Creative Enzymes®

lactosylceramide α-2,6-N-sialyltransferase

Cat. No. EXWM-2695

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those glycosyltransferases that do not transfer hexosyl or pentosyl groups.
Synonyms	cytidine monophosphoacetylneuraminate-lactosylceramide sialyltransferase; CMP-acetylneuraminate-lactosylceramide-sialyltransferase; CMP-N-acetylneuraminic acid:lactosylceramide sialyltransferase; CMP-sialic acid:lactosylceramide sialyltransferase; CMP-N-acetylneuraminate:lactosylceramide α-2,6-N-acetylneuraminyltransferase; CMP-N-acetylneuraminate:β-D-galactosyl-(1→4)-β-D-glucosyl(1↔1)ceramide α-(2→6)-N-acetylneuraminyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.99.11
CAS No.	55071-95-9
Reaction	CMP-N-acetylneuraminate + β-D-galactosyl-(1→4)-β-D-glucosyl-(1↔1)-ceramide = CMP + α-N-acetylneuraminyl-(2→6)-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 ℃.