

neolactotriaosylceramide β -1,4-galactosyltransferase

Cat. No. EXWM-2507

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of glycosyltransferases, specifically the hexosyltransferases.

Synonyms

β 4Gal-T4; UDP-galactose:N-acetyl- β -D-glucosaminyl-(1 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide β -1,4-galactosyltransferase; lactotriaosylceramide β -1,4-galactosyltransferase (incorrect)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.275

Reaction

UDP- α -D-galactose + N-acetyl- β -D-glucosaminyl-(1 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide = UDP + β -D-galactosyl-(1 \rightarrow 4)-N-acetyl- β -D-glucosaminyl-(1 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.