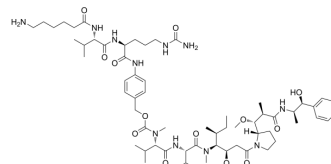


## Aminocaproyl-Val-Cit-PABC-MMAE

<b>Cat. No.:</b>	HY-19697
<b>CAS No.:</b>	1374407-35-8
<b>Molecular Formula:</b>	C <sub>64</sub> H <sub>105</sub> N <sub>11</sub> O <sub>13</sub>
<b>Molecular Weight:</b>	1236.58
<b>Target:</b>	Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	-20°C, sealed storage, away from moisture * The compound is unstable in solutions, freshly prepared is recommended.



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 200 mg/mL (161.74 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	0.8087 mL	4.0434 mL	8.0868 mL
		5 mM	0.1617 mL	0.8087 mL	1.6174 mL
10 mM	0.0809 mL	0.4043 mL	0.8087 mL		
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (2.02 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.02 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.02 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Aminocaproyl-Val-Cit-PABC-MMAE is an Drug-linker conjugate for ADC <sup>[1]</sup> .
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### REFERENCES

[1]. Pavel Strop, et al. Antibody-drug conjugates with high drug loading. Patent. WO2015162563.

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**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](mailto:tech@MedChemExpress.com)

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