Creative Enzymes®

plasmanylethanolamine desaturase

Cat. No. EXWM-1036

Lot. No. (See product label)

Introduction

Description	Requires NADPH or NADH. May involve cytochrome b5. Requires Mg2+ and ATP.
Synonyms	alkylacylglycerophosphoethanolamine desaturase; alkylacylglycero-phosphorylethanolamine dehydrogenase; dehydrogenase, alkyl-acylglycerophosphorylethanolamine; 1-O-alkyl-2-acyl-sn-glycero-3-phosphorylethanolamine desaturase; 1-O-alkyl 2-acyl-sn-glycero-3-phosphorylethanolamine desaturase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.99.19
CAS No.	39391-13-4
Reaction	O-1-alkyl-2-acyl-sn-glycero-3-phosphoethanolamine + AH2 + O2 = O-1-alk-1-enyl-2-acyl-sn-glycero-3-phosphoethanolamine + A + 2 H2O
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 ℃.