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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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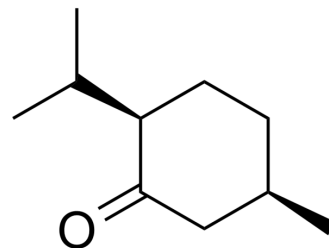
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(+)-Isomenthone

Cat. No.:	HY-N7259		
CAS No.:	1196-31-2		
Molecular Formula:	C ₁₀ H ₁₈ O		
Molecular Weight:	154.25		
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 (648.30 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.4830 mL	32.4149 mL	64.8298 mL
	5 mM	1.2966 mL	6.4830 mL	12.9660 mL
	10 mM	0.6483 mL	3.2415 mL	6.4830 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (16.21 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (16.21 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (16.21 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(+)-Isomenthone is an isomenthone isolated from *Ziziphora clinopodioides* Lam.. (+)-Isomenthone is an isomer of L-Menthone^{[1][2]}.

REFERENCES

[1]. Zhang QH, et al. Essential oils and their compositions as spatial repellents for pestiferous social wasps. *Pest Manag Sci*. 2013 Apr;69(4):542-52.

[2]. XING Si-lei, et al. Essential Oil Compositions and Antioxidant Activities of Two *Ziziphora* Species in Xinjiang. *FOOD SCIENCE*. 2010, Vol. 31 Issue (7): 154-159.

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

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