

Product Data Sheet

Product Name: Lacto-N-difucotetraose

Cat. No.: GF10388

Chemical Properties

Cas. No. 20768-11-0

Formula C₂₄H₄₂O₁₉

M.Wt 634.58

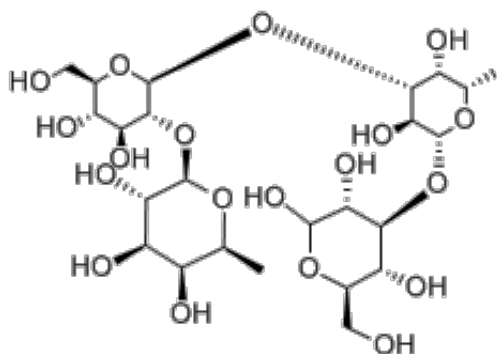
Solubility

Storage -20°C

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

Lactodifucotetraose (Difucosyllactose) is a tetrasaccharide isolated from human milk. Lactodifucotetraose constitutes of D-glucose, 1 D-galactose, and L-fucose.

[1]. Kuhn, et al. The lactodifucotetraose of human milk: a contribution to the structural specificity of the blood group substance Leb (Lewis factor b). Justus Liebigs Annalen der Chemie. Volume: 611. Pages: 249-53. Journal 1958.

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

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