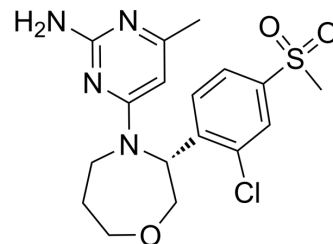


(R)-M3913

Cat. No.:	HY-154809		
CAS No.:	2379783-61-4		
Molecular Formula:	C ₁₇ H ₂₁ ClN ₄ O ₃ S		
Molecular Weight:	396.89		
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 (251.96 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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
- 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

(compound C-155) is an enantiomer of M3913. M3913 (HY-153359) is an antitumor compound. M3913 has antiproliferation activity against cancer cells^[1].

REFERENCES

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

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