



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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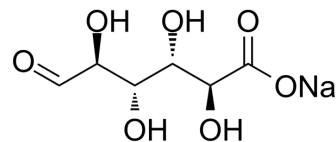
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## D-Mannuronic acid sodium

Cat. No.:	HY-N7703
CAS No.:	921-56-2
Molecular Formula:	C <sub>6</sub> H <sub>9</sub> NaO <sub>7</sub>
Molecular Weight:	216.12
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 250 mg/mL (1156.76 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	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

D-Mannuronic acid sodium, isolated from *Macrocystis pyrifera*, has the potential in autoimmune encephalomyelitis (EAE), adjuvant induced arthritis (AIA), nephrotic syndrome, and acute glomerulonephritis studies<sup>[1]</sup>.

### REFERENCES

[1]. Mohammad Javad Fattahi, et al. Preclinical assessment of β-d-mannuronic acid (M2000) as a non-steroidal anti-inflammatory drug. *Immunopharmacol Immunotoxicol.* 2015;37(6):535-40.

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

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