Creative Enzymes®

sn-glycerol-3-phosphate 1-galactosyltransferase

Cat. No. EXWM-2635

Lot. No. (See product label)

Introduction

Description	The product is hydrolysed by a phosphatase to isofloridoside, which is involved in osmoregulation (cf. EC 2.4.1.137 sn-glycerol-3-phosphate 2-α-galactosyltransferase).
Synonyms	isofloridoside-phosphate synthase; UDP-Gal:sn-glycero-3-phosphoric acid 1-α-galactosyltransferase; UDPgalactose:sn-glycerol-3-phosphate α-D-galactosyltransferase; uridine diphosphogalactose-glycerol phosphate galactosyltransferase; glycerol 3-phosphate 1α-galactosyltransferase; UDP-galactose:sn-glycerol-3-phosphate 1-α-D-galactosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.96
CAS No.	9076-70-4
Reaction	UDP-α-D-galactose + sn-glycerol 3-phosphate = UDP + 1-O-α-D-galactosyl-sn-glycerol 3-phosphate
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 ℃.