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# Digitoxin

National Cancer Institute

## Source

National Cancer Institute. *Digitoxin*. NCI Thesaurus. Code C2634.

A lipid soluble cardiac glycoside that inhibits the plasma membrane sodium potassium AT Pase, leading to increased intracellular sodium and calcium levels and decreased intracellular potassium levels. In studies increased intracellular calcium precedes cell death and decreased intracellular potassium increase caspase activation and DNA fragmentation, causing apoptosis and inhibition of cancer cell growth. (NCI)