Creative Enzymes®

lipopolysaccharide 3-α-galactosyltransferase

Cat. No. EXWM-2590

Lot. No. (See product label)

Introduction

Description	Transfers α-D-galactosyl residues to D-glucose in the partially completed core of lipopolysaccharide [cf. EC 2.4.1.56 (lipopolysaccharide N-acetylglucosaminyltransferase), EC 2.4.1.58 (lipopolysaccharide glucosyltransferase I) and EC 2.4.1.73 (lipopolysaccharide glucosyltransferase II)].
Synonyms	UDP-galactose:lipopolysaccharide α,3-galactosyltransferase; UDP-galactose:polysaccharide galactosyltransferase; uridine diphosphate galactose:lipopolysaccharide α-3-galactosyltransferase; uridine diphosphogalactose-lipopolysaccharide α,3-galactosyltransferase; UDP-galactose:lipopolysaccharide 3-α-D-galactosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.44
CAS No.	9073-98-7
Reaction	UDP-α-D-galactose + lipopolysaccharide = UDP + 3-α-D-galactosyl-[lipopolysaccharide glucose]
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 ℃.