



Product Information

Product ID Q8134

CAS No. 82586-55-8

Chemical Name (3S)-2-[(2S)-2-[[[(1S)-1-(Ethoxycarbonyl)-3-phenylpropyl]amino]-1-oxopropyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid hydrochloride

Synonym Accupril, Accuprin, Accupro, Acequin, Acuitel, Korec, Quinazil

Formula C₂₅H₃₀N₂O₅ · HCl

Formula Wt. 474.99

Melting Point 120-130 °C

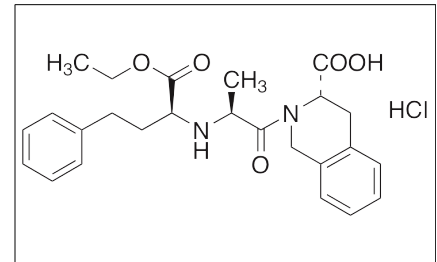
Purity ≥98%

Solubility Soluble in water
(31mg/mL).

Store Temp Ambient

Ship Temp Ambient

Description Quinapril is an angiotensin II-converting enzyme (ACE) inhibitor that exhibits antihypertensive, anti-inflammatory, and cardioprotective activities; it is clinically used to treat hypertension and congestive heart failure. Quinapril decreases levels of aldosterone and increases excretion of Na⁺. In animal models, quinapril decreases activity of matrix metalloproteinase 2 (MMP2), suppressing left ventricular remodeling. Additionally, this compound decreases expression of pro-inflammatory cytokines in animal models of heart failure.



Bulk quantities available upon request

| Product ID | Size |
|------------|--------|
| Q8134 | 100 mg |
| Q8134 | 500 mg |
| Q8134 | 1 g |

References Brower GL, Levick SP, Janicki JS. Inhibition of matrix metalloproteinase activity by ACE inhibitors prevents left ventricular remodeling in a rat model of heart failure. *Am J Physiol Heart Circ Physiol.* 2007 Jun;292(6):H3057-64. PMID: 17308006.

We GC, Siroi MG, Qu R, et al. Effects of quinapril on myocardial function, ventricular remodeling and cardiac cytokine expression in congestive heart failure in the rat. *Cardiovasc Drugs Ther.* 2002 Jan;16(1):29-36. PMID: 12085975.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.