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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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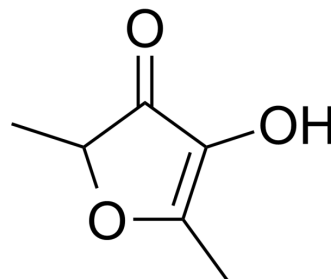
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Furaneol

Cat. No.:	HY-N7093		
CAS No.:	3658-77-3		
Molecular Formula:	C ₆ H ₈ O ₃		
Molecular Weight:	128.13		
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 (780.46 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	7.8046 mL	39.0229 mL	78.0457 mL
	5 mM	1.5609 mL	7.8046 mL	15.6091 mL
	10 mM	0.7805 mL	3.9023 mL	7.8046 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 (19.51 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (19.51 mM); Clear solution			
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (19.51 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Furaneol is mainly isolated from American grape (<i>Vitis labrusca</i>) and its hybrid grape. Furaneol is an important aroma compound in fruits and contribute to the strawberry-like note in some wines ^[1] .
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REFERENCES

[1]. Sasaki K, et al. Molecular cloning and characterization of UDP-glucose: furaneol glucosyltransferase gene from grapevine cultivar Muscat Bailey A (*Vitis labrusca* × *V. vinifera*). *J Exp Bot*. 2015 Oct;66(20):6167-74.

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

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