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Gallium Nitrate

National Cancer Institute

Source

National Cancer Institute. *Gallium Nitrate*. NCI Thesaurus. Code C1109.

A hydrated nitrate salt of the group IIIa element gallium with potential use in the treatment of malignancy-associated hypercalcemia. Gallium nitrate localizes preferentially to areas of bone resorption and remodeling and inhibits osteoclast-mediated resorption by enhancing hydroxyapatite crystallization and reduction of bone mineral solubility. This agent also increases calcium and phosphorous deposition into bone and may increase collagen synthesis. (NCI04)