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Cilazapril Anhydrous

National Cancer Institute

Source

National Cancer Institute. *Cilazapril Anhydrous*. NCI Thesaurus. Code C76134.

The anhydrous form of the pyridazine angiotensin-converting enzyme (ACE) inhibitor cilazapril with antihypertensive activity. As a prodrug cilazapril is rapidly metabolized in the liver to cilazaprilat; cilazaprilat 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, resulting in vasodilation. Cilazaprilat also decreases angiotensin II-induced aldosterone secretion by the adrenal cortex, which leads to an increase in sodium excretion and subsequently increases water outflow.