



>>Entry Name: Magnesium lactate

Synonym(s): [Bis(2-hydroxy-*O*)propanoato-*O*]magnesium. Lactic acid magnesium salt. Magnesium 2-hydroxypropanoate

CAS Registry Number: 18917-93-6

Extra CAS Registry Numbers(s): 151566-85-7 179308-96-4

$\text{Mg}[\text{OOCCH}(\text{OH})\text{CH}_3]_2$

Molecular Formula: $\text{C}_6\text{H}_{10}\text{MgO}_6$

Molecular Weight: 202.446

Accurate Mass: 202.032782

Percentage Composition: C 35.60%; H 4.98%; Mg 12.01%; O 47.42%

Biological Use/Importance: Laxative-cathartic. Electrolyte replenisher. Numerous cosmetic and toiletry applications arising from antimicrobial props.

Physical Description: White solid + 2H₂O or 6H₂O

Solubility: Sol. H₂O; sl. sol. EtOH

References:

Merck Index, 12th edn., 1996, No. 5708

Martindale, The Extra Pharmacopoeia, 32nd edn., Pharmaceutical Press, 1999, 1157