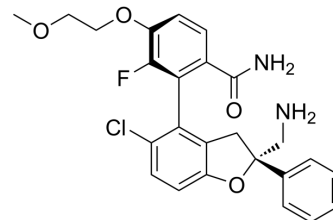


## YAP-TEAD-IN-2

<b>Cat. No.:</b>	HY-151525		
<b>CAS No.:</b>	2714432-83-2		
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>24</sub> ClFN <sub>2</sub> O <sub>4</sub>		
<b>Molecular Weight:</b>	470.92		
<b>Target:</b>	YAP		
<b>Pathway:</b>	Stem Cell/Wnt		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (212.35 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1235 mL	10.6175 mL	21.2350 mL
	5 mM	0.4247 mL	2.1235 mL	4.2470 mL
	10 mM	0.2124 mL	1.0618 mL	2.1235 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: 2.5 mg/mL (5.31 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: 2.5 mg/mL (5.31 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: 2.5 mg/mL (5.31 mM); Clear solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

#### Description

YAP-TEAD-IN-2 (compound 6) is a potent YAP-TEAD PPI (protein-protein interaction) inhibitor with IC<sub>50</sub> is 2.7 nM<sup>[1]</sup>.

#### In Vitro

YAP-TEAD-IN-2  
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

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

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