Creative Enzymes®

methylene-fatty-acyl-phospholipid synthase

Cat. No. EXWM-1756

Lot. No. (See product label)

Introduction

Description	The enzyme transfers a methyl group to the 10-position of a Δ-olefinic acyl chain in phosphatidylglycerol or phosphatidylinositol or, more slowly, phosphatidylethanolamine; subsequent proton transfer produces a 10-methylene group (cf. EC 2.1.1.79 cyclopropane-fatty-acyl-phospholipid synthase).
Synonyms	unsaturated-phospholipid methyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.16
CAS No.	37256-90-9
Reaction	S-adenosyl-L-methionine + phospholipid olefinic fatty acid = S-adenosyl-L-homocysteine + phospholipid methylene 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.