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Lisinopril Anhydrous

National Cancer Institute

Source

National Cancer Institute. *Lisinopril Anhydrous*. NCI Thesaurus. Code C83924.

The anhydrous form of the long-acting angiotensin-converting enzyme (ACE) inhibitor lisinopril with antihypertensive activity. Lisinopril, a synthetic peptide derivative, competitively binds to and inhibits ACE, thereby blocking the conversion of angiotensin I to angiotensin II. This prevents the potent vasoconstrictive actions of angiotensin II and results in vasodilation. Lisinopril also decreases angiotensin II-induced aldosterone secretion by the adrenal cortex, which leads to an increase in sodium excretion and subsequently increases water outflow.