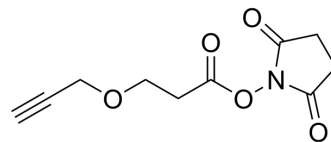


## Propargyl-PEG1-NHS ester

Cat. No.:	HY-126513	
CAS No.:	1174157-65-3	
Molecular Formula:	C <sub>10</sub> H <sub>11</sub> NO <sub>5</sub>	
Molecular Weight:	225	
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



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (444.44 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		4.4444 mL	22.2222 mL	44.4444 mL
5 mM		0.8889 mL	4.4444 mL	8.8889 mL
10 mM		0.4444 mL	2.2222 mL	4.4444 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Propargyl-PEG1-NHS ester is a noncleavable 1-unit PEG linker for antibody-agent-conjugation (ADC). Propargyl-PEG1-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.

#### IC<sub>50</sub> & Target

Non-cleavable Linker

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

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