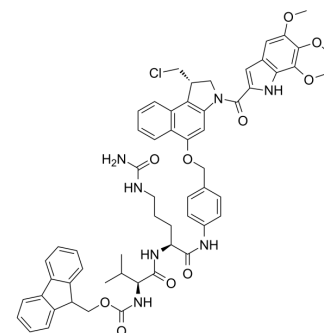


Fmoc-Val-Cit-PAB-Duocarmycin TM

Cat. No.:	HY-126532		
Molecular Formula:	C ₅₈ H ₆₀ ClN ₇ O ₁₀		
Molecular Weight:	1050.59		
Target:	Drug-Linker Conjugates for ADC		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (95.18 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		0.9518 mL	4.7592 mL	9.5185 mL
		5 mM		0.1904 mL	0.9518 mL	1.9037 mL
10 mM		0.0952 mL	0.4759 mL	0.9518 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.38 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Fmoc-Val-Cit-PAB-Duocarmycin TM is a agent-linker conjugate for ADC by using the antitumor antibiotic, Duocarmycin TM, linked via Fmoc-Val-Cit-PAB.
IC₅₀ & Target	Duocarmycins

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

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