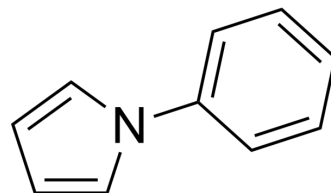


1-Phenylpyrrole

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)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	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	<ol style="list-style-type: none"> 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 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 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA