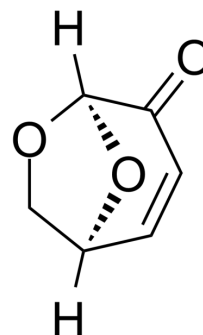


Levogluconone

Cat. No.:	HY-21226
CAS No.:	37112-31-5
Molecular Formula:	C ₆ H ₆ O ₃
Molecular Weight:	126.11
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (792.96 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.9296 mL	39.6479 mL	79.2959 mL
	5 mM	1.5859 mL	7.9296 mL	15.8592 mL
	10 mM	0.7930 mL	3.9648 mL	7.9296 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 (19.82 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (19.82 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (19.82 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Levogluconone 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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