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Ibandronate Sodium

National Cancer Institute

Source

National Cancer Institute. *Ibandronate Sodium*. NCI Thesaurus. Code C1670.

The sodium salt form of ibandronic acid, a synthetic nitrogen-containing bisphosphonate. Ibandronic acid inhibits farnesyl pyrophosphate synthase, resulting in a reduction in geranylgeranyl GTPase signaling proteins and apoptosis of osteoclasts. This agent increases bone mineral density, decreases bone remodeling, inhibits osteoclast-mediated bone resorption, and reduces metastases-related and corticosteroid-related bone pain.