Creative Enzymes®

lauroyl-Kdo2-lipid IVA myristoyltransferase

Cat. No. EXWM-2192

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Escherichia coli, is involved in the biosynthesis of the phosphorylated outer membrane glycolipid lipid A.
Synonyms	MsbB acyltransferase; lpxM (gene name); myristoyl-[acyl-carrier protein]:α-Kdo-(2→4)-α-Kdo-(2→6)-(dodecanoyl)-lipid IVA O-myristoyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.243
Reaction	a tetradecanoyl-[acyl-carrier protein] + dodecanoyl-Kdo2-lipid IVA = dodecanoyl-(tetradecanoyl)-Kdo2-lipid IVA + an [acyl-carrier protein]
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 ℃.