

## 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.