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Quinapril

National Cancer Institute

Source

National Cancer Institute. *Quinapril*. NCI Thesaurus. Code C62074.

A prodrug and non-sulfhydryl angiotensin converting enzyme (ACE) inhibitor with antihypertensive activity. Quinapril is hydrolyzed into its active form quinaprilat, which binds to and inhibits ACE, thereby blocking the conversion of angiotensin I to angiotensin II. This abolishes the potent vasoconstrictive actions of angiotensin II and leads to vasodilatation. Quinapril also causes a decrease in angiotensin II-induced aldosterone secretion by the adrenal cortex, thereby promoting diuresis and natriuresis, and increases bradykinin levels.