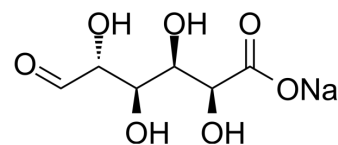


## Guluronic acid sodium

Cat. No.:	HY-N7700A
Molecular Formula:	C <sub>6</sub> H <sub>9</sub> NaO <sub>7</sub>
Molecular Weight:	216.12
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 62.5 mg/mL (289.19 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.6271 mL	23.1353 mL	46.2706 mL
	5 mM		0.9254 mL	4.6271 mL	9.2541 mL
	10 mM		0.4627 mL	2.3135 mL	4.6271 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Guluronic acid sodium is an uronic acid monosaccharide and a glucuronic acid diastereoisomer. Guluronic acid sodium is a nonsteroidal anti-inflammatory agent<sup>[1]</sup>.

### CUSTOMER VALIDATION

- Int J Biol Macromol. 2023 Nov 13:127870.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Amaniampong PN, et al. Selective and Catalyst-free Oxidation of D-Glucose to D-Glucuronic acid induced by High-Frequency Ultrasound. Sci Rep. 2017 Jan 13;7:40650.

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

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