

(S)-3,4-Dihydroxybutyric acid lithium hydrate

Chemical Properties

CAS No. :

Formula: C₄H₉LiO₅

Molecular Weight: 144.05

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	(S)-3,4-Dihydroxybutyric acid (lithium hydrate) is a common metabolite found in human urine, with elevated levels observed in individuals suffering from succinic semialdehyde dehydrogenase (SSADH) deficiency [1].
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.942 mL	34.7102 mL	69.4203 mL
5 mM	1.3884 mL	6.942 mL	13.8841 mL
10 mM	0.6942 mL	3.471 mL	6.942 mL
50 mM	0.1388 mL	0.6942 mL	1.3884 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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