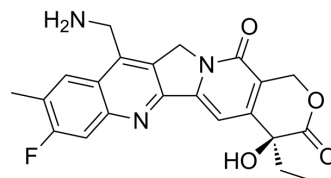


## 7-Aminomethyl-10-methyl-11-fluoro camptothecin

<b>Cat. No.:</b>	HY-132160
<b>CAS No.:</b>	2378616-23-8
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>20</sub> FN <sub>3</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	409.41
<b>Target:</b>	ADC Cytotoxin
<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

<b>In Vitro</b>	DMSO : 60 mg/mL (146.55 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	2.4425 mL	12.2127 mL	24.4254 mL
		5 mM	0.4885 mL	2.4425 mL	4.8851 mL
		10 mM	0.2443 mL	1.2213 mL	2.4425 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: ≥ 1.5 mg/mL (3.66 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.5 mg/mL (3.66 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 1.5 mg/mL (3.66 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	7-Aminomethyl-10-methyl-11-fluoro camptothecin is a cytotoxin of MC-AAA-NHCH <sub>2</sub> OCH <sub>2</sub> COO-7-aminomethyl-10-methyl-11-fluoro camptothecin (HY-132158). 7-Aminomethyl-10-methyl-11-fluoro camptothecin can be used for the synthesis of camptothecin antibody-drug conjugate (ADC) <sup>[1]</sup> .
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### REFERENCES

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

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