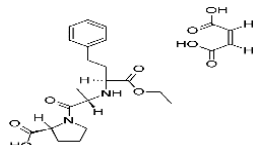


PRODUCT: Enalapril Maleate**ALTERNATE NAMES:** (S)-N-[1-(Ethoxycarbonyl)-3-phenylpropyl]-Ala-Pro maleate salt; Renitec; Glioten; Vasotec; Baripril**CATALOG NUMBER:** B2131-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** $C_{20}H_{28}N_2O_5 \cdot C_4H_4O_4$ **MOLECULAR WEIGHT:** 492.52**CAS NUMBER:** 76095-16-4**APPEARANCE:** White to off-white solid**SOLUBILITY:** H₂O (~25 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** Enalapril is a potent angiotensin converting-Enzyme (ACE) inhibitor used to treat for hypertension and heart failure. As a prodrug, enalapril is converted by de-esterification into its active form enalaprilat. Enalaprilat competitively binds to and inhibits ACE, thereby blocking the conversion of angiotensin I to angiotensin II. This prevents the potent vasoconstrictive actions of angiotensin II and results in vasodilation.**REFERENCE:** Oliveira-Paula, G.H., *et al.* (2018). *Free Radic. Biol. Med.* **115**, 10-17.**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**)

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