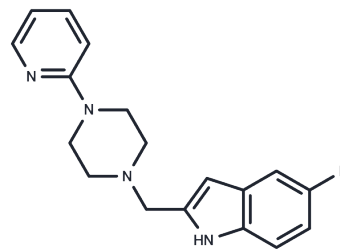


1-Oleoyl lysophosphatidic acid sodium

Chemical Properties

CAS No. :	325465-93-8
Formula:	C ₂₁ H ₄₂ O ₇ P.Na
Molecular Weight:	459.51
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1-Oleoyl lysophosphatidic acid sodium (1-Oleoyl lysophosphatidic acid sodium salt) salt is an Endogenous agonist of LPA1 and LPA2
Targets(IC50)	LPA Receptor

Solubility Information

Solubility	H ₂ O: 10 mM, DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1762 mL	10.8812 mL	21.7623 mL
5 mM	0.4352 mL	2.1762 mL	4.3525 mL
10 mM	0.2176 mL	1.0881 mL	2.1762 mL
50 mM	0.0435 mL	0.2176 mL	0.4352 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

Xu C, Zhou Y, Liu Y, et al. Specific pharmacological and Gi/o protein responses of some native GPCRs in neurons. Nature Communications. 2024, 15(1): 1990.

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