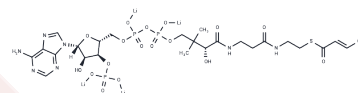


2-Butenoyl coenzyme A lithium

Chemical Properties

CAS No. :	102680-35-3
Formula:	C ₂₅ H ₃₆ Li ₄ N ₇ O ₁₇ P ₃ S
Molecular Weight:	859.34
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	2-Butenoyl coenzyme A (lithium) is an active compound used as a substrate for enzymes such as Plasmodium falciparum enoyl-ACP reductase and other enoyl-CoA reductases. It can also serve as a substrate analog for kinetic studies of β -hydroxyacyl-acyl carrier protein (ACP) dehydrase (FabZ).
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1637 mL	5.8184 mL	11.6368 mL
5 mM	0.2327 mL	1.1637 mL	2.3274 mL
10 mM	0.1164 mL	0.5818 mL	1.1637 mL
50 mM	0.0233 mL	0.1164 mL	0.2327 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481