



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

**Catalog: Lipo-442**

## PRODUCT INFORMATION

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<b>Name</b>	1-Palmitoyl-2-hydroxy-sn-glycero-3-phospho-ethanolamine (16:0 Lyso-PE)
<b>Cat No.</b>	Lipo-442
<b>CAS</b>	53862-35-4
<b>Product Overview</b>	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 Ca <sup>2+</sup> , 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.
<b>Application</b>	Liposome production; Synthetic lipid
<b>Molecular Mass</b>	453.55
<b>Storage</b>	Store at -20 °C or below
<b>Synonyms</b>	53862-35-4