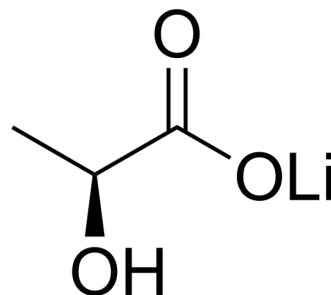


L-Lactic acid lithium

Cat. No.:	HY-D0884
CAS No.:	27848-80-2
Molecular Formula:	C ₃ H ₅ LiO ₃
Molecular Weight:	96.01
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (1301.95 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Mass		1 mg	5 mg	10 mg
	Concentration				
	1 mM		10.4156 mL	52.0779 mL	104.1558 mL
	5 mM		2.0831 mL	10.4156 mL	20.8312 mL
	10 mM		1.0416 mL	5.2078 mL	10.4156 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

L-Lactic acid (lithium) is a chemical compound belonging to the class of lithium salts. It is commonly used in the pharmaceutical industry as a mood stabilizer and antipsychotic for the improvement of bipolar disorder and schizophrenia. L-Lactic acid (lithium) works by affecting the balance of certain chemicals in the brain, which can help reduce symptoms such as mood swings, aggression, and hallucinations.

In Vitro

Lithium L-lactate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA