

Lithium citrate tribasic tetrahydrate

Catalog No: #S0256

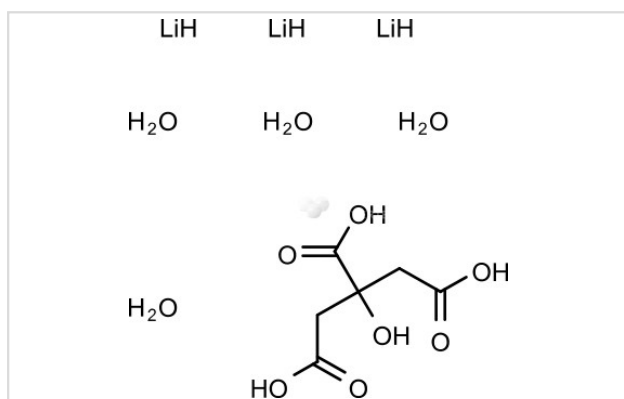
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Description

Product Name	Lithium citrate tribasic tetrahydrate
Brief Description	Inhibitors
Purification	99.00%
Target Name	Dehydrogenase inhibitor; GluR potentiator; GSK-3 inhibitor
Calculated MW	281.98
Formulation	C6H13Li3O11
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Other
 SMILES: [Li].[Li].[Li].O.O.O.O.CC(=O)CC(O)(CC(O)=O)C(O)=O
 Pathways: PI3K/Akt/mTOR signaling; Metabolism; Neuroscience; Stem Cells
 Receptor: IMPDH; mGluR3; GSK-3β
 Boiling pt: 309.6°C
 Melting pt: 112°C
 Solubility: Soluble in DMSO
 Appearance: White Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

- Oruch R, et al. Eur J Pharmacol. 2014 Jun 30. pii: S0014-2999(14)00493-2

Note: This product is for in vitro research use only