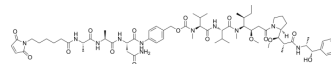


## Mc-Alanyl-Alanyl-Asparagine-PAB-MMAE

<b>Cat. No.:</b>	HY-147204
<b>CAS No.:</b>	1638970-46-3
<b>Molecular Formula:</b>	C <sub>67</sub> H <sub>101</sub> N <sub>11</sub> O <sub>16</sub>
<b>Molecular Weight:</b>	1316.58
<b>Target:</b>	Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	4°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

#### In Vitro

DMSO : 180 mg/mL (136.72 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.7595 mL	3.7977 mL	7.5954 mL
	5 mM		0.1519 mL	0.7595 mL	1.5191 mL
	10 mM		0.0760 mL	0.3798 mL	0.7595 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Mc-Alanyl-Alanyl-Asparagine-PAB-MMAE (compound S6) is a potent anticancer agent, which can be specific activated by tumor microenvironment. Mc-Alanyl-Alanyl-Asparagine-PAB-MMAE can suppress tumor growth in mice (extracted from patent CN104147612A)<sup>[1]</sup>.

#### In Vivo

Mc-Alanyl-Alanyl-Asparagine-PAB-MMAE (compound S6) (26.2 micro-rubbing/kg, IV, weekly for 4 weeks) suppresses tumor growth in mice bearing Panc-1 tumor<sup>[1]</sup>.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Liu Chen, et al. Tumor microenvironment specific activated micromolecular targeted conjugate and application thereof. CN104147612A.

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

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