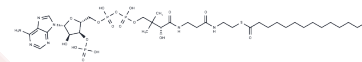


Myristoyl coenzyme A

Chemical Properties

CAS No. :	3130-72-1
Formula:	C35H62N7O17P3S
Molecular Weight:	977.89
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	Myristoyl coenzyme A lithium is a myristoylated form of coenzyme A (CoA). Myristoylation, an essential process in viruses, is typically regulated by N-myristoyltransferase (NMT), which is more active in colon epithelial tumors than in normal cells. The reduced form of coenzyme A (CoA) is a key regulator of NMT activity, whereas the oxidized form does not permit NMT to promote myristoylation. Myristoyl coenzyme A potentially inhibits demyristoylation, suggesting anticancer and antiviral mechanisms.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0226 mL	5.113 mL	10.2261 mL
5 mM	0.2045 mL	1.0226 mL	2.0452 mL
10 mM	0.1023 mL	0.5113 mL	1.0226 mL
50 mM	0.0205 mL	0.1023 mL	0.2045 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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