

LiCl

Chemical Properties

CAS No. : 7447-41-8
 Formula: ClLi
 Molecular Weight: 42.394
 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	LiCl is an inorganic substance that can be used to precipitate RNA.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 250 mg/mL (5897.06 mM) DMSO: 10 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	23.5905 mL	117.9523 mL	235.9047 mL
5 mM	4.7181 mL	23.5905 mL	47.1809 mL
10 mM	2.359 mL	11.7952 mL	23.5905 mL
50 mM	0.4718 mL	2.359 mL	4.7181 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

Barlow J J , Mathias A P , Williamson R , et al. A SIMPLE METHOD FOR THE QUANTITATIVE ISOLATION OF UNDEGRADED HIGH MOLECULAR WEIGHT RIBONUCLEIC ACID.[J]. Biochemical and Biophysical Research Communications, 1963, 13(1):61-66.

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