



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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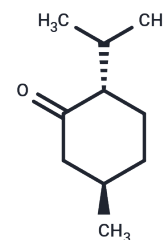
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(-)-Menthone

Chemical Properties

CAS No. :	14073-97-3
Formula:	C ₁₀ H ₁₈ O
Molecular Weight:	154.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(-)-Menthone (Menthone) is a natural product.
Targets(IC50)	Others
In vivo	The high dose of menthone have a good compensatory effect with significant reduction in DNA damages in sperm cells by reversing the adverse effect of ACV on the reproductive system in male rat.

Solubility Information

Solubility	DMSO: 40 mg/mL (259.32 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.483 mL	32.4149 mL	64.8298 mL
5 mM	1.2966 mL	6.483 mL	12.966 mL
10 mM	0.6483 mL	3.2415 mL	6.483 mL
50 mM	0.1297 mL	0.6483 mL	1.2966 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Toghiani S , Roudbari H , Dashti R , et al. The effects of vitamin C and menthone on acyclovir induced DNA damage in rat spermatozoa: An experimental study[J]. International Journal of Reproductive BioMedicine, 2018, 16

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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