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# Magnesium Isoglycyrrhizinate

National Cancer Institute

## Source

National Cancer Institute. *Magnesium Isoglycyrrhizinate*. NCI Thesaurus. Code C105617.

The magnesium salt form of the saponin, isoglycyrrhizinate, a derivative of glycyrrhizic acid extracted from the roots of the plant *Glycyrrhiza glabra*, with potential anti-inflammatory, antioxidant and hepatoprotective activities. Although the exact mechanism of action remains to be fully elucidated, magnesium isoglycyrrhizinate may prevent or reduce hepatotoxicity through the scavenging of free radicals. This agent also modulates the activity of hepatic enzymes such as alanine aminotransferase (ALT), aspartate aminotransferase (AST), superoxide dismutase (SOD) and glutathione peroxidase.