Creative Enzymes®

glycerophospholipid acyltransferase (CoA-dependent)

Cat. No. EXWM-2087

Lot. No. (See product label)

Introduction

Description	Catalyses the transfer of fatty acids from intact choline- or ethanolamine-containing glycerophospholipids to the sn-2 position of a lyso-glycerophospholipid. The organyl group on sn-1 of the donor or acceptor molecule can be alkyl, acyl or alk-1-enyl. The term radyl has sometimes been used to refer to such substituting groups. Differs from EC 2.3.1.147 glycerophospholipid arachidonoyl-transferase (CoA-independent) in requiring CoA and not favouring the transfer of polyunsaturated acyl groups.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.148
CAS No.	9054-54-0
Reaction	1-organyl-2-acyl-sn-glycero-3-phosphocholine + 1-organyl-2-lyso-sn-glycero-3-phosphoethanolamine = 1-organyl-2-acyl-sn-glycero-3-phosphoethanolamine + 1-organyl-2-lyso-sn-glycero-3-phosphocholine
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 ℃.