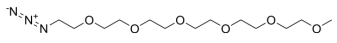
m-PEG6-azide

Cat. No.:	HY-115374
CAS No.:	1043884-49-6
Molecular Formula:	$C_{13}H_{27}N_3O_6$
Molecular Weight:	321.37
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Pure form -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	m-PEG6-azide is a non-cleavable 6 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). m-PEG6-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.
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]. Gauzy, Laurence, et al. Cytotoxic agents comprising new tomaymycin derivatives and their therapeutic use. Patent WO2007085930A1.

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