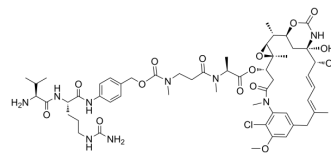


Val-Cit-amide-Cbz-N(Me)-Maytansine

Cat. No.:	HY-156896		
CAS No.:	1628543-59-8		
Molecular Formula:	C ₅₅ H ₇₈ ClN ₉ O ₁₅		
Molecular Weight:	1140.71		
Target:	Drug-Linker Conjugates for ADC		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (87.66 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.8766 mL	4.3832 mL	8.7665 mL
	5 mM	0.1753 mL	0.8766 mL	1.7533 mL
	10 mM	0.0877 mL	0.4383 mL	0.8766 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: ≥ 2.5 mg/mL (2.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (2.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.19 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Val-Cit-amide-Cbz-N(Me)-Maytansine is an antibody and bispecific antigen-binding mol. that bind hepatocyte growth factor receptor c-Met (MET) or antibody-drug conjugates (ADCs)^[1].

REFERENCES

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

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