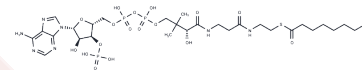


Octanoyl Coenzyme A

Chemical Properties

CAS No. :	1264-52-4
Formula:	C ₂₉ H ₅₀ N ₇ O ₁₇ P ₃ S
Molecular Weight:	893.73
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	Octanoyl coenzyme A is a derivative of fatty acyl-coenzyme A. It acts as an inhibitor of citrate synthase and glutamate dehydrogenase, with IC ₅₀ values ranging from 0.4 to 1.6 mM.
Targets(IC ₅₀)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1189 mL	5.5945 mL	11.1891 mL
5 mM	0.2238 mL	1.1189 mL	2.2378 mL
10 mM	0.1119 mL	0.5595 mL	1.1189 mL
50 mM	0.0224 mL	0.1119 mL	0.2238 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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