

cyclopropane-fatty-acyl-phospholipid synthase

Cat. No. EXWM-1980

Lot. No. (See product label)

Introduction

Description

The enzyme adds a methylene group across the 9,10 position of a Δ^9 -olefinic acyl chain in phosphatidylethanolamine or, more slowly, phosphatidylglycerol or phosphatidylinositol, forming a cyclopropane derivative (cf. EC 2.1.1.16 methylene-fatty-acyl-phospholipid synthase).

Synonyms

cyclopropane synthetase; unsaturated-phospholipid methyltransferase; cyclopropane synthase; cyclopropane fatty acid synthase; cyclopropane fatty acid synthetase; CFA synthase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.79

CAS No.

51845-48-8

Reaction

S-adenosyl-L-methionine + phospholipid olefinic fatty acid = S-adenosyl-L-homocysteine + phospholipid cyclopropane fatty acid

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.