Creative Enzymes®

monoglucosyldiacylglycerol synthase

Cat. No. EXWM-2574

Lot. No. (See product label)

Introduction

Description	The enzymes from cyanobacteria are involved in the biosynthesis of galactolipids found in their photosynthetic membranes. The enzyme belongs to the GT2 family of configuration-inverting glycosyltranferases. cf. EC 2.4.1.337, 1,2-diacylglycerol 3-α-glucosyltransferase.
Synonyms	mgdA (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.336
Reaction	UDP-α-D-glucose + a 1,2-diacyl-sn-glycerol = UDP + a 1,2-diacyl-3-O-(β-D-glucopyranosyl)-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.