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# Benazepril Hydrochloride

National Cancer Institute

## Source

National Cancer Institute. *Benazepril Hydrochloride*. NCI Thesaurus. Code C28862.

The hydrochloride salt of benazepril, a carboxyl-containing angiotensin-converting enzyme (ACE) inhibitor with antihypertensive activity. As a prodrug, benazepril is metabolized to its active form benazeprilat. Benazeprilat 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. Benazeprilat also decreases angiotensin II-induced aldosterone secretion by the adrenal cortex, which leads to an increase in sodium excretion and subsequently increases water outflow.