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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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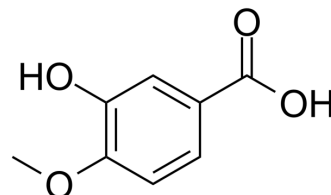
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Isovanillic acid

Cat. No.:	HY-N6864
CAS No.:	645-08-9
Molecular Formula:	C ₈ H ₈ O ₄
Molecular Weight:	168.15
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (594.71 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		5.9471 mL	29.7354 mL	59.4707 mL
		5 mM		1.1894 mL	5.9471 mL	11.8941 mL
		10 mM		0.5947 mL	2.9735 mL	5.9471 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 (14.87 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (14.87 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.87 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Isovanillic acid (3-Hydroxy-4-methoxybenzoic acid) is a phenolic acid isolated from isolated from <i>Scrophularia ningpoensis</i> , with Anti-inflammatory activity ^[1] .
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REFERENCES

[1]. Fernández MA, et al. Anti-inflammatory activity in rats and mice of phenolic acids isolated from *Scrophularia frutescens*. J Pharm Pharmacol. 1998 Oct;50(10):1183-6.

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

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