Creative Enzymes®

phosphatidylcholine-sterol O-acyltransferase

Cat. No. EXWM-2222

Lot. No. (See product label)

Introduction

Description	Palmitoyl, oleoyl and linoleoyl residues can be transferred; a number of sterols, including cholesterol, can act as acceptors. The bacterial enzyme also catalyses the reactions of EC 3.1.1.4 phospholipase A2 and EC 3.1.1.5 lysophospholipase.
Synonyms	lecithin-cholesterol acyltransferase; phospholipid-cholesterol acyltransferase; LCAT (lecithin-cholesterol acyltransferase); lecithin:cholesterol acyltransferase; lysolecithin acyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.43
CAS No.	9031-14-5
Reaction	phosphatidylcholine + a sterol = 1-acylglycerophosphocholine + a sterol ester
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 ℃.