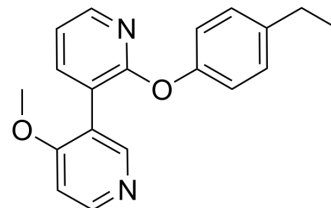


Rolusafine

Cat. No.:	HY-148797		
CAS No.:	2089153-78-4		
Molecular Formula:	C ₁₉ H ₁₈ N ₂ O ₂		
Molecular Weight:	306.36		
Target:	Fungal		
Pathway:	Anti-infection		
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 (326.41 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.2641 mL	16.3207 mL	32.6413 mL
	5 mM		0.6528 mL	3.2641 mL	6.5283 mL
	10 mM		0.3264 mL	1.6321 mL	3.2641 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 (8.16 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (8.16 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Rolusafine is an antifungal agent^[1].

REFERENCES

- [1]. WHO Drug Information-World Health Organization (WHO).

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

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