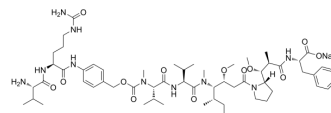


Val-Cit-PAB-MMAF sodium

Cat. No.:	HY-44177
Molecular Formula:	C ₅₈ H ₉₁ N ₁₀ NaO ₁₃
Molecular Weight:	1159.39
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (43.13 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		0.8625 mL	4.3126 mL	8.6252 mL
		5 mM		0.1725 mL	0.8625 mL	1.7250 mL
		10 mM		0.0863 mL	0.4313 mL	0.8625 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 5 mg/mL (4.31 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (4.31 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (4.31 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	Val-Cit-PAB-MMAF sodium is a agent-linker conjugate for ADC. Val-Cit-PAB-MMAF sodium contains the ADCs linker (peptide Val-Cit-PAB) and a potent tubulin polymerization inhibitor MMAF (HY-15579) ^[1]
IC₅₀ & Target	Auristatin

REFERENCES

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

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