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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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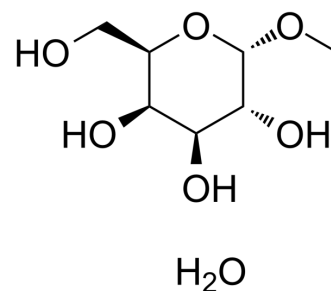
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Methyl α -D-galactopyranoside monohydrate

Cat. No.:	HY-W089785
CAS No.:	34004-14-3
Molecular Formula:	C ₇ H ₁₆ O ₇
Molecular Weight:	212.2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description Methyl α -D-galactopyranoside monohydrate is an alpha-D-galactoside having a methyl substituent at the anomeric position. Methyl α -D-galactopyranoside inhibits debaryomyces hansenii UFV-1 extracellular and intracellular α -galactosidases with K_i values of 0.82 and 1.12 mM, respectively^[1].

IC₅₀ & Target IC₅₀: α -galactosidase^[1]

REFERENCES

[1]. Hong-bin Xie, et al. Computational studies of protonated β -D-galactose and its hydrated complex: structures, interactions, proton transfer dynamics, and spectroscopy. J Phys Chem B. 2012 Apr 26;116(16):4851-9.

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

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