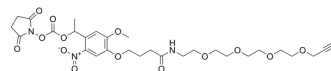


PC Alkyne-PEG4-NHS ester

Cat. No.:	HY-140139		
CAS No.:	1802907-98-7		
Molecular Formula:	C ₂₉ H ₃₉ N ₃ O ₁₄		
Molecular Weight:	653.63		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	PC Alkyne-PEG4-NHS ester is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . PC Alkyne-PEG4-NHS ester is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC₅₀ & Target	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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