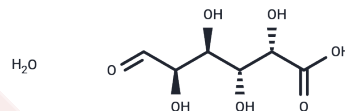


## D-Galacturonic acid hydrate

## Chemical Properties

CAS No. :	91510-62-2
Formula:	C <sub>6</sub> H <sub>12</sub> O <sub>8</sub>
Molecular Weight:	212.15
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	D-(+)-Galacturonic acid is one of the endogenous metabolites.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 55 mg/mL (259.25 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	4.7136 mL	23.5682 mL	47.1365 mL
5 mM	0.9427 mL	4.7136 mL	9.4273 mL
10 mM	0.4714 mL	2.3568 mL	4.7136 mL
50 mM	0.0943 mL	0.4714 mL	0.9427 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

Klaus, U., et al.: Environ. Sci. Technol., 34, 3514 (2000)

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