

[Open Peer Review on Qeios](#)

# Azilsartan Medoxomil

National Cancer Institute

## Source

National Cancer Institute. *Azilsartan Medoxomil*. NCI Thesaurus. Code C75110.

A medoxomil prodrug of azilsartan, an angiotensin II receptor antagonist with antihypertensive activity. Upon hydrolysis, azilsartan selectively and competitively binds to the AT1 subtype angiotensin II receptor and blocks the binding of angiotensin II to the receptor, thus promoting vasodilatation and counteracting the effects of aldosterone. Converted from angiotensin I by angiotensin-converting enzyme (ACE), angiotensin II stimulates the adrenal cortex to synthesize and secrete aldosterone, decreasing sodium excretion and increasing potassium excretion, and acts as a vasoconstrictor in vascular smooth muscle.