

## monoglucosyldiacylglycerol epimerase

Cat. No. EXWM-5421

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, characterized from cyanobacteria, is involved in the biosynthesis of galactolipids found in their photosynthetic membranes.

#### Synonyms

glucolipid epimerase; mgdE (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 5.1.3.34

#### Reaction

a 1,2-diacyl-3-O-( $\beta$ -D-glucopyranosyl)-sn-glycerol = a 1,2-diacyl-3-O-( $\beta$ -D-galactopyranosyl)-sn-glycerol

#### 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.