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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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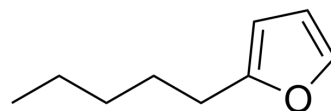
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2-Pentylfuran

Cat. No.:	HY-N7398
CAS No.:	3777-69-3
Molecular Formula:	C ₉ H ₁₄ O
Molecular Weight:	138.21
Target:	Others
Pathway:	Others
Storage:	Pure form -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 (723.54 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		7.2354 mL	36.1768 mL	72.3537 mL
		5 mM		1.4471 mL	7.2354 mL	14.4707 mL
		10 mM		0.7235 mL	3.6177 mL	7.2354 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 (18.09 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (18.09 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (18.09 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	2-Pentylfuran is the compound isolated from steam volatile oils obtained from potatoes at atmospheric pressure ^[1] .
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REFERENCES

[1]. Ron G. Buttery, et al. Characterization of some volatile potato components.

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

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