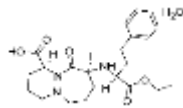


**PRODUCT: Cilazapril monohydrate**

**ALTERNATE NAMES:** (3S)-3-[(1S)-1-Ethoxycarbonyl-3-phenylpropyl]amino-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic Acid Hydrochloride; CGS 14824A

**CATALOG NUMBER:** B2139-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>22</sub>H<sub>31</sub>N<sub>3</sub>O<sub>5</sub> · H<sub>2</sub>O

**MOLECULAR WEIGHT:** 435.51

**CAS NUMBER:** 92077-78-6

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO (>40 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** Cilazapril is a pyridazine angiotensin-converting enzyme inhibitor (ACE inhibitor) used for the treatment of hypertension and congestive heart failure. It is a prodrug that is hydrolyzed after absorption to its main metabolite cilazaprilat.

**REFERENCE:** Yamamoto, S., et al. (1991). *Arzneimittelforschung* **41**, 913-923

**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**)  
Benazepril hydrochloride (**B2138**)  
Captopril (**B1187**)  
Cilazapril monohydrate (**B2139**)  
Elanapril maleate (**B2131**)  
Fosinopril sodium (**B2137**)  
Imidapril hydrochloride (**B2135**)  
Lisinopril dihydrate (**B2132**)  
Moexipil hydrochloride (**B2134**)  
Perindopril t-butylamine salt (**B2136**)  
Ramipril (**B21333**)

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