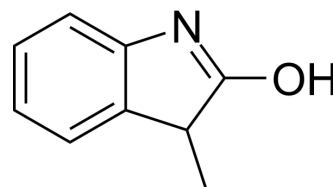


3-Methylindolin-2-one

Cat. No.:	HY-W017490		
CAS No.:	1504-06-9		
Molecular Formula:	C ₉ H ₉ NO		
Molecular Weight:	147		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
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 : 50 mg/mL (340.14 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent</div> <div>Concentration</div>	Mass	1 mg	5 mg	10 mg
		1 mM		6.8027 mL	34.0136 mL	68.0272 mL
		5 mM		1.3605 mL	6.8027 mL	13.6054 mL
		10 mM		0.6803 mL	3.4014 mL	6.8027 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (17.01 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (17.01 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (17.01 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	3-Methylindolin-2-one is an endogenous metabolite.
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Caution: Product has not been fully validated for medical applications. For research use only.

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