



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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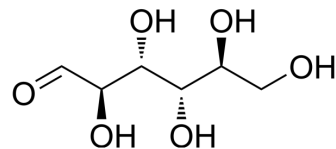
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L-Mannose

Cat. No.:	HY-W016508
CAS No.:	10030-80-5
Molecular Formula:	C ₆ H ₁₂ O ₆
Molecular Weight:	180.16
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

L-Mannose is a monosaccharide. L-Mannose can be used as the substrate of mannose-6-phosphate isomerase^{[1][2]}.

REFERENCES

[1]. Yeom SJ, et al. Substrate specificity of a mannose-6-phosphate isomerase from *Bacillus subtilis* and its application in the production of L-ribose. *Appl Environ Microbiol.* 2009 Jul;75(14):4705-10.

[2]. Jin HF, et al. On-line concentration and separation of multiple derivatized monosaccharides from edible fruit with cyclodextrin-encapsulated sweeping by micellar electrokinetic chromatography. *J Chromatogr A.* 2024 Jan 11;1714:464563.

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

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