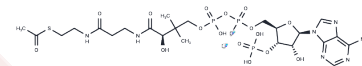


Acetyl coenzyme A lithium

Chemical Properties

CAS No. :	32140-51-5
Formula:	C ₂₃ H ₃₈ N ₇ O ₁₇ P ₃ S
Molecular Weight:	809.57
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	Acetyl-coenzyme A (Acetyl-CoA) lithium, a membrane-impermeant central metabolic intermediate, is integral to the TCA cycle and oxidative phosphorylation, regulates cellular mechanisms by serving as the sole donor of acetyl groups for post-translational acetylation of proteins, and is a critical precursor in lipid synthesis [1] [2] [3] [4].
Targets(IC50)	Others,OXPPOS,Endogenous Metabolite,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2352 mL	6.1761 mL	12.3522 mL
5 mM	0.247 mL	1.2352 mL	2.4704 mL
10 mM	0.1235 mL	0.6176 mL	1.2352 mL
50 mM	0.0247 mL	0.1235 mL	0.247 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.

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