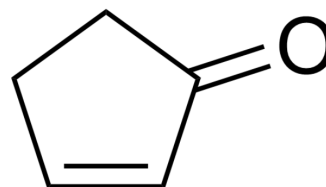


2-Cyclopentenone

Cat. No.:	HY-W010643	
CAS No.:	930-30-3	
Molecular Formula:	C ₅ H ₆ O	
Molecular Weight:	82.1	
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 (1218.03 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	12.1803 mL	60.9013 mL	121.8027 mL
	5 mM	2.4361 mL	12.1803 mL	24.3605 mL
	10 mM	1.2180 mL	6.0901 mL	12.1803 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 (30.45 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (30.45 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (30.45 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Cyclopent-2-enone is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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

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