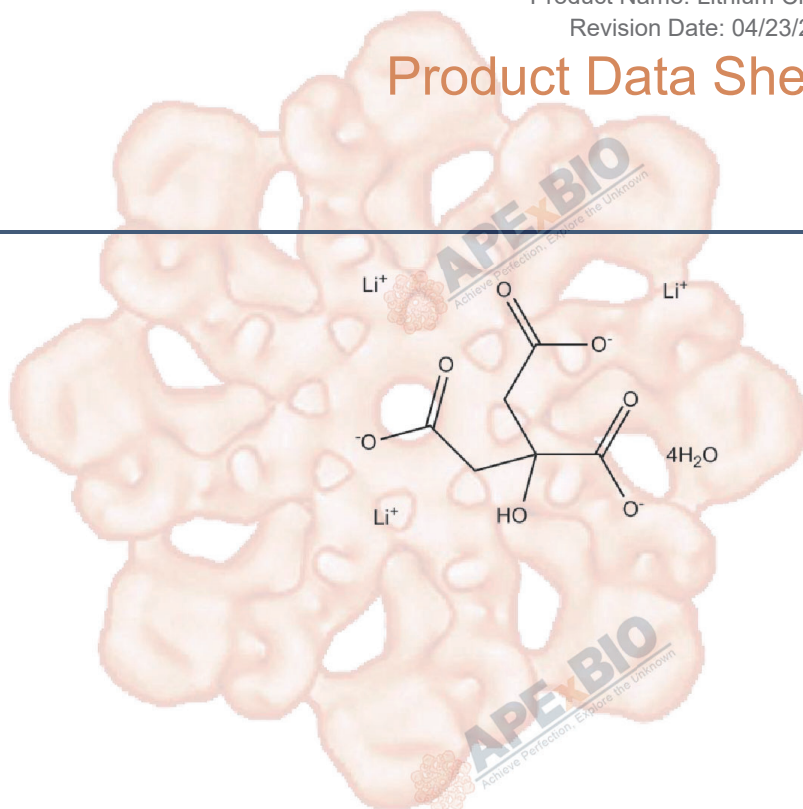


## Product Data Sheet

### Lithium Citrate

Cat. No.:	A8462
CAS No.:	6080-58-6
Formula:	C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> ·4H <sub>2</sub> O·3Li
M.Wt:	281.98
Synonyms:	
Target:	Others
Pathway:	Others
Storage:	Store at -20°C



### Solvent & Solubility

insoluble in EtOH; ≥14.1 mg/mL in DMSO with gentle warming and ultrasonic; ≥83.6 mg/mL in H<sub>2</sub>O with ultrasonic

In Vitro

Preparing  
Stock Solutions

Solvent	Concentration	Mass		
		1mg	5mg	10mg
	1 mM	3.5464 mL	17.7318 mL	35.4635 mL
	5 mM	0.7093 mL	3.5464 mL	7.0927 mL
	10 mM	0.3546 mL	1.7732 mL	3.5464 mL

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

### Biological Activity

Shortsummary

Mood stabilizer

IC<sub>50</sub> & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APExBIO Technology**

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