

Arachidonoyl coenzyme A lithium salt

Cat. No. COEC-030

Lot. No. (See product label)

Introduction

Description

Arachidonoyl coenzyme A lithium salt is a substrate for the long-chain N-acylation of glycines by enzymes such as glycine N-acyltransferase-like 2 (GLYATL2) and of acyltransferases such as lysophosphatidic acid acyltransferase (CGI-58/ABHD5). Arachidonoyl CoA is used as a charged membrane-impermeant analog of arachidonic acid (AA). Arachidonoyl CoA is used in the synthesis of arachidonoyl amino acids by cytochrome c.

Applications

A substrate for the long-chain N-acylation of glycines by enzymes such as GLYATL2

Synonyms

cis,cis,cis,cis-5,8,11,14-Eicosatetraenoyl coenzyme A lithium salt

Product Information

Appearance

Powder

Form

Solid

CAS No.

188174-63-2

Molecular Formula

C₄₁H₆₆N₇O₁₇P₃S•xLi⁺

Molecular Weight

1059.92

Purity

≥85%