

glucosaminylgalactosylglucosylceramide β -galactosyltransferase

Cat. No. EXWM-2626

Lot. No. (See product label)

Introduction

Description

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

Synonyms

uridine diphosphogalactose-acetyl-glucosaminylgalactosylglucosylceramide galactosyltransferase; GalT-4; paragloboside synthase; glucosaminylgalactosylglucosylceramide 4- β -galactosyltransferase; lactotriaosylceramide 4- β -galactosyltransferase; UDP-galactose:N-acetyl-D-glucosaminyl-1,3-D-galactosyl-1,4-D-glucosylceramide β -D-galactosyltransferase; UDP-Gal:LcOse3Cer(β 1-4)galactosyltransferase; UDP-galactose:N-acetyl-D-glucosaminyl-(1 \rightarrow 3)-D-galactosyl-(1 \rightarrow 4)-D-glucosylceramide 3- β -D-galactosyltransferase; UDP-galactose:N-acetyl- β -D-glucosaminyl-(1 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosylceramide 3- β -D-galactosyltransferase; UDP-galactose:N-acetyl- β -D-glucosaminyl-(1 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl(1 \leftrightarrow 1)ceramide 3- β -D-galactosyltransferase; UDP-galactose:N-acetyl- β -D-glucosaminyl-(1 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide 3- β -D-galactosyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.86

CAS No.

9073-46-5

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 3)-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.