



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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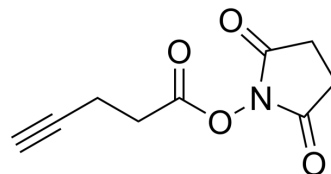
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## Propargyl-C1-NHS ester

<b>Cat. No.:</b>	HY-126511
<b>CAS No.:</b>	132178-37-1
<b>Molecular Formula:</b>	C <sub>9</sub> H <sub>9</sub> NO <sub>4</sub>
<b>Molecular Weight:</b>	195.17
<b>Target:</b>	ADC Linker
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	-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

<b>In Vitro</b>	DMSO : 100 mg/mL (512.37 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		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.					
<b>In Vivo</b>	1. 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				
	2. 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				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.81 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	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.
<b>IC<sub>50</sub> &amp; Target</b>	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](http://www.MedChemExpress.com)

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

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