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Magnesium Acetate Tetrahydrate

National Cancer Institute

Source

National Cancer Institute. *Magnesium Acetate Tetrahydrate*. NCI Thesaurus. Code C48001.

The hydrated acetate salt form of magnesium. Magnesium is a divalent cation essential for a number of biochemical processes involved in nerve signaling, bone mineralization and muscle contractions. About 350 enzymes involved in glycolysis and the Krebs cycle, formation of cyclic-AMP and ATP, cellular signal transduction and protein and nucleic acid synthesis are dependent on magnesium.