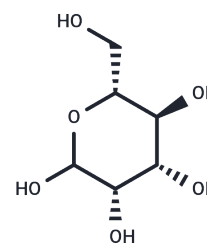


## D-Mannopyranose

## Chemical Properties

CAS No. :	530-26-7
Formula:	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight:	180.17
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	D-Mannopyranose is a hexose or fermentable monosaccharide and isomer of glucose from manna, the ash Fraxinus ornus and related plants.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 131 mg/mL (727.09 mM),Sonication is recommended. H2O: 33.33 mg/mL (184.99 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	5.5503 mL	27.7516 mL	55.5031 mL
5 mM	1.1101 mL	5.5503 mL	11.1006 mL
10 mM	0.555 mL	2.7752 mL	5.5503 mL
50 mM	0.111 mL	0.555 mL	1.1101 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Dengler EC, et al.J Neuroinflammation. 2014 May 21;11:92.

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