Creative Enzymes®

lactosylceramide 1,3-N-acetyl-β-D-glucosaminyltransferase

Cat. No. EXWM-2433

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of glycosyltransferases, specifically the hexosyltransferases.
Synonyms	LA2 synthase; β1→3-N-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine-lactosylceramide β-acetylglucosaminyltransferase; lactosylceramide β-acetylglucosaminyltransferase; UDP-N-acetyl-D-glucosamine:D-galactosyl-1,4-β-D-glucosylceramide β-1,3-acetylglucosaminyltransferase; UDP-N-acetyl-D-glucosamine:β-D-galactosyl-(1→4)-β-D-glucosyl(1↔1)ceramide 3-β-N-acetylglucosaminyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.206
CAS No.	83682-80-8
Reaction	UDP-N-acetyl-D-glucosamine + β-D-galactosyl-(1→4)-β-D-glucosyl-(1↔1)-ceramide = UDP + N-acetyl-β-D-glucosaminyl-(1→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 ℃.