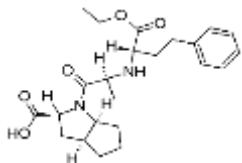


PRODUCT: **Ramipril**

ALTERNATE NAMES: (2S,3aS,6aS)-1-[(2S)-2-[[[(1S)-1-(ethoxycarbonyl)-3-phenylpropyl]amino]-1-oxopropyl]octahydrocyclopenta[b]pyrrole-2-carboxylic acid; Altace; HOE498

CATALOG NUMBER: B2133-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₃H₃₂N₂O₅

MOLECULAR WEIGHT: 416.51

CAS NUMBER: 87333-19-5

APPEARANCE: White solid

SOLUBILITY: DMSO (>30 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Ramipril is a non-peptide, angiotensin converting enzyme (ACE) inhibitor (IC₅₀ = 5 nM). A prodrug that is hydrolyzed *in vivo* to the active metabolite ramiprilat. Displays protective effects on endothelium against high-glucose induced dysfunction. Displays antihypertensive effects.

REFERENCE: Levitt, D.G., and Schoemaker, R.C. (2006). *BMC Clin. Pharmacol.* **6**, 1.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

ACE Inhibitor, DX600 (**9687**)

Captopril (**B1187**)

Elanapril maleate (**B2131**)

Lisinopril dihydrate (**B2132**)

Ramipril (**B21333**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**