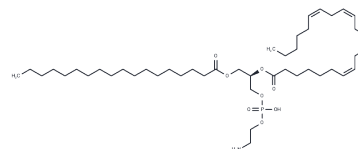


1-Stearoyl-2-Adrenoyl-sn-glycero-3-PE

Chemical Properties

CAS No. :	131350-53-3
Formula:	C45H82NO8P
Molecular Weight:	796.124
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1-Stearoyl-2-adrenoyl-sn-glycero-3-PE is a phospholipid that contains stearic acid and adrenic acid at the sn-1 and sn-2 positions, respectively. 1-Stearoyl-2-adrenoyl-sn-glycero-3-PE levels are inversely correlated with subject age in mitochondria isolated from human post-mortem hippocampus. ¹
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Solubility Information

Solubility	Chloroform: 10 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2561 mL	6.2805 mL	12.5609 mL
5 mM	0.2512 mL	1.2561 mL	2.5122 mL
10 mM	0.1256 mL	0.628 mL	1.2561 mL
50 mM	0.0251 mL	0.1256 mL	0.2512 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Hancock, S.E., Friedrich, M.G., Mitchell, T.W., et al. Decreases in phospholipids containing adrenic and arachidonic acids occur in the human hippocampus over the adult lifespan *Lipids* 50(9)861-872(2015)

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