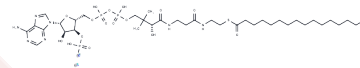


Palmitoyl CoA lithium

Chemical Properties

CAS No. :	188174-64-3
Formula:	C37H65N7O17P3S.xLi
Molecular Weight:	1023.74
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Palmitoyl CoA lithium (Palmitoyl coenzyme A lithium) is a major component of fatty acids involved in the carnitine shuttle system, beta-oxidation, and the tricarboxylic acid cycle, and can be used to study metabolic disorders in the body.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9768 mL	4.8841 mL	9.7681 mL
5 mM	0.1954 mL	0.9768 mL	1.9536 mL
10 mM	0.0977 mL	0.4884 mL	0.9768 mL
50 mM	0.0195 mL	0.0977 mL	0.1954 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.

Reference

A G Goodridge, et al. Regulation of the activity of acetyl coenzyme A carboxylase by palmitoyl coenzyme A and citrate. J Biol Chem. 1972 Nov 10;247(21):6946-52.

L A Fahien, et al. Regulation of glutamate dehydrogenase by palmitoyl-coenzyme A. Arch Biochem Biophys. 1981 Nov;212(1):247-53.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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