

lactosylceramide α -2,3-sialyltransferase

Cat. No. EXWM-2713

Lot. No. (See product label)

Introduction

Description

Lactose cannot act as acceptor.

Synonyms

cytidine monophosphoacetylneuraminate-lactosylceramide α 2,3- sialyltransferase; CMP-acetylneuraminate-lactosylceramide-sialyltransferase; CMP-acetylneuraminic acid:lactosylceramide sialyltransferase; CMP-sialic acid:lactosylceramide-sialyltransferase; cytidine monophosphoacetylneuraminate-lactosylceramide sialyltransferase; ganglioside GM3 synthetase; GM3 synthase; GM3 synthetase; SAT 1; CMP-N-acetylneuraminate:lactosylceramide α -2,3-N-acetylneuraminytransferase; CMP-N-acetylneuraminate: β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl(1 \leftrightarrow 1)ceramide α -(2 \rightarrow 3)-N-acetylneuraminytransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.99.9

CAS No.

125752-90-1

Reaction

CMP-N-acetylneuraminate + β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide = CMP + 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.