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# Diltiazem Malate

National Cancer Institute

## Source

National Cancer Institute. *Diltiazem Malate*. NCI Thesaurus. Code C47493.

A malate salt of diltazem, a benzothiazepine calcium channel blocking agent. Diltiazem inhibits the transmembrane influx of extracellular calcium ions into select myocardial and vascular smooth muscle cells, causing dilatation of coronary and systemic arteries and decreasing myocardial contractility. Because of its vasodilatory activity, this agent has been shown to improve the microcirculation in some tumors, thereby potentially improving the delivery of antineoplastic agents to tumor cells.