

**Perindopril Cas No. : 107133-36-8**

Perindopril is used to treat high blood pressure (hypertension). Lowering high blood pressure helps prevent strokes, heart attacks, and kidney problems. This medication is also used to prevent heart attacks in patients with a certain type of heart disease (stable coronary artery disease).p

Active Pharmaceuticals Ingredients Manufacturers



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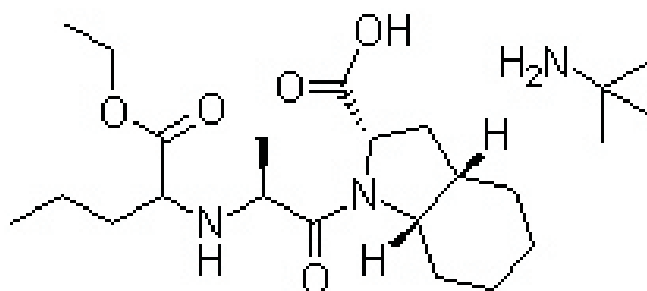
**Taj Pharmaceuticals Ltd.****Perindopril****CAS No. : 107133-36-8****Systematic (IUPAC) name**

(2S,3aS,7aS)-1-[(2S)-2-{[(2S)-1-ethoxy-1-oxopentan-2-yl]amino}propanoyl]-octahydro-1H-indole-2-carboxylic acid  
Ethoxycarbonylbutylamino) propanoyl]-2,3,3a,4,5,6,7,7a-octahydroindole-2-carboxylic acid 2-methyl-2-propanamine

**Chemical data**Molecular Formula C<sub>19</sub>H<sub>32</sub>N<sub>2</sub>O<sub>5</sub>.C<sub>4</sub>H<sub>11</sub>N

Molecular Weight 441.61

CAS Registry Number 107133-36-8

**DOSAGE**

This medication is generally used once or possibly twice daily. Dosage is adjusted for each person according to medical condition being treated and medical history. Follow all directions exactly and take the medication as directed. This drug is best taken on an empty stomach at the same time each day. Do not stop taking this drug without consulting your doctor. Some conditions may become worse when the drug is abruptly stopped. Your dose may need to be gradually adjusted.

Perindopril comes as a tablet to take by mouth. It is usually taken once or twice a day. Follow the directions on your prescription label carefully, and ask your doctor or pharmacist to explain any part you do not understand. Take perindopril exactly as directed. Do not take more or less of it or take it more often than prescribed by your doctor. Perindopril controls high blood pressure but does not cure it. Continue to take perindopril even if you feel well. Do not stop taking perindopril without talking to your doctor.

**SIDE EFFECTS****Perindopril may cause side effects**

- \* cough
- \* headache
- \* weakness
- \* dizziness
- \* diarrhea
- \* stomach pain
- \* upset stomach

**Some side effects can be serious**

- \* swelling of the face, throat, tongue, lips, eyes, hands, feet, ankles, or lower legs
- \* hoarseness
- \* difficulty swallowing or breathing



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- \* lightheadedness
- \* fainting
- \* fever, sore throat, chills, and other signs of infection
- \* irregular or rapid heartbeats

### PRECAUTIONS

Before using this drug, tell your doctor your medical history, including: allergies (especially drug allergies), kidney problems, liver problems, heart or blood vessel diseases, history of angioedema, diabetes. Consult your doctor before using salt substitutes or low salt products. To avoid dizziness and lightheadedness when rising from a seated or lying position, get up slowly. Limit your intake of alcohol and use caution when exercising or during hot weather as these can aggravate dizziness and lightheadedness. This medication should be used only when clearly needed during the first three months of pregnancy. It is not recommended for use during the last six months of pregnancy. Discuss the risks and benefits with your doctor. It is not known if this drug passes into breast milk. Consult your doctor before breast-feeding. Extreme caution is advised if this drug is used in children. Caution is advised if this drug is used in the elderly.

Before taking perindopril,

- \* tell your doctor and pharmacist if you are allergic to perindopril, benazepril (Lotensin), captopril (Capoten), enalapril (Vasotec), fosinopril (Monopril), lisinopril (Prinivil, Zestril), moexipril (Univasc), quinapril (Accupril), ramipril (Altace), trandolapril (Mavik), or any other medications.
- \* tell your doctor and pharmacist what prescription and nonprescription medications, vitamins, nutritional supplements, and herbal products you are taking. Be sure to mention any of the following: cyclosporine (Neoral, Sandimmune), diuretics ('water pills'), heparin, indomethacin (Indocin), lithium (Eskalith, Lithobid), and potassium supplements (K-Dur, Klor-Con, others). Your doctor may need to change the doses of your medications or monitor you carefully for side effects.
- \* tell your doctor if you are on dialysis and if have or have ever had heart failure; lupus (SLE); scleroderma; diabetes; swelling of the face, throat, tongue, lips, eyes, hands, feet, ankles, and/or lower legs (angioedema); or kidney or liver disease.
- \* tell your doctor if you plan to become pregnant or are breast-feeding.
- \* you should know that diarrhea, vomiting, not drinking enough fluids, and sweating a lot can cause a drop in blood pressure, which may cause lightheadedness and fainting.

### DRUG DESCRIPTION

Perindopril is a white, crystalline powder with a molecular weight of 368.47 (free acid) or 441.61 (salt form). It is freely soluble in water (60% w/w), alcohol and chloroform.

Perindopril is the free acid form of perindopril erbumine, is a pro-drug and metabolized in vivo by hydrolysis of the ester group to form perindoprilat, the biologically active metabolite. This medication is used to treat high blood pressure.

Perindopril is used alone or in combination with other medications to treat high blood pressure. Perindopril is in a class of medications called angiotensin-converting enzyme (ACE) inhibitors. It makes blood flow more smoothly by preventing the production of certain natural chemicals that tighten the blood vessels.



Perindopril tablets contain the active ingredient perindopril, which is a type of medicine called an ACE inhibitor. (NB. Perindopril is also available without a brand name, ie as the generic medicine.)

ACE inhibitors work by blocking the action of a compound in the body called angiotensin converting enzyme (ACE). Normally ACE produces another compound called angiotensin II, as part of the body's natural control of blood pressure.

Angiotensin II causes blood vessels to constrict and narrow, which increases the pressure within the blood vessels. As perindopril blocks the action of ACE, it reduces the production of angiotensin II. This means that the blood vessels are allowed to relax and widen. The overall effect of this is a drop in blood pressure, hence perindopril can be used to lower high blood pressure.

The reduced pressure within the blood vessels means that the heart doesn't have to work as hard to pump the blood around the body. This means that ACE inhibitors can be used to improve the symptoms of heart failure, where the heart is not pumping as efficiently, and to improve survival following a heart attack.

Note /Government Notification: These chemicals are designated as those that are used in the manufacture of the controlled substances and are important to the manufacture of the substances. For any (Control Substance) products Import and Export \*\*\* subjected to your country government laws /control substance ACT.

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The Controlled Substances Act (CSA) was enacted into law by the Congress of the United States as Title II of the Comprehensive Drug Abuse Prevention and Control Act of 1970.[1] The CSA is the federal U.S. drug policy under which the manufacture, importation, possession, use and distribution of certain substances is regulated. The Act also served as the national implementing legislation for the Single Convention on Narcotic Drugs

This document plus the full buyer/ prescribing information, prepared for health professionals can be found at:

<http://www.tajapi.com>

or by contacting the sponsor, Taj Pharmaceuticals Limited., at:

91 022 30601000.

This leaflet was prepared by  
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