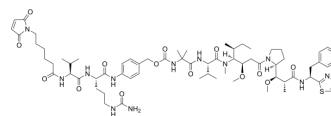


## MC-VC-PABC-Aur0101

<b>Cat. No.:</b>	HY-128955
<b>CAS No.:</b>	1438849-92-3
<b>Molecular Formula:</b>	C <sub>68</sub> H <sub>100</sub> N <sub>12</sub> O <sub>14</sub> S
<b>Molecular Weight:</b>	1341.66
<b>Target:</b>	Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (74.53 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		0.7453 mL	3.7267 mL	7.4535 mL
	5 mM		0.1491 mL	0.7453 mL	1.4907 mL
	10 mM		0.0745 mL	0.3727 mL	0.7453 mL

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

### BIOLOGICAL ACTIVITY

#### Description

MC-VC-PABC-Aur0101 is a agent-linker conjugate for ADC with potent antitumor activity by using Aur0101 (an auristatin microtubule inhibitor), linked via the ADC linker MC-VC-PABC.

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

Auristatin

#### In Vitro

MC-VC-PABC-Aur0101 is protease-cleavable<sup>[1]</sup>.  
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Samantha Congreve, et al. Antibody drug conjugates (ADC) Current status and mapping of ADC:s in clinical programs.

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

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