylhydrazone-based cleavable linkers. WO2010014236A2.

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