

D-(-)-Citramalic Acid lithium salt

Chemical Properties

CAS No. :

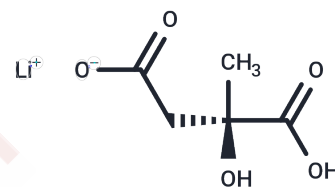
Formula: C₅H₇LiO₅

Molecular Weight: 154.05

Store at low temperature

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	D-(-)-Citramalic Acid lithium salt is an important compound that can be obtained by chemical synthesis.
Targets(IC50)	Others

Solubility Information

Solubility	PBS (pH 7.2): 8 mg/mL (51.93 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4914 mL	32.457 mL	64.914 mL
5 mM	1.2983 mL	6.4914 mL	12.9828 mL
10 mM	0.6491 mL	3.2457 mL	6.4914 mL
50 mM	0.1298 mL	0.6491 mL	1.2983 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

Thuéry P. Uranyl ion complexation by citric and citramalic acids in the presence of diamines. Inorg Chem. 2007 Mar 19;46(6):2307-15.

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