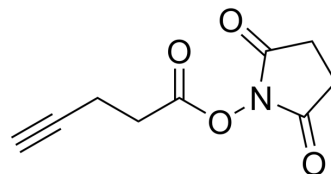


Propargyl-C1-NHS ester

Cat. No.:	HY-126511
CAS No.:	132178-37-1
Molecular Formula:	C ₉ H ₉ NO ₄
Molecular Weight:	195.17
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (512.37 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.1237 mL	25.6187 mL	51.2374 mL
		5 mM	1.0247 mL	5.1237 mL	10.2475 mL
		10 mM	0.5124 mL	2.5619 mL	5.1237 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (12.81 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (12.81 mM); Suspended solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.81 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Propargyl-C1-NHS ester is a noncleavable linker for antibody-agent-conjugation (ADC). Propargyl-C1-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	Non-cleavable Linker

CUSTOMER VALIDATION

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- Anal Chem. 2022 Feb 22;94(7):3352-3359.

See more customer validations on www.MedChemExpress.com

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

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