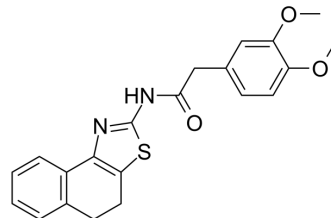


ZINC00881524

Cat. No.:	HY-101244		
CAS No.:	557782-81-7		
Molecular Formula:	C ₂₁ H ₂₀ N ₂ O ₃ S		
Molecular Weight:	380.46		
Target:	ROCK		
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (262.84 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.6284 mL	13.1420 mL	26.2840 mL
5 mM	0.5257 mL	2.6284 mL	5.2568 mL
10 mM	0.2628 mL	1.3142 mL	2.6284 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 (6.57 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (6.57 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (6.57 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

ZINC00881524 is a ROCK inhibitor.

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

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