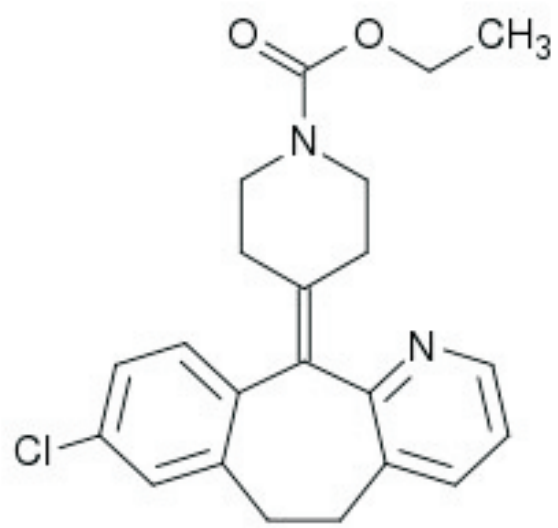
# Taj Pharmaceuticals Ltd.

# Loratadine

## CAS No. : 79794-75-5

**Systematic (IUPAC) name**



Ethyl 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidine)-1-piperidinecarboxylate
Identifiers
CAS number 79794-75-5
ATC code R06AX13
PubChem 3957
DrugBank APRD00384
ChemSpider 3820

**Chemical data**

Formula C22H23ClN2O2
Mol. mass 382.88 g/mol
SMILES eMolecules & PubChem
Pharmacokinetic data
Bioavailability N/A due to extensive first-pass metabolism
Metabolism hepatic
Half life 8 hours (metabolites 12-24 hours)
Excretion 40% as conjugated metabolites into urine
similar amount into the feces
Therapeutic considerations
Pregnancy cat.

B1(AU) B(US)
Legal status

**USES**

This medication is an antihistamine that treats symptoms such as itching, runny nose, watery eyes, and sneezing from "hay fever" and other allergies. It is also used to relieve itching from hives.

Loratadine does not prevent hives or prevent/treat a serious allergic reaction (e.g., anaphylaxis). Therefore, if your doctor has prescribed epinephrine to treat allergic reactions, always carry your epinephrine injector with you. Do not use loratadine in place of your epinephrine.

**HOW TO USE**

If you are using the over-the-counter product to self-treat, read all the directions on the product package before taking this medication. If your doctor has prescribed this medication, follow your doctor's directions and the instructions on your prescription label. If you have any questions, consult your doctor or pharmacist.

Take this medication by mouth with or without food, usually once a day or as directed by your doctor or the product package. If you are using the chewable tablets, chew each tablet well and swallow. Dosage is based on your age, condition, and response to treatment. Do not increase your dose or take this drug more often than directed. Do not take more of this medication than recommended for your age.

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**SIDE EFFECTS:**

A very serious allergic reaction to this drug is rare. However, seek immediate medical attention if you notice any symptoms of a serious allergic reaction, including: rash, itching/swelling (especially of the face/tongue/throat), severe dizziness, trouble breathing. PRECAUTIONS: Before taking loratadine, tll your doctor or pharmacist if you are allergic to it; or if you have any other allergies.

Before using this medication, tell your doctor or pharmacist your medical history. Do not self-treat with this medication without consulting your doctor first if you have certain medical conditions such as: kidney disease, liver disease.

Loratadine does not usually cause drowsiness when used at recommended doses. However, be sure you know how the drug affects you before driving, using machinery, or doing other activities that require alertness.

If you have hives and your doctor has prescribed loratadine, or if you are considering using this drug to treat your own hives, tell your doctor immediately if you have any of these other symptoms because they may be signs of a more seriou condition: hives that are an unusual color, hives that look bruised or blistered, hives that do not itch.

The chewable tablets may contain aspartame. If you have phenylketonuria (PKU) or any other condition that requires you to restrict your intake of aspartame (or phenylalanine), consult your doctor or pharmacist about using this drug safely.

Caution is advised when using this drug in the elderly because they may be more sensitive to its effects, especially drowsiness.

During pregnancy, this medication should be used only when clearly needed and as directed by your doctor. Discuss the risks and benefits with your doctor before taking this drug.

**MISSED DOSE**

If you miss a dose, take 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**

Different brands/strengths of this medication may have different storage requirements. Read the package labeling or ask your pharmacist for the storage requirements for the product you are using. Protect from light. Do not store in the bathroom. Keep all medicines away from children and pets.

**DOSAGE**

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

* Take Loratadine by mouth with or without food.

* If you miss a dose of Loratadine , 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.

The usual dose of loratadine is 10 mg daily for adults and children older than six years of age.

Take this medication by mouth once a day or as directed. Do not increase your dose or take this more often than directed. Do not take this medication for several days before allergy testing since test results can be affected.

**DRUG DESCRIPTION**

Loratadine is a white to off-white powder not soluble in water, but very soluble in acetone, alcohol, and chloroform. It has a molecular weight of 382.89, and empirical formula of C22H23CIN2O2; its chemical name is ethyl 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene) -1-piperidinecarboxylate

Loratadine Tablets contain 10 mg micronized loratadine, an antihistamine, to be administered orally. It also contains the following inactive ingredients: corn starch, lactose, and magnesium stearate.

Loratadine Syrup contains 1 mg/mL micronized loratadine, an antihistamine, to be administered orally. It also contains the following inactive ingredients:citric acid, edetate disodium, artificial flavor, glycerin, propylene glycol, sodium benzoate, sugar, and water. The pH is between 2.5 and 3.1.

Loratadine REDITABS (loratadine rapidly-disintegrating tablets) contain 10 mg micronized loratadine, an antihistamine, to be administered orally. It disintegrates in the mouth within seconds after placement on the tongue, allowing its contents to be subsequently swallowed with or without water. Loratadine REDITABS (loratadine rapidly-disintegrating tablets) also contain the following inactive ingredients: citric acid, gelatin, mannitol, and mint flavor.

**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

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http://www.tajapi.com
or by contacting the sponsor, Taj Pharmaceuticals Limited., at:
91 022 30601000.
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