

Enalapril Pharmacology Flashcard

Enalapril is sold under a trade name: Vasotec.

It is an antihypertensive that belongs to a class of Angiotensin-converting enzyme (ACE) inhibitor.

It is used in the management of mild to moderate hypertension, congestive heart failure and, renal impairment.

It works by suppressing the renin-angiotensin-aldosterone system by preventing the conversion of angiotensin I to angiotensin II in circulation and eventually resulting in vasodilation and decreased blood pressure.

Enalapril is a prodrug that is converted to enalaprilat.

It has several advantages over captopril in that:

It has a longer half-life that makes it suitable for once-daily dosing (5-20 mg OD).

Its absorption not affected by food.

Its common side effects are headache, dizziness, hypotension, rash, and loss of taste though they occur less frequently.

It has a longer onset of action.

Fewer side effects.