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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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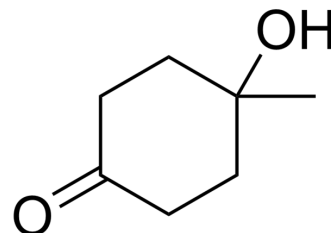
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4-Hydroxy-4-methylcyclohexanone

Cat. No.:	HY-W036733	
CAS No.:	17429-02-6	
Molecular Formula:	C ₇ H ₁₂ O ₂	
Molecular Weight:	128.17	
Target:	Biochemical Assay Reagents	
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 (780.21 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.8021 mL	39.0107 mL	78.0214 mL
	5 mM	1.5604 mL	7.8021 mL	15.6043 mL
	10 mM	0.7802 mL	3.9011 mL	7.8021 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 (19.51 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (19.51 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (19.51 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

4-Hydroxy-4-methylcyclohexanone is a useful synthetic reagent extracted from patent JP2009022162A. 4-Hydroxy-4-methylcyclohexanone can be used to synthesize trans-4-amino-1-methylcyclohexanol which is intermediate of pharmaceutical synthesis^[1].

REFERENCES

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

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