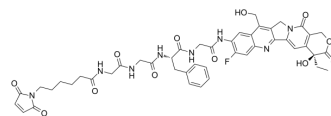


## MC-GGFG-(7ethanol-10NH2-11F-Camptothecin)

<b>Cat. No.:</b>	HY-156515
<b>CAS No.:</b>	2987937-38-0
<b>Molecular Formula:</b>	C <sub>46</sub> H <sub>47</sub> FN <sub>8</sub> O <sub>12</sub>
<b>Molecular Weight:</b>	922.91
<b>Target:</b>	Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 110 mg/mL (119.19 mM; Need ultrasonic)					
	<b>Preparing Stock Solutions</b>	<b>Solvent</b>	<b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>Concentration</b>				
		<b>1 mM</b>		1.0835 mL	5.4176 mL	10.8353 mL
		<b>5 mM</b>		0.2167 mL	1.0835 mL	2.1671 mL
<b>10 mM</b>		0.1084 mL	0.5418 mL	1.0835 mL		
Please refer to the solubility information to select the appropriate solvent.						
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.75 mg/mL (2.98 mM); Clear solution					

### BIOLOGICAL ACTIVITY

<b>Description</b>	MC-GGFG-(7ethanol-10NH2-11F-Camptothecin) (compound 141) is a drug-linker conjugates for ADC. MC-GGFG-(7ethanol-10NH2-11F-Camptothecin) is a MC-GGFG-(7ethanol-10NH2-11F-Camptothecin) with protease cleavable MC-GGFG linker <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Camptothecins

### REFERENCES

[1]. Jeffrey A. Toretzky, et al. Camptothecin analogues, conjugates and methods of use. WO2022246576A1.

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

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