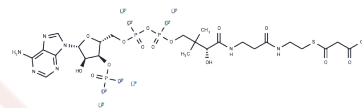


Malonyl CoA tetralithium

Chemical Properties

CAS No. :	116928-84-8
Formula:	C ₂₄ H ₃₄ Li ₄ N ₇ O ₁₉ P ₃ S
Molecular Weight:	877.31
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	Malonyl CoA tetralithium (Malonyl coenzyme A), serves as a substrate in fatty acid biosynthesis and functions as an inhibitor of fatty acid oxidation. Additionally, it acts as a reversible inhibitor of mitochondrial carnitine palmitoyltransferase (CPT) 1 [1] [2].
Targets(IC50)	Mitochondrial Metabolism, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1398 mL	5.6992 mL	11.3985 mL
5 mM	0.228 mL	1.1398 mL	2.2797 mL
10 mM	0.114 mL	0.5699 mL	1.1398 mL
50 mM	0.0228 mL	0.114 mL	0.228 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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