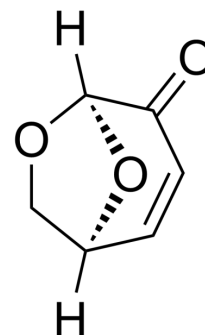


Levogluconone

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	1. 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						
	2. 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						
	3. 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 Levogluconone has unique chemical properties that make it an important intermediate in the production of a wide variety of chemicals, including pharmaceuticals, fragrances and flavorings. Due to its ability to dissolve polar and non-polar compounds, it can also be used as a solvent or fuel additive.
In Vitro	Levogluconone is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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