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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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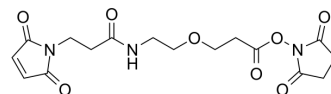
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Mal-amido-PEG1-C2-NHS ester

Cat. No.:	HY-126507
CAS No.:	1260092-50-9
Molecular Formula:	C ₁₆ H ₁₉ N ₃ O ₈
Molecular Weight:	381.34
Target:	ADC Linkers
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (262.23 mM; Need ultrasonic)					
		Solvent Concentration	Mass			
	Preparing Stock Solutions			1 mg	5 mg	10 mg
		1 mM		2.6223 mL	13.1117 mL	26.2233 mL
		5 mM		0.5245 mL	2.6223 mL	5.2447 mL
	10 mM		0.2622 mL	1.3112 mL	2.6223 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 (6.56 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.56 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.56 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	Mal-amido-PEG1-C2-NHS ester is a noncleavable ADC linker containing a maleimide group and an NHS ester. The NHS ester can be used to label the primary amines (-NH ₂) of proteins, amine-modified oligonucleotides, and other amine-containing molecules ^{[1][2]}
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REFERENCES

[1]. Hansen AM, et al. Microwave-assisted solid-phase synthesis of antisense acpP peptide nucleic acid-peptide conjugates active against colistin- and tigecycline-resistant

E. coli and K. pneumoniae. Eur J Med Chem. 2019 Apr 15;168:134-145.

[2]. Zhang ge, et al. Preparation and application of FAPalpha activated polypeptide magnetic nanosphere compound used for diagnosis of tumors. CN105524141A

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

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