

**LevoCetirizine Cas No. : 130018-77-8**

Levocetirizine is a third generation non-sedative antihistamine, developed from the second generation antihistamine cetirizine. Chemically, levocetirizine is the active enantiomer of cetirizine. It is the L-enantiomer of the cetirizine racemate. Levocetirizine works by blocking histamine receptors. It does not prevent the actual release of histamine from mast cells, but prevents it binding to its receptors.

Active Pharmaceuticals Ingredients Manufacturers



Taj Pharma PDF

# Taj Pharmaceuticals Ltd.

## LevoCetirizine

### CAS No. :130018-77-8

**Chemical Data**Formula C<sub>21</sub>H<sub>25</sub>ClN<sub>2</sub>O<sub>3</sub>

Mol. mass 388.888 g/mol

Pharmacokinetic data

Bioavailability High

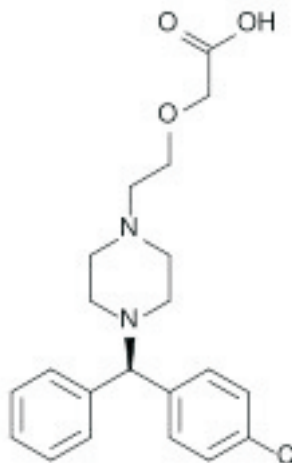
Protein binding 90%

Metabolism Hepatic 14% CYP3A4

Half life 6 to 10 hours

Excretion Renal and fecal

Levocetirizine is a third generation non-sedative antihistamine, developed from the second generation antihistamine cetirizine. Chemically, levocetirizine is the active enantiomer of cetirizine. It is the L-enantiomer of the cetirizine racemate. Levocetirizine works by blocking histamine receptors. It does not prevent the actual release of histamine from mast cells, but prevents it binding to its receptors. This in turn prevents the release of other allergy chemicals and increased blood supply to the area, and provides relief from the typical symptoms of hayfever.



Levocetirizine is used to relieve runny nose; sneezing; and redness, itching, and tearing of the eyes caused by hay fever, seasonal allergies, and allergies to other substances such as dust mites, animal dander, and mold. It is also used to treat symptoms of hives, including itching and rash. Levocetirizine is in a class of medications called antihistamines. It works by blocking the action of histamine, a substance in the body that causes allergic symptoms.

**USES**

This medication is an antihistamine used to relieve allergy symptoms such as watery eyes, runny nose, itching eyes/nose, sneezing, rash, and itching.

This medication works by blocking a certain natural substance (histamine) that your body makes during an allergic reaction.

**HOW TO USE**

Take this medication by mouth with or without food, usually once daily in the evening or as directed by your doctor. If you are using the liquid form of this medication, measure the dose carefully using a special measuring device/spoon. Do not use a household spoon because you may not get the correct dose.

Dosage is based on your age, medical condition, and response to treatment. Do not increase your dose or take this medication more often than directed. Children aged 6 to 11 years should not take more than two-and-a-half milligrams in a 24-hour period.

**SIDE EFFECTS**

Drowsiness, tiredness, and dry mouth may occur. Fever or cough may also occur, especially in children. If any of these effects persist or worsen, tell your doctor or pharmacist promptly.



Taj Pharmaceuticals Ltd.  
**LevoCetirizine**

CAS No 130018-77-8

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.

A serious allergic reaction to this drug is unlikely, but seek immediate medical attention if it occurs. Symptoms of a serious allergic reaction include: rash, itching/swelling (especially of the tongue/lips/throat), severe dizziness, trouble breathing.

### PRECAUTIONS

Before taking levocetirizine, tell your doctor or pharmacist if you are allergic to it; or to cetirizine; or if you have any other allergies.

This medication should not be used if you have a certain medical condition. Before using this medicine, consult your doctor or pharmacist if you have: very severe kidney disease (e.g., dialysis).

Before using this medication, tell your doctor or pharmacist your medical history, especially of: kidney disease.

This drug may make you drowsy or tired. Use caution while driving, using machinery, or doing any activity that requires alertness. Limit alcoholic beverages.

Kidney function declines as you grow older. This medication is removed by the kidneys. Therefore, older adults may be at greater risk for side effects while using this drug.

### MISSED DOSE

If you miss a dose, use it as soon as you remember. If it is near the time of the next dose, skip the missed dose and resume your usual dosing schedule. Do not double the dose to catch up.

### STORAGE

Store at room temperature between 68-77 degrees F (20-25 degrees C) away from light and moisture. Brief storage between 59-86 degrees F (15-30 degrees C) is permitted. Do not store in the bathroom. Keep all medicines away from children and pets.

### DOSAGE

Levocetirizine comes as a tablet to take by mouth. It is usually taken once a day in the evening with or without food. Take levocetirizine at the same time every day. Follow the directions on your prescription label carefully, and ask your doctor or pharmacist to explain any part you do not understand. Take levocetirizine exactly as directed. Do not take more or less of it or take it more often than prescribed by your doctor.

Adults and Children 12 Years of Age and Older





The recommended dose is 5 mg (1 tablet or 2 teaspoons [10 mL] oral solution) once daily in the evening. Some patients may be adequately controlled by 2.5 mg (1/2 tablet or 1 teaspoon [5 mL] oral solution) once daily in the evening.  
Children 6 to 11 Years of Age

The recommended dose is 2.5 mg (1/2 tablet or 1 teaspoon [5 mL] oral solution) once daily in the evening. The 2.5 mg dose should not be exceeded because the systemic exposure with 5 mg is approximately twice that of adults

## DRUG DESCRIPTION

Levocetirizine is used to relieve runny nose; sneezing; and redness, itching, and tearing of the eyes caused by hay fever, seasonal allergies, and allergies to other substances such as dust mites, animal dander, and mold. It is also used to treat symptoms of hives, including itching and rash. Levocetirizine is in a class of medications called antihistamines. It works by blocking the action of histamine, a substance in the body that causes allergic symptoms.

Levocetirizine is an antihistamine that reduces the natural chemical histamine in the body. Histamine can produce symptoms of sneezing, itching, watery eyes, and runny nose.

Levocetirizine is used to treat cold or allergy symptoms such as sneezing, itching, watery eyes, or runny nose.

Levocetirizine is also used to treat itching and swelling caused by chronic urticaria (hives).

Levocetirizine may also be used for other purposes not listed in this medication guide.

**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