
Product Data Sheet

Product Name: Lacto-N-biose I

Cat. No.: GC63037

Chemical Properties

Cas. No. 50787-09-2

Formula $C_{14}H_{25}NO_{11}$ M.Wt 383.35

Solubility Storage

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Lacto-N-biose I (Gal β 1-3GlcNAc), as an endogenous metabolite, is an acceptor for the α 1,2-fucosyltransferase enzyme from *Helicobacter pylori*[1].

Lacto-N-biose I is an acceptor for the α 1,2-fucosyltransferase enzyme from *Helicobacter pylori*[1].

[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.

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