

Lacidipine Cas No. : 103890-78-4

Lacidipine is used to treat high blood pressure. It may be used alone or with other medications for high blood pressure. This medication should, generally, not be used during pregnancy. If you are pregnant or considering becoming pregnant, inform your physician immediately to discuss the risks versus benefits. There are few side effects associated with Lacidipine.

Active Pharmaceuticals Ingredients Manufacturers



Taj Pharma PDF

Taj Pharmaceuticals Ltd.**Lacidipine****CAS No. : 103890-78-4****Synonyms**

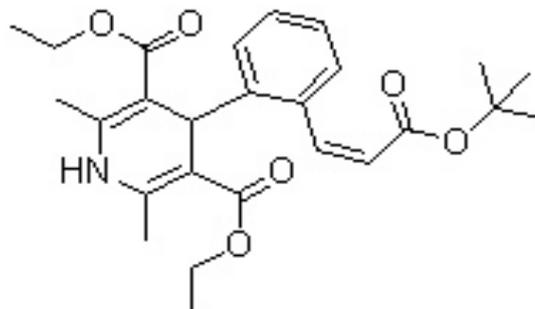
(E)-4-[2-[3-(1,1-Dimethylethoxy)-3-oxo-1-propenyl]phenyl]-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid diethyl ester

Molecular Formula C₂₆H₃₃N₂O₆

Molecular Weight 455.55

CAS Registry Number 103890-78-4

This belongs to the group of medicines known as calcium channel blockers.



Lacidipine is used to treat hypertension (high blood pressure).Lacidipine works by relaxing and opening up the blood vessels. This allows blood to circulate more freely around the body, lowering blood pressure and allowing the heart to work more efficiently.Lacidipine is available in tablet form.

DOSAGE

Lacidipine is used to treat high blood pressure. It may be used alone or with other medications for high blood pressure. This medication should, generally, not be used during pregnancy. If you are pregnant or considering becoming pregnant, inform your physician immediately to discuss the risks versus benefits. There are few side effects associated with Lacidipine.

Those most frequently reported, cough, upper respiratory infection and dizziness, occurred no more frequently than in patients who did not take this medication.

You may take this medication with or without food. You should have your blood pressure checked regularly

PO Initial: 2 mg once daily, up to 4-6 mg/day if needed.

DRUG DESCRIPTION

Lacidipine is the first of a class of antihypertensive agents called angiotensin II (AG II) receptor antagonists. It is, along with its longer acting active metabolite (E-3174), a specific and selective AT1 receptor antagonist. Lacidipine blocks the vasoconstrictor and aldosterone-secreting effects of angiotensin II by selectively blocking the binding of angiotensin II to the AT1 receptor found in many tissues, (e.g., vascular smooth muscle, adrenal gland).

This belongs to the group of medicines known as calcium channel blockers.

Lacidipine is used to treat hypertension (high blood pressure).

Lacidipine works by relaxing and opening up the blood vessels. This allows blood to circulate more freely around the body, lowering blood pressure and allowing the heart to work more efficiently.

SIDE EFFECTS

In the treatment of hypertension, some patients may go off control while still on the drugs. This occurs especially with sympathetic inhibitors and vasodilators. Lacidipine, a new calcium antagonist acts principally by vasodilatation. After a wash out period, patients with mild to moderate hypertension received 4 mg of Lacidipine for two weeks. After evaluation at two weeks, those uncontrolled received 6 mg of Lacidipine, while those controlled continued with 4 mg of Lacidipine for another two weeks. By the next evaluation, while patients continued whatever doses they were on, any one who had gone off control had 25 mg of Hydrochlorothiazide added. They were evaluated finally after another two weeks.



Taj Pharmaceuticals Ltd.
Lacidipine

CAS No 103890-78-4

It was found in this study that 91.3% (21/23) were controlled by the end with only Lacidipine either in 4 mg or 6 mg doses. Another 8.7% (2/23) initially controlled on Lacidipine went off control while still on the drug, and were eventually controlled by adding Hydrochlorothiazide. Some transient side effects not warranting discontinuation were encountered. It is concluded that Lacidipine is effective as monotherapy in mildly to moderately hypertensive Nigerian Africans; with good tolerance and safety profile. Where transient control is encountered, addition of a diuretic could be beneficial.

PRECAUTIONS

Before taking lacidipine make sure your doctor or pharmacist knows:

- * if you are pregnant, trying for a baby or breast-feeding
- * if you suffer from liver or kidney problems
- * if you have suffered from a heart attack within the last month or have any other heart problems
- * if you have ever had an allergic reaction to this or any other medicine
- * if you are taking any other medicines, including those available to buy without a prescription

- * Before taking any 'over-the-counter' medicines, check with your pharmacist which medicines are safe for you to take alongside lacidipine.
- * Before having any kind of surgery, including dental or emergency treatment, tell the doctor, dentist or surgeon you are taking this medicine
- * Keep your regular appointments with your doctor so your progress can be checked.
- * Do not drink grapefruit juice while you are being treated with lacidipine.
- * Lacidipine can cause dizziness. Make sure your reactions are normal before driving, operating machinery or doing any other jobs which could be dangerous if you were not fully alert.
- * When you first start taking lacidipine you may experience headaches, hot flushes and swollen ankles. This usually goes away a few days after starting treatment.
- * Lacidipine may cause constipation. Constipation can often be eased by eating plenty of fibre, such as fruit, vegetables, potatoes, bran and by drinking plenty of water.



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.

Information: The information on this web page is provided to help you to work safely, but it is intended to be an overview of hazards, not a replacement for a full Material Safety Data Sheet (MSDS). MSDS forms can be downloaded from the web sites of many chemical suppliers. Also that the information on the PTCL Safety web site, where this page was hosted, has been copied onto many other sites, often without permission. If you have any doubts about the veracity of the information that you are viewing, or have any queries, please check the URL that your web browser displays for this page. If the URL begins "www.tajapi.com/www/Denatonium Benzoate.htm/" the page is maintained by the Safety Officer in Physical Chemistry at Oxford University. If not, this page is a copy made by some other person and we have no responsibility for it.

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
Taj Pharmaceuticals Limited,
Mumbai (India).

MPSTJ278

Last revised: 29 August 2009