
Product Data Sheet

Product Name: D-Mannuronic acid sodium

Cat. No.: GC60786

Chemical Properties

Cas. No. 921-56-2

SMILES O=C[C@H]([C@H]([C@@H]([C@@H](C(O[Na])=O)O)O)O)OFormula $C_6H_9NaO_7$ M.Wt 216.12Solubility H_2O : 250 mg/mL (1156.76 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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[1].

[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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