

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%