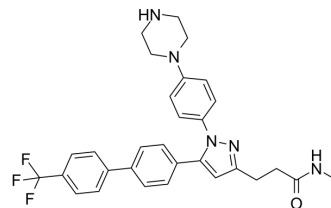


## ILK-IN-2

<b>Cat. No.:</b>	HY-18676B		
<b>CAS No.:</b>	1333146-24-9		
<b>Molecular Formula:</b>	C <sub>30</sub> H <sub>30</sub> F <sub>3</sub> N <sub>3</sub> O		
<b>Molecular Weight:</b>	533.59		
<b>Target:</b>	Integrin		
<b>Pathway:</b>	Cytoskeleton		
<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 : 50 mg/mL (93.70 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.8741 mL	9.3705 mL	18.7410 mL
	5 mM	0.3748 mL	1.8741 mL	3.7482 mL
	10 mM	0.1874 mL	0.9370 mL	1.8741 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: ≥ 5 mg/mL (9.37 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 5 mg/mL (9.37 mM); Clear solution

## BIOLOGICAL ACTIVITY

### Description

ILK-IN-2 (OSU-T315 analog) is a ILK inhibitor.

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

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