

Candesartan cilexetil Cas No. 145040-37-5

Candesartan cilexetil is a white to off-white powder with a molecular weight of 610.67. It is practically insoluble in water and sparingly soluble in methanol. Candesartan cilexetil is a racemic mixture containing one chiral center at the cyclohexyloxycarbonyloxy ethyl ester group.

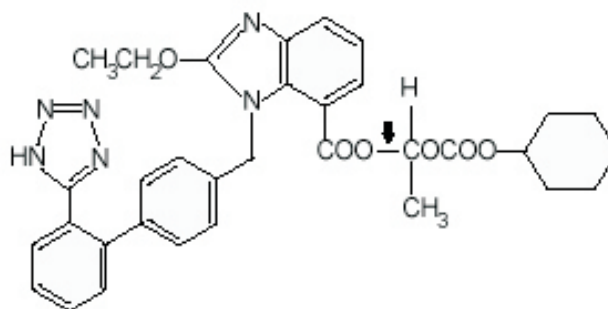
Active Pharmaceuticals Ingredients Manufacturers



Taj Pharma PDF

Taj Pharmaceuticals Ltd.**Candesartan cilexetil****CAS No. : 145040-37-5****Description**

1. CAS No. : 145040-37-5
2. Molecular formula: C₃₃H₃₄N₆O₆
3. Molecular weight: 610.67
4. Appearance: White crystalline powder
5. Assay ≥ 99.0%
6. Total impurity: ≥ 1.0%
7. Single impurity ≥ 0.5%
8. Residue on ignition ≥ 0.1
9. Heavy metal ≥ 10PPm



Candesartan cilexetil is a white to off-white powder with a molecular weight of 610.67. It is practically insoluble in water and sparingly soluble in methanol. Candesartan cilexetil is a racemic mixture containing one chiral center at the cyclohexyloxycarbonyloxy ethyl ester group. Following oral administration, candesartan cilexetil undergoes hydrolysis at the ester link to form the active drug, candesartan, which is achiral.

Candesartan cilexetil is the generic name for this medicine. It is available as the following brands. Please select one of the medicines below for information about Candesartan cilexetil:

Candesartan cilexetil, a nonpeptide, is chemically described as (±)-1-Hydroxyethyl 2-ethoxy-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-7-benzimidazolecarboxylate, cyclohexyl carbonate (ester).

Many research efforts are focused on finding ways to lower urinary protein excretion in patients with kidney disease because doing so may postpone kidney failure and prevent the development of cardiovascular disease. Investigators in Canada recently reported the results of a multicenter trial that evaluated whether high doses of the hypertension drug candesartan cilexetil could reduce proteinuria better than the maximum approved dose.

USES :

Candesartan is used to treat high blood pressure (hypertension). Lowering high blood pressure helps prevent strokes, heart attacks, and kidney problems. This drug works by relaxing blood vessels so blood can flow more easily. Candesartan belongs to a class of drugs called angiotensin receptor blockers.

This medication is also used to treat congestive heart failure.

HOW TO USE :

Take this medication by mouth, usually once or twice daily or as directed by your doctor. You may take this drug with or without food. Use this medication regularly in order to get the most benefit from it. To help you remember, use it at the same time(s) each day.

Do not take potassium supplements or salt substitutes containing potassium without talking to your doctor or pharmacist first. This medicine can raise your potassium levels, which can rarely cause serious side effects such as muscle weakness or very slow heartbeat. Tell your doctor immediately if any of these effects occur.

The dosage is based on your medical condition and response to therapy. For the treatment of high blood pressure, it may take 4 to 6 weeks before you get the full benefit of this drug.



Taj Pharmaceuticals Ltd
**Candesartan
Cilaxetil**
CAS No.145040-37-5,

- * APPEARANCE: Tablet. Your doctor will tell you how much of this medicine to use and how often.
- * Your dose may need to be changed several times in order to find out what works best for you.
- * Do not use more medicine or use it more often than your doctor tells you to. You may take this medicine with or without food. Carefully follow your doctor's instructions about any special diet. Your doctor may prescribe more than one medicine to treat your condition.
- * Take all other medicines your doctor has prescribed as part of your combination treatment.



This section contains uses of this drug that are not listed in the approved professional labeling for the drug but that may be prescribed by your health care professional. Use this drug for a condition that is listed in this section only if it has been so prescribed by your health care professional.

This drug may also be used to help protect the kidneys from damage due to diabetes.

Side Effects

Remember that your doctor has prescribed this medication because he or she has judged that the benefit to you is greater than the risk of side effects. Many people using this medication do not have serious side effects.

Tell your doctor immediately if any of these unlikely but serious side effects occur: fainting, decreased sexual ability.

This is not a complete list of possible side effects. If you notice other effects not listed above, contact your doctor or pharmacist.

Many of us get caught up in reacting to situations with others. We sometimes end up defending our positions or focusing on what we are going to say next in a conversation. We could take such an opportunity to step outside of the situation and practice intention for the other person. Sort of mentally wishing them well with finding solutions to their problems rather than taking them on

What side effects may occur?

Side effects cannot be anticipated. If any develop or change in intensity, inform your doctor as soon as possible. Only your doctor can determine if it is safe for you to continue taking Atacand.

- * Side effects may include:
Back pain, dizziness, respiratory tract infection

The most common side effect with candesartan is dizziness which occurs in 1 out of every 25 persons. Here are a number of side effects with candesartan that you should report immediately to your healthcare provider. These include, but are not limited to:



- *Unexplained skin rash
- *Itching
- *Unexplained blisters or peeling of the skin
- *Wheezing
- *Difficulty breathing or swallowing
- *Dizziness, light-headedness, or fainting spells
- *Decreases in the amount of urine produce

DOSAGE

No lethality was observed in acute toxicity studies in mice, rats, and dogs given single oral doses of up to 2000 mg/kg of candesartan cilexetil. In mice given single oral doses of the primary metabolite, candesartan, the minimum lethal dose was greater than 1000 mg/kg but less than 2000 mg/kg.

Treatment: To obtain up-to-date information about the treatment of overdose, consult your Regional Poison Control Center. Telephone numbers of certified poison control centers are listed in the Physicians' Desk Reference (PDR). In managing overdose, consider the possibilities of multiple-drug overdoses, drug-drug interactions, and altered pharmacokinetics in your patient.

How Taken

Use Atacand as directed by your doctor. Check the label on the medicine for exact dosing instructions.

- * Take Atacand by mouth with or without food.
- * Continue to take Atacand even if you feel well. Do not miss any doses.

Missed Dose

If you miss a dose of Atacand, take it as soon as possible. If it is almost time for your next dose, skip the missed dose and go back to your regular dosing schedule. Do not take 2 doses at once.

Dosage adjustment

Renal impairment

Hepatic insufficiency

Storage

Store at the room temperature away from moisture and sunlight. Keep out of the reach of children.

Note: Veterinary use

There have been anecdotal reports of oseltamivir reducing disease severity and hospitalization time in canine parvovirus infection. The drug may limit the ability of the virus to invade the crypt cells of the small intestine and decrease gastrointestinal bacteria colonization and toxin production.

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
Taj Pharmaceuticals Limited,
Mumbai (India).

MPSTJ278

Last revised: 29 August 2009

