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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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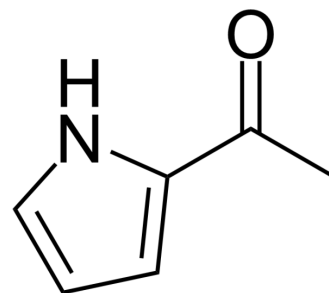
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2-Acetylpyrrole

Cat. No.:	HY-W012956		
CAS No.:	1072-83-9		
Molecular Formula:	C ₆ H ₇ NO		
Molecular Weight:	109.13		
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 (916.34 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	9.1634 mL	45.8169 mL	91.6338 mL
	5 mM	1.8327 mL	9.1634 mL	18.3268 mL
	10 mM	0.9163 mL	4.5817 mL	9.1634 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 (22.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (22.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (22.91 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

2-Acetylpyrrole is a product of model browning systems, and has been isolated as a major flavour component of many foods [1]. 2-Acetylpyrrole has been used in the synthesis of 2-acetyl-1-pyrroline[2].

REFERENCES

- [1]. C J Wang, et al. Mutagenicity and cytotoxicity of nitroprrole compounds derived from the reaction of 2-acetyl pyrrole with nitrite. Food Chem Toxicol. 1994

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

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