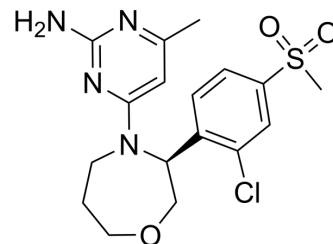


## M3913

<b>Cat. No.:</b>	HY-153359		
<b>CAS No.:</b>	2379783-62-5		
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>21</sub> ClN <sub>4</sub> O <sub>3</sub> S		
<b>Molecular Weight:</b>	396.89		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<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 (251.96 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5196 mL	12.5979 mL	25.1959 mL
5 mM	0.5039 mL	2.5196 mL	5.0392 mL
10 mM	0.2520 mL	1.2598 mL	2.5196 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 (6.30 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 (6.30 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: 2.5 mg/mL (6.30 mM); Clear solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

#### Description

M3913 is an antitumor compound. M3913 has antiproliferation activity against cancer cells<sup>[1]</sup>.

### REFERENCES

[1]. Yu Henry, et al. Preparation of substituted oxazepanyl pyrimidinamines as antiproliferation compounds. United States, US20190322658 A1. 2019-10-24.

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

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