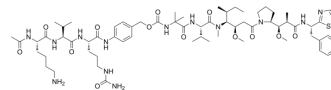


## AcLys-PABC-VC-Aur0101

<b>Cat. No.:</b>	HY-111554
<b>CAS No.:</b>	1438851-17-2
<b>Molecular Formula:</b>	C <sub>66</sub> H <sub>103</sub> N <sub>13</sub> O <sub>13</sub> S
<b>Molecular Weight:</b>	1318.67
<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>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (75.83 mM; Need ultrasonic)				
	<b>Preparing Stock Solutions</b>	<b>Solvent</b> \ <b>Concentration</b> \ <b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>1 mM</b>	0.7583 mL	3.7917 mL	7.5834 mL
		<b>5 mM</b>	0.1517 mL	0.7583 mL	1.5167 mL
		<b>10 mM</b>	0.0758 mL	0.3792 mL	0.7583 mL
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 2.5 mg/mL (1.90 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (1.90 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (1.90 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	AcLys-PABC-VC-Aur0101 is a agent-linker conjugate for ADC (anti-CXCR4 ADC) with potent antitumor activity by using Aur0101 (an auristatin microtubule inhibitor), linked via the cleavable linker AcLys-PABC-VC <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Auristatin

### REFERENCES

**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