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## Product Data Sheet

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Product Name: Stearoyl coenzyme A lithium

Cat. No.: GC67644

### Chemical Properties

Cas. No. 193402-48-1

Formula  $C_{39}H_{70}LiN_7O_{17}P_3S$

M.Wt

Solubility

Storage

Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

Stearoyl coenzyme A (Stearoyl-CoA) lithium is an **active compound** that can be used as a substrate for the determination of stearoyl-Coenzyme desaturase in microsomes<sup>[1]</sup>.

[1]. L D Lawson, et al. beta-Oxidation of the coenzyme A esters of elaidic, oleic, and stearic acids and their full-cycle intermediates by rat heart mitochondria. Biochim Biophys Acta. 1979 May 25;573(2):245-54.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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