

N-acetylneuraminylgalactosylglucosylceramide β -1,4-N-acetylgalactosaminyltransferase

Cat. No. EXWM-2390

Lot. No. (See product label)

Introduction

Description Requires Mn²⁺. Only substances containing sialic acid residues can act as acceptors; bovine fetuin is the best acceptor tested.

Synonyms uridine diphosphoacetylgalactosamine-acetylneuraminy(α 2 \rightarrow 3)galactosyl(β 1 \rightarrow 4)glucosyl β 1 \rightarrow 4-acetylgalactosaminyltransferase; UDP-N-acetyl-D-galactosamine:N-acetylneuraminy-2,3- α -D-galactosyl-1,4- β -D-glucosylceramide β -1,4-N-acetylgalactosaminyltransferase; UDP-N-acetyl-D-galactosamine:N-acetylneuraminy-(2 \rightarrow 3)- α -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl(1 \leftrightarrow 1)ceramide 4- β -N-acetylgalactosaminyltransferase; UDP-N-acetyl-D-galactosamine:N-acetylneuraminy-(2 \rightarrow 3)- α -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide 4- β -N-acetylgalactosaminyltransferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.4.1.165

CAS No. 109136-50-7

Reaction UDP-N-acetyl- α -D-galactosamine + α -N-acetylneuraminy-(2 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-(1 \leftrightarrow 1)-ceramide = UDP + N-acetyl- β -D-galactosaminyl-(1 \rightarrow 4)-[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.