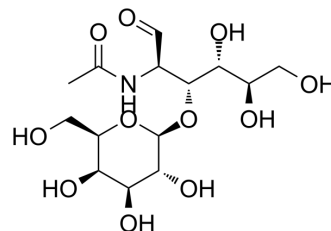


Lacto-N-biose I

Cat. No.:	HY-141488
CAS No.:	50787-09-2
Molecular Formula:	C ₁₄ H ₂₅ NO ₁₁
Molecular Weight:	383.35
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lacto-N-biose I (Galβ1-3GlcNAc), as an endogenous metabolite, is an acceptor for the α1,2-fucosyltransferase enzyme from <i>Helicobacter pylori</i> ^[1] .
In Vitro	Lacto-N-biose I is an acceptor for the α1,2-fucosyltransferase enzyme from <i>Helicobacter pylori</i> ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Valli M, et al. Beta-1,3-galactosyltransferase and alpha-1,2-fucosyltransferase involved in the biosynthesis of type-1-chain carbohydrate antigens in human colon adenocarcinoma cell lines. *Eur J Biochem.* 1998;256(2):494-501.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA