

Glutaryl carnitine lithium

Chemical Properties

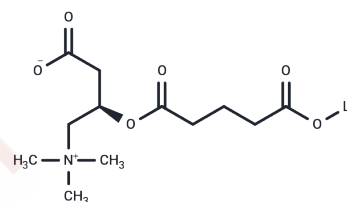
CAS No. :

Formula: C₁₂H₂₀LiNO₆

Molecular Weight: 281.23

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	Glutaryl carnitine lithium, a key diagnostic metabolite for malonic aciduria and glutaric aciduria type I, is routinely monitored in the majority of newborn screening programs utilizing tandem mass spectrometry [1].
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5558 mL	17.779 mL	35.5581 mL
5 mM	0.7112 mL	3.5558 mL	7.1116 mL
10 mM	0.3556 mL	1.7779 mL	3.5558 mL
50 mM	0.0711 mL	0.3556 mL	0.7112 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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