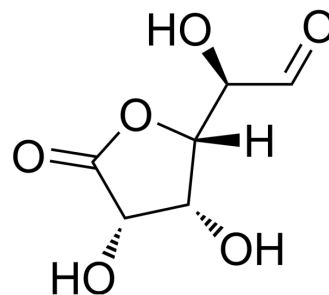


D-Glucuronic acid lactone

Cat. No.:	HY-41982		
CAS No.:	32449-92-6		
Molecular Formula:	C ₆ H ₈ O ₆		
Molecular Weight:	176.12		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (567.79 mM; Need ultrasonic)
 H₂O : 50 mg/mL (283.90 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.6779 mL	28.3897 mL	56.7795 mL
	5 mM	1.1356 mL	5.6779 mL	11.3559 mL
	10 mM	0.5678 mL	2.8390 mL	5.6779 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 (14.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (14.19 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (14.19 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

D-Glucuronic acid lactone is an endogenous metabolite.

IC₅₀ & Target

Human Endogenous Metabolite

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

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