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Ramipril

National Cancer Institute

Source

National Cancer Institute. *Ramipril*. NCI Thesaurus. Code C29411.

A prodrug and nonsulfhydryl angiotensin converting enzyme (ACE) inhibitor with antihypertensive activity. Ramipril is converted in the liver by de-esterification into its active form ramiprilat, which 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. This agent also causes an increase in bradykinin levels and a decrease in angiotensin II-induced aldosterone secretion by the adrenal cortex, thereby promoting diuresis and natriuresis.