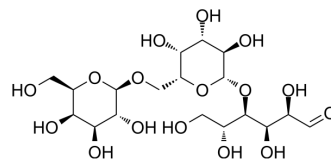


6'-Galactosyllactose

Cat. No.:	HY-N12323
CAS No.:	32581-31-0
Molecular Formula:	C ₁₈ H ₃₂ O ₁₆
Molecular Weight:	504.44
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

6'-Galactosyllactose is the main oligosaccharide that makes up galactose, a component of human milk. 6'-Galactosyllactose can synthesize human milk oligosaccharides and synthetic galactosyllactose with 3'-Galactosyllactose and 4'-Galactosyllactose, and reduce inflammation in human T84, NCM-460 and H4 cells and intestinal tissues^[1].

REFERENCES

[1]. Bing W, et al. Galactosyllactoses in the milk of Japanese women: changes in concentration during the course of lactation[J]. Journal of Applied Glycoscience, 2004, 51(4): 341-344. .

[2]. Newburg DS, Ko JS, Leone S, Nanthakumar NN. Human Milk Oligosaccharides and Synthetic Galactosyloligosaccharides Contain 3'-, 4-, and 6'-Galactosyllactose and Attenuate Inflammation in Human T84, NCM-460, and H4 Cells and Intestinal Tissue Ex Vivo. J Nutr. 2016 Feb;146(2):358-67.

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

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