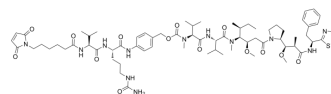


## Vc-MMAD

<b>Cat. No.:</b>	HY-15742		
<b>CAS No.:</b>	1401963-17-4		
<b>Molecular Formula:</b>	C <sub>70</sub> H <sub>104</sub> N <sub>12</sub> O <sub>14</sub> S		
<b>Molecular Weight:</b>	1369.71		
<b>Target:</b>	Microtubule/Tubulin; Drug-Linker Conjugates for ADC		
<b>Pathway:</b>	Cell Cycle/DNA Damage; Cytoskeleton; Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : ≥ 160 mg/mL (116.81 mM)  
 \* "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.7301 mL	3.6504 mL	7.3008 mL
	5 mM	0.1460 mL	0.7301 mL	1.4602 mL
	10 mM	0.0730 mL	0.3650 mL	0.7301 mL

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

## BIOLOGICAL ACTIVITY

### Description

Vc-MMAD consists the ADCs linker (Val-Cit) and potent tubulin inhibitor (MMAD). Vc-MMAD is a agent-linker conjugate for ADC.

### IC<sub>50</sub> & Target

Auristatin

## REFERENCES

[1]. Antibody-drug conjugates Patent: WO 2013068874 A1

---

**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