ganglioside galactosyltransferase

Cat. No. EXWM-2605

Lot. No. (See product label)

Introduction

Description	The substrate is also known as gangloside GM2, the product as gangloside 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-acetylneuraminyl) galactosyl-glucosyl-ceramide galactosyltransferase; UDP-galactose-GM2 ganglioside galactosyltransferase; GM1-synthase; UDP-galactose:N-acetyl-D-galactosaminyl-(N-acetylneuraminyl)-D-galactosyl-D-glucosyl-N-acylsphingosine β-1,3-D-galactosyltransferase; UDP-galactose:N-acetyl-D-galactosaminyl-(N-acetylneuraminyl)-D-galactosyl-(1→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→4)-[α-N-acetylneuraminyl-(2→3)]-β-D-galactosyl-(1→4)-β-D-glucosyl-(1↔1)-ceramide = UDP + a β-D-galactosyl-(1→3)-N-acetyl-β-D-galactosaminyl-(1→4)-[α-N-acetylneuraminyl-(2→3)]-β-D-galactosyl-(1→4)-β-D-glucosyl-(1↔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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.