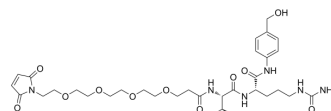


Mal-PEG4-Val-Cit-PAB-OH

Cat. No.:	HY-140143
CAS No.:	2055041-39-7
Molecular Formula:	C ₃₃ H ₅₀ N ₆ O ₁₁
Molecular Weight:	706.78
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (176.86 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.4149 mL	7.0743 mL	14.1487 mL
	5 mM	0.2830 mL	1.4149 mL	2.8297 mL
	10 mM	0.1415 mL	0.7074 mL	1.4149 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	Mal-PEG4-Val-Cit-PAB-OH is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .	
IC₅₀ & Target	Protease Cleavable Linker	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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