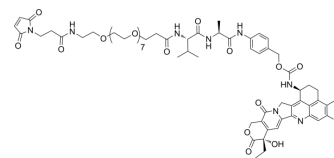


## Mal-PEG8-Val-Ala-PAB-Exatecan

<b>Cat. No.:</b>	HY-147271
<b>CAS No.:</b>	2679821-39-5
<b>Molecular Formula:</b>	C <sub>54</sub> H <sub>61</sub> FN <sub>8</sub> O <sub>14</sub>
<b>Molecular Weight:</b>	1329.42
<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 (75.22 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.7522 mL	3.7610 mL	7.5221 mL
	5 mM	0.1504 mL	0.7522 mL	1.5044 mL
	10 mM	0.0752 mL	0.3761 mL	0.7522 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Mal-PEG8-Val-Ala-PAB-Exatecan (Compound 9b) is an antibody-drug conjugate linker (ADC linker) that binds to Nectin-4 polypeptides conjugated to chemotherapeutic agents. Mal-PEG8-Val-Ala-PAB-Exatecan can be used for cancer research<sup>[1]</sup>.

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

Protease Cleavable

### REFERENCES

[1]. Manel KRAIEM. Treatment of cancer. WO2021151984A1.

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

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