



# 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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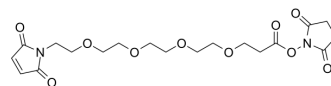
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## Mal-PEG4-NHS ester

Cat. No.:	HY-126505		
CAS No.:	1325208-25-0		
Molecular Formula:	C <sub>19</sub> H <sub>26</sub> N <sub>2</sub> O <sub>10</sub>		
Molecular Weight:	442.42		
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 (226.03 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	2.2603 mL	11.3015 mL	22.6030 mL
		5 mM	0.4521 mL	2.2603 mL	4.5206 mL
10 mM		0.2260 mL	1.1301 mL	2.2603 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.08 mg/mL (4.70 mM); Suspended solution; Need ultrasonic  2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.70 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Mal-PEG4-NHS ester is a non-cleavable ADC linker which links Quantum dots (QDs) with PEGylated liposomes <sup>[1]</sup> .
IC <sub>50</sub> & Target	Non-cleavable Linker

### REFERENCES

[1]. Mukthavaram R, et al. Assembly and targeting of liposomal nanoparticles encapsulating quantum dots. *Bioconjug Chem.* 2011;22(8):1638-1644.

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

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