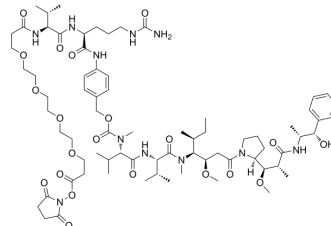


OSu-PEG4-VC-PAB-MMAE

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)
 H₂O : 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

- 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
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2 mg/mL (1.34 mM); Clear solution
- 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-FAMp₄MMAE (Monomethylauristatin E) synthesis, which is for GDP label via site-specific conjugation^[1].

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA