

Crotonyl-CoA tetrasodium

Chemical Properties

CAS No. :

Formula: C₂₅H₃₆N₇Na₄O₁₇P₃S

Molecular Weight: 923.54

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	Crotonyl-CoA tetrasodium is the tetrasodium salt form of Crotonyl-CoA. It serves as an intermediate in butyrate fermentation and in the metabolism of lysine and tryptophan. This compound plays a crucial role in the metabolism of fatty acids and amino acids.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0828 mL	5.414 mL	10.8279 mL
5 mM	0.2166 mL	1.0828 mL	2.1656 mL
10 mM	0.1083 mL	0.5414 mL	1.0828 mL
50 mM	0.0217 mL	0.1083 mL	0.2166 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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