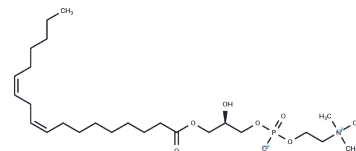


Lysophosphatidylcholine 18:2

Chemical Properties

CAS No. :	22252-07-9
Formula:	C26H50NO7P
Molecular Weight:	519.66
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1-Linoleoyl-2-hydroxy-sn-glycero-3-PC (LGPC) is a lysophospholipid containing linoleic acid at the sn-1 position that has been found in mouse heart, lung, liver, spleen, kidney, plasma, and serum. ¹ Serum levels of LGPC decrease with increasing insulin resistance and dysglycemia in humans. ²
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Solubility Information

Solubility	PBS (pH 7.2): 2 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	1.9243 mL	9.6217 mL	19.2434 mL
5 mM	0.3849 mL	1.9243 mL	3.8487 mL
10 mM	0.1924 mL	0.9622 mL	1.9243 mL
50 mM	0.0385 mL	0.1924 mL	0.3849 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

Okudaira, M., Inoue, A., Shuto, A., et al. Separation and quantification of 2-acyl-1-lysophospholipids and 1-acyl-2-lysophospholipids in biological samples by LC-MS/MSJ. Lipid Res. 55(10)2178-2192(2014)

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