

plasmalyethanolamine 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; alkylacylglycerophosphorylethanolamine dehydrogenase; dehydrogenase, alkylacylglycerophosphorylethanolamine; 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.