



LKT Laboratories, Inc.

Quinapril Hydrochloride

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

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

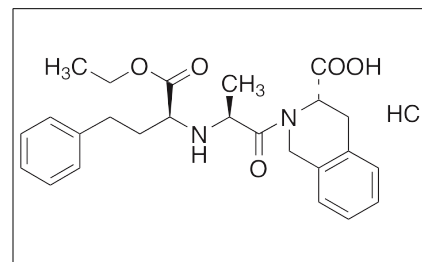
Formula $C_{25}H_{30}N_2O_5 \cdot HCl$

Formula Wt. 474.99

Melting Point 120-130°C

Purity ≥98%

Solubility Soluble in water (31mg/mL).



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
Q8134	100 mg	\$79.80
Q8134	500 mg	\$238.50
Q8134	1 g	\$381.30

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.

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.