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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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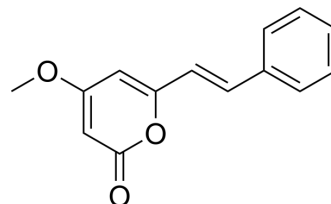
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Desmethoxyyangonin

Cat. No.:	HY-N0918		
CAS No.:	15345-89-8		
Molecular Formula:	C ₁₄ H ₁₂ O ₃		
Molecular Weight:	228.24		
Target:	Monoamine Oxidase		
Pathway:	Neuronal Signaling		
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 : 14.29 mg/mL (62.61 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.3814 mL	21.9068 mL	43.8135 mL
	5 mM		0.8763 mL	4.3814 mL	8.7627 mL
	10 mM		0.4381 mL	2.1907 mL	4.3814 mL

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

BIOLOGICAL ACTIVITY

Description

Desmethoxyyangonin is one of the six major kavalactones found in the Piper methysticum (kava) plant; reversible inhibitor of MAO-B.

REFERENCES

- [1]. Uebelhack R, et al. Inhibition of platelet MAO-B by kava pyrone-enriched extract from Piper methysticum Forster (kava-kava). Pharmacopsychiatry. 1998 Sep;31(5):187-92.
- [2]. Baum SS, et al. Effect of kava extract and individual kavapyrones on neurotransmitter levels in the nucleus accumbens of rats. Prog Neuropsychopharmacol Biol Psychiatry. 1998 Oct;22(7):1105-20.
- [3]. Ma Y, et al. Desmethoxyyangonin and dihydromethysticin are two major pharmacological kavalactones with marked activity on the induction of CYP3A23. Drug Metab Dispos. 2004 Nov;32(11):1317-24.

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

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