

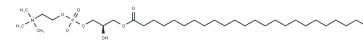
24:0 Lyso PC

Chemical Properties

CAS No. : 325171-59-3

Formula: C32H66NO7P

Molecular Weight: 607.84



Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	24:0 Lyso PC is a lysophosphatidylcholine lipid metabolite composed of the saturated fatty acid lignoceric acid (C24:0). The compound plays a role in regulating cell signaling and maintaining biological membrane integrity. It serves as an essential biomarker for investigating the pathophysiological processes of musculoskeletal and tendon injuries, aiming to assess the risk and severity of tissue damage through its fluctuating levels in the circulatory system.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 1.5 mg/mL (2.47 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6452 mL	8.2258 mL	16.4517 mL
5 mM	0.329 mL	1.6452 mL	3.2903 mL
10 mM	0.1645 mL	0.8226 mL	1.6452 mL
50 mM	0.0329 mL	0.1645 mL	0.329 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481