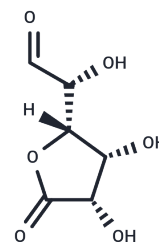


D-Glucuronic acid lactone

Chemical Properties

CAS No. :	32449-92-6
Formula:	C ₆ H ₈ O ₆
Molecular Weight:	176.12
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	D-Glucuronic acid lactone (Dicurone) is a naturally occurring chemical that is an important structural component of nearly all connective tissues. Glucuronolactone is also found in many plant gums.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 60 mg/mL (340.68 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
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	2.839 mL	5.6779 mL
50 mM	0.1136 mL	0.5678 mL	1.1356 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Suzuki S, et al. J Chromatogr Sci. 1998 Jul;36(7):357-60.

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