

## Mannan

## Chemical Properties

CAS No. : 9036-88-8

Formula:

Molecular Weight:

Keep away from direct sunlight

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	Mannan is isolated from algae, mushrooms, yeast and higher plants and acts as an immunomodulator. Mannan inhibits the pro-inflammatory activity of hepatic macrophages (M1 lineage) with protective effects against many liver lesions such as necrosis or steatosis.
Targets(IC50)	Endogenous Metabolite, Antibacterial, glycosidase, Interleukin, ROS

## Solubility Information

Solubility	H2O: 30 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Tiwari UP, et al. The role of oligosaccharides and polysaccharides of xylan and mannan in gut health of monogastric animals. J Nutr Sci. 2020 Jun 15;9:e21.

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