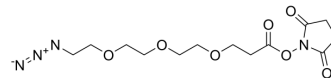


## N3-PEG3-C2-NHS ester

Cat. No.:	HY-126528	
CAS No.:	1245718-89-1	
Molecular Formula:	C <sub>13</sub> H <sub>20</sub> N <sub>4</sub> O <sub>7</sub>	
Molecular Weight:	344.32	
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 (290.43 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9043 mL	14.5214 mL	29.0428 mL
	5 mM	0.5809 mL	2.9043 mL	5.8085 mL
	10 mM	0.2904 mL	1.4521 mL	2.9043 mL

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

### BIOLOGICAL ACTIVITY

#### Description

N3-PEG3-C2-NHS ester is a noncleavable 3-unit PEG linker used in the synthesis of antibody-drug conjugates (ADCs). N3-PEG3-C2-NHS ester 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<sub>50</sub> & Target

Non-cleavable Linker

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA