Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.