

ganglioside galactosyltransferase

Cat. No. EXWM-2605

Lot. No. (See product label)

Introduction

Description

The substrate is also known as ganglioside GM2, the product as ganglioside GM1a

Synonyms

UDP-galactose-ceramide galactosyltransferase; uridine diphosphogalactose-ceramide galactosyltransferase; UDP galactose-LAC Tet-ceramide α -galactosyltransferase; UDP-galactose-GM2 galactosyltransferase; uridine diphosphogalactose-GM2 galactosyltransferase; uridine diphosphate D-galactose:glycolipid galactosyltransferase; UDP-galactose:N-acetylgalactosaminyl-(N-acetylneuraminy) galactosyl-glucosyl-ceramide galactosyltransferase; UDP-galactose-GM2 ganglioside galactosyltransferase; GM1-synthase; UDP-galactose:N-acetyl-D-galactosaminyl-(N-acetylneuraminy)-D-galactosyl-D-glucosyl-N-acylsphingosine β -1,3-D-galactosyltransferase; UDP-galactose:N-acetyl-D-galactosaminyl-(N-acetylneuraminy)-D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-N-acylsphingosine 3- β -D-galactosyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.62

CAS No.

37217-28-0

Reaction

UDP- α -D-galactose + an N-acetyl- β -D-galactosaminyl-(1 \rightarrow 4)-[α -N-acetylneuraminy]-(2 \rightarrow 3)]- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide = UDP + a β -D-galactosyl-(1 \rightarrow 3)-N-acetyl- β -D-galactosaminyl-(1 \rightarrow 4)-[α -N-acetylneuraminy]-(2 \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.