



1-Palmitoyl-2-hydroxy-sn-glycero-3-phospho-ethanolamine (16:0 Lyso-PE)

Catalog: Lipo-442

PRODUCT INFORMATION

Name 1-Palmitoyl-2-hydroxy-sn-glycero-3-phospho-ethanolamine (16:0 Lyso-PE)

Cat No. Lipo-442

CAS 53862-35-4

Product Overview

Lysophospholipids are lipid mediators which elicit a diverse array of cellular responses through activation of phospholipid specific G protein-coupled receptors. Lysophosphatidylethanolamine (LPE) is a minor lipid found in low levels in plasma membranes and serum which is generated through PLA2. LPE has been shown to increase intracellular Ca²⁺, invasiveness, and migration in SKOV3 and MDA-MB-231 cells. In addition, LPE accelerates ripening and increase the shelf-life of some fruits and vegetables such as tomatoes, grapes, and cranberries.

Application Liposome production; Synthetic lipid

Molecular Mass 453.55

Storage Store at -20 °C or below

Synonyms 53862-35-4
