

lactosylceramide β -1,3-galactosyltransferase

Cat. No. EXWM-2404

Lot. No. (See product label)

Introduction

Description

R may be an oligosaccharide or a glycolipid; lactose can also act as acceptor, but more slowly. Involved in the elongation of oligosaccharide chains, especially in glycolipids.

Synonyms

uridine diphosphogalactose-lactosylceramide β 1 \rightarrow 3-galactosyltransferase; UDP-galactose:D-galactosyl-1,4- β -D-glucosyl-R β -1,3-galactosyltransferase; UDP-galactose:D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-R 3- β -galactosyltransferase; UDP- α -D-galactose:D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-R 3- β -galactosyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.179

CAS No.

106769-64-6

Reaction

UDP- α -D-galactose + β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-R = UDP + β -D-galactosyl-(1 \rightarrow 3)- β -D-galactosyl-(1 \rightarrow 4)- β -D-glucosyl-R

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.