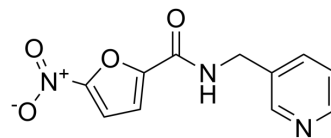


## CCCI-01

Cat. No.:	HY-120284		
CAS No.:	215778-97-5		
Molecular Formula:	C <sub>11</sub> H <sub>9</sub> N <sub>3</sub> O <sub>4</sub>		
Molecular Weight:	247.21		
Target:	Others		
Pathway:	Others		
Storage:	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 (404.51 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.0451 mL	20.2257 mL	40.4514 mL
	5 mM	0.8090 mL	4.0451 mL	8.0903 mL
	10 mM	0.4045 mL	2.0226 mL	4.0451 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 (10.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (10.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (10.11 mM); Clear solution

## BIOLOGICAL ACTIVITY

### Description

CCCI-01 is a centrosome clustering inhibitor. CCCI-01 has selective effects on cancer. CCCI-01 can be used for the research of non-cross-resistant anti-cancer agents with blocking centrosome clustering<sup>[1]</sup>.

## REFERENCES

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

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