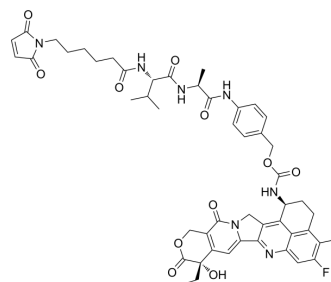


## MC-VA-PAB-Exatecan

<b>Cat. No.:</b>	HY-147270
<b>CAS No.:</b>	2680543-57-9
<b>Molecular Formula:</b>	C <sub>50</sub> H <sub>54</sub> FN <sub>7</sub> O <sub>11</sub>
<b>Molecular Weight:</b>	948
<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 and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (105.49 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.0549 mL	5.2743 mL	10.5485 mL
5 mM	0.2110 mL	1.0549 mL	2.1097 mL
10 mM	0.1055 mL	0.5274 mL	1.0549 mL

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

### BIOLOGICAL ACTIVITY

#### Description

MC-VA-PAB-Exatecan is a agent-linker conjugate for ADC. MC-VA-PAB-Exatecan contains the ADC linker (peptide MC-VA-PAB) and a DNA topoisomerase I inhibitor Exatecan (HY-13631). MC-VA-PAB-Exatecan synthesized ADC shows good antitumor activity<sup>[1]</sup>.

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

Camptothecins

### REFERENCES

[1]. KRAIEM, et al. Treatment of cancer. WO2021151984A1.

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

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