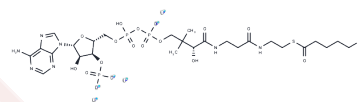


Hexanoyl coenzyme A trilithium

Chemical Properties

CAS No. :	103476-19-3
Formula:	C ₂₇ H ₄₃ Li ₃ N ₇ O ₁₇ P ₃ S
Molecular Weight:	883.48
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	Hexanoyl coenzyme A trilithium is a compound widely found in plants and animals, which is involved in various metabolisms of living organisms and can be used to study diseases caused by metabolic abnormalities.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1319 mL	5.6594 mL	11.3189 mL
5 mM	0.2264 mL	1.1319 mL	2.2638 mL
10 mM	0.1132 mL	0.5659 mL	1.1319 mL
50 mM	0.0226 mL	0.1132 mL	0.2264 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

Stout, M. et al. The hexanoyl-CoA precursor for cannabinoid biosynthesis is formed by an acyl-activating enzyme in *Cannabis sativa* trichomes. *Plant J.* 2012 Aug;71(3):353-65.

Niezen-Koning, K. E. et al. Measurement of short-chain acyl-CoA dehydrogenase (SCAD) in cultured skin fibroblasts with hexanoyl-CoA as a competitive inhibitor to eliminate the contribution of medium-chain acyl-CoA dehydrogenase. *Clin Chim Acta.* 1994 Sep;229(1-2):99-106.

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