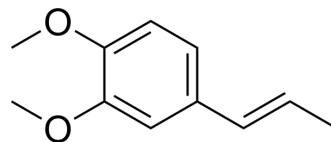


Methyl isoeugenol

Cat. No.:	HY-N2439		
CAS No.:	93-16-3		
Molecular Formula:	C ₁₁ H ₁₄ O ₂		
Molecular Weight:	178.23		
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 (561.07 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	5.6107 mL	28.0536 mL	56.1073 mL
5 mM	1.1221 mL	5.6107 mL	11.2215 mL
10 mM	0.5611 mL	2.8054 mL	5.6107 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Methyl isoeugenol (MIE) is a natural food flavour that can be isolated from *Pimenta pseudocaryophyllus* leaf. Methyl isoeugenol shows anxiolytic and antidepressant like effects. Methyl isoeugenol is orally active^[1].

REFERENCES

[1]. Fajmiroye JO, et al. Anxiolytic and antidepressant like effects of natural food flavour (E)-methyl isoeugenol. *Food Funct.* 2014 Aug;5(8):1819-28.

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

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