

Quinapril (hydrochloride)

Catalog No: tcsc2591



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

82586-55-8

Formula:

$C_{25}H_{31}ClN_2O_5$

Pathway:

Metabolic Enzyme/Protease

Target:

Angiotensin-converting Enzyme (ACE)

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

CI-906

Observed Molecular Weight:

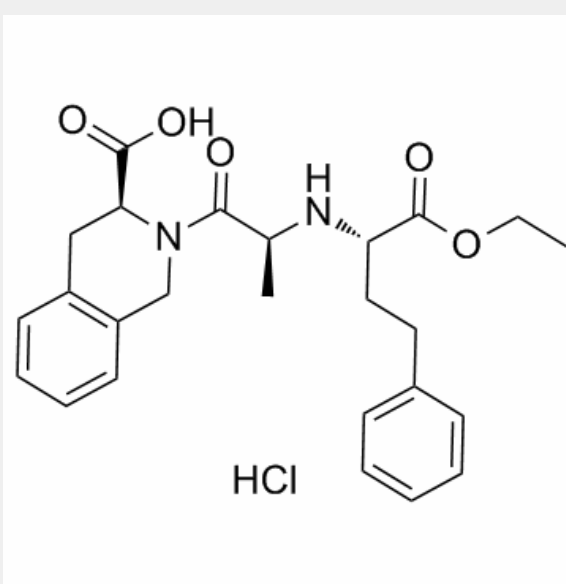
474.98

Product Description

Quinapril is a prodrug that belongs to the angiotensin-converting enzyme (ACE) inhibitor class of medications.

Target: ACE

Quinapril is an angiotensin-converting enzyme inhibitor (ACE inhibitor) used in the treatment of hypertension and congestive heart failure. Quinapril is rapidly de-esterified after absorption to quinaprilat (the active diacid metabolite), a potent angiotensin converting enzyme (ACE) inhibitor. Quinapril is now firmly established as an effective and well tolerated ACE inhibitor for the treatment of patients with hypertension and congestive heart failure. Quinapril 40 mg/day also significantly reduced the incidence of ischaemic events in patients undergoing CABG in one study [1, 2]. An overview of 32 clinical trials of ACE inhibitors in heart failure showed that no significant heterogeneity in mortality was found among enalapril, ramipril, quinapril, captopril, lisinopril, benazepril, perindopril and cilazapril. Initiation of therapy with captopril, ramipril, and trandolapril at least 3 days after an acute MI resulted in all-cause mortality risk reductions of 18 to 27% [3].



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