

globoside α -N-acetylgalactosaminyltransferase

Cat. No. EXWM-2628

Lot. No. (See product label)

Introduction

Description

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

Synonyms

uridine diphosphoacetylgalactosamine-globoside α -acetylgalactosaminyltransferase; Forssman synthase; globoside acetylgalactosaminyltransferase; UDP-N-acetyl-D-galactosamine:N-acetyl-D-galactosaminyl-1,3-D-galactosyl-1,4-D-galactosyl-1,4-D-glucosylceramide α -N-acetyl-D-galactosaminyltransferase; UDP-N-acetyl-D-galactosamine:N-acetyl-D-galactosaminyl-(1 \rightarrow 3)-D-galactosyl-(1 \rightarrow 4)-D-galactosyl-(1 \rightarrow 4)-D-glucosyl-(1 \leftrightarrow 1)-ceramide α -N-acetyl-D-galactosaminyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.88

CAS No.

52037-97-5

Reaction

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