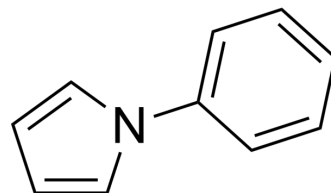


1-Phenylpyrrole

Cat. No.:	HY-124891		
CAS No.:	635-90-5		
Molecular Formula:	C ₁₀ H ₉ N		
Molecular Weight:	143.19		
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 (698.37 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		6.9837 mL	34.9186 mL	69.8373 mL
		5 mM		1.3967 mL	6.9837 mL	13.9675 mL
		10 mM		0.6984 mL	3.4919 mL	6.9837 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 (17.46 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (17.46 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (17.46 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	1-Phenylpyrrole (N-Phenylpyrrole) has dual fluorescent properties. 1-Phenylpyrrole displays a single band in nonpolar solvents and a second red-shifted fluorescent band in polar solvents ^[1] .
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REFERENCES

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

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