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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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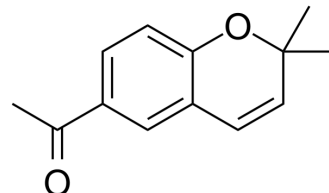
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Demethoxyencecalin

Cat. No.:	HY-77173
CAS No.:	19013-07-1
Molecular Formula:	C ₁₃ H ₁₄ O ₂
Molecular Weight:	202.25
Target:	Fungal
Pathway:	Anti-infection
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 (494.44 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	4.9444 mL	24.7219 mL	49.4438 mL	
		5 mM	0.9889 mL	4.9444 mL	9.8888 mL	
		10 mM	0.4944 mL	2.4722 mL	4.9444 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 (12.36 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Demethoxyencecalin is a chromene isolated from Helianthus annuus, has antifungal activities ^[1] .
IC ₅₀ & Target	IC50: antifungal ^[1]

REFERENCES

[1]. Prats E, et al. Antifungal activity of a new phenolic compound from capitulum of a head rot-resistant sunflower genotype. J Chem Ecol. 2007 Dec;33(12):2245-53. Epub 2007 Nov 22.

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

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