



# SZABO SCANDIC

Part of Europa Biosite

## 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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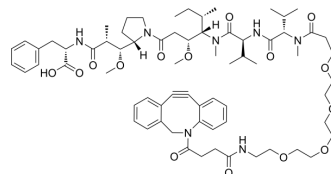
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## DBCO-PEG4-MMAF

<b>Cat. No.:</b>	HY-133492
<b>CAS No.:</b>	2360411-65-8
<b>Molecular Formula:</b>	C <sub>69</sub> H <sub>99</sub> N <sub>7</sub> O <sub>15</sub>
<b>Molecular Weight:</b>	1266.56
<b>Target:</b>	Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	Powder    -20°C    3 years 4°C        2 years



\* The compound is unstable in solutions, freshly prepared is recommended.

### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 200 mg/mL (157.91 mM; Need ultrasonic)					
		Solvent Concentration	Mass			
	<b>Preparing Stock Solutions</b>			1 mg	5 mg	10 mg
		1 mM		0.7895 mL	3.9477 mL	7.8954 mL
		5 mM		0.1579 mL	0.7895 mL	1.5791 mL
	10 mM		0.0790 mL	0.3948 mL	0.7895 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: 5 mg/mL (3.95 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 5 mg/mL (3.95 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (3.95 mM); Clear solution					

### BIOLOGICAL ACTIVITY

<b>Description</b>	DBCO-PEG4-MMAF is a agent-linker conjugate for ADC with potent antitumor activity by using the tubulin polymerization inhibitor, MMAF, linked via the cleavable linker DBCO-PEG4. DBCO-PEG4-MMAF is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups.
<b>IC<sub>50</sub> &amp; Target</b>	Auristatin

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

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