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# Diazoxide

National Cancer Institute

## Source

National Cancer Institute. *Diazoxide*. NCI Thesaurus. Code C428.

A benzothiadiazine derivate with antihypertensive and hyperglycemic activities. Diazoxide increases membrane permeability to potassium ions in vascular smooth muscle, thereby stabilizing the membrane action potential and preventing vascular smooth muscle contraction; this results in peripheral vasodilatation and decreases in peripheral vascular resistance. This agent also inhibits insulin release by interacting with ATP-sensitive potassium channels of pancreatic islet beta-cells.