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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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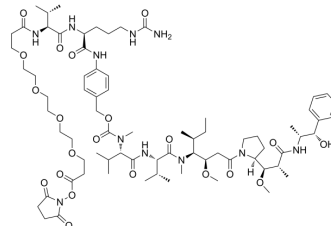
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OSu-PEG4-VC-PAB-MMAE

Cat. No.:	HY-148426
CAS No.:	2762518-86-3
Molecular Formula:	C ₇₄ H ₁₁₇ N ₁₁ O ₂₁
Molecular Weight:	1496.78
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-80°C, protect from light, stored under nitrogen



SOLVENT & SOLUBILITY

In Vitro	DMSO : 80 mg/mL (53.45 mM; Need ultrasonic)					
	H ₂ O : 1.67 mg/mL (1.12 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	0.6681 mL	3.3405 mL	6.6810 mL
			5 mM	0.1336 mL	0.6681 mL	1.3362 mL
10 mM			0.0668 mL	0.3341 mL	0.6681 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 mg/mL (1.34 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2 mg/mL (1.34 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2 mg/mL (1.34 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	OSu-PEG4-VC-PAB-MMAE involves in GDP-FAMp ₄ MMAE (Monomethylauristatin E) synthesis, which is for GDP label via site-specific conjugation ^[1] .
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REFERENCES

[1]. Yang, et al. Preparation of site-specific antibody conjugates: World Intellectual Property Organization, WO2022037665[P]. 2022-02-24.

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

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