

diglucosyl diacylglycerol synthase (1,2-linking)

Cat. No. EXWM-2435

Lot. No. (See product label)

Introduction

Description

The enzyme from *Acholeplasma laidlawii* requires Mg²⁺.

Synonyms

monoglucosyl diacylglycerol (1→2) glucosyltransferase; MGlcDAG (1→2) glucosyltransferase; DGlcDAG synthase (ambiguous); UDP-glucose:1,2-diacyl-3-O-(α-D-glucopyranosyl)-sn-glycerol (1→2) glucosyltransferase; diglucosyl diacylglycerol synthase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.208

CAS No.

168680-19-1

Reaction

UDP-α-D-glucose + 1,2-diacyl-3-O-(α-D-glucopyranosyl)-sn-glycerol = 1,2-diacyl-3-O-[α-D-glucopyranosyl-(1→2)-O-α-D-glucopyranosyl]-sn-glycerol + UDP

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.