

## monosialoganglioside sialyltransferase

Cat. No. EXWM-2704

Lot. No. (See product label)

### Introduction

#### Description

May be identical with EC 2.4.99.4  $\beta$ -galactoside  $\alpha$ -2,3-sialyltransferase.

#### Synonyms

CMP-N-acetylneuraminate:D-galactosyl-N-acetyl-D-galactosaminy-(N-acetylneuraminy)-(D-galactosyl-D-glucosyl)ceramide N-acetylneuraminytransferase; CMP-N-acetylneuraminate:D-galactosyl-N-acetyl-D-galactosaminy-(N-acetylneuraminy)-(D-galactosyl-D-glucosyl)(1 $\leftrightarrow$ 1)ceramide N-acetylneuraminytransferase; CMP-N-acetylneuraminate:D-galactosyl-N-acetyl-D-galactosaminy-(N-acetylneuraminy)-(D-galactosyl-D-glucosyl-(1 $\leftrightarrow$ 1)-ceramide N-acetylneuraminytransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.99.2

#### CAS No.

60202-12-2

#### Reaction

CMP-N-acetyl- $\beta$ -neuraminate + a  $\beta$ -D-galactosyl-(1 $\rightarrow$ 3)-N-acetyl- $\beta$ -D-galactosaminy-(1 $\rightarrow$ 4)-[ $\alpha$ -N-acetylneuraminy-(2 $\rightarrow$ 3)]- $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucosyl-(1 $\leftrightarrow$ 1)-ceramide = CMP + an N-acetylneuraminy-(2 $\rightarrow$ 3)- $\beta$ -D-galactosyl-(1 $\rightarrow$ 3)-N-acetyl- $\beta$ -D-galactosaminy-(1 $\rightarrow$ 4)-[ $\alpha$ -N-acetylneuraminy-(2 $\rightarrow$ 3)]- $\beta$ -D-galactosyl-(1 $\rightarrow$ 4)- $\beta$ -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.