

Nizatidine Cas No. : 70458-96-7

Nizatidine is used to treat ulcers of the stomach and intestines and prevent them from coming back after they have healed. This medication is also used to treat certain stomach and throat (esophagus) problems caused by too much stomach acid (e.g., erosive esophagitis) or a backward flow of stomach acid into the esophagus (acid reflux disease/GERD).

Active Pharmaceuticals Ingredients Manufacturers

Taj Pharmaceuticals Ltd.

**Nizatidine**

CAS No. : 76963-41-2



Systematic (IUPAC) name

N-(2-[(2-[(dimethylamino)methyl]thiazol-4-yl)methylthio]ethyl)-N-methyl-2-nitroethene-1,1-diamine

Identifiers

CAS number 76963-41-2

ATC code A02BA04

PubChem 3033637

DrugBank APRD00706

Chemical data

Formula C<sub>12</sub>H<sub>21</sub>N<sub>5</sub>O<sub>2</sub>S<sub>2</sub>

Mol. mass 331.46 g/mol

Pharmacokinetic data

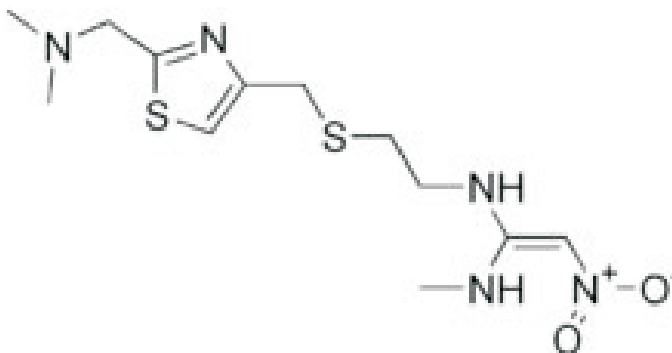
Bioavailability &gt;70%

Protein binding 35%

Metabolism Hepatic

Half life 1-2 hours

Excretion Renal



Nizatidine is a histamine H<sub>2</sub>-receptor antagonist that inhibits stomach acid production, and commonly used in the treatment of peptic ulcer disease (PUD) and gastroesophageal reflux disease (GERD).

USES

Nizatidine is used to treat ulcers of the stomach and intestines and prevent them from coming back after they have healed. This medication is also used to treat certain stomach and throat (esophagus) problems caused by too much stomach acid (e.g., erosive esophagitis) or a backward flow of stomach acid into the esophagus (acid reflux disease /GERD). Decreasing extra stomach acid can help relieve symptoms such as stomach pain, heartburn, difficulty swallowing, persistent cough, and trouble sleeping. It can also prevent serious acid damage to your digestive system (e.g., ulcers, cancer of the esophagus).

Nizatidine belongs to a class of drugs commonly called H<sub>2</sub> blockers. It works by reducing the amount of acid in your stomach.

HOW TO USE

Take this medication by mouth with or without food, usually once or twice a day as directed by your doctor. If you are taking this medication once daily, it is usually taken right before bedtime. If you are taking the solution, measure the dose carefully using a medication spoon/cup. Do not use a household spoon.

The dosage and length of treatment are based on your medical condition and response to therapy. Follow your doctor's instructions carefully. If you are also taking antacids to relieve stomach pain as recommended by your doctor, you may take them at the same time as nizatidine.



Taj Pharmaceuticals Ltd.  
**N i z a t i d i n e**

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Take this medication regularly as prescribed in order to get the most benefit from it. To help you remember, take it at the same time(s) each day. Do not increase your dose or take it more often than directed. Continue to take this medication for the prescribed length of treatment even if you are feeling better. Stopping treatment too early may delay the healing process.

### **SIDE EFFECTS**

Headache, dizziness, or diarrhea may occur. If any of these effects persist or worsen, notify your doctor or pharmacist promptly.

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 very 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, severe dizziness, trouble breathing.

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

### **PRECAUTIONS**

Before taking nizatidine, tell your doctor or pharmacist if you are allergic to it; or to other H2 blockers (e.g., cimetidine, famotidine, ranitidine); or if you have any other allergies.

Before using this medication, tell your doctor or pharmacist your medical history, especially of: immune system problems, kidney problems, liver problems, certain lung diseases (chronic obstructive pulmonary disease-COPD), diabetes, other stomach problems (e.g., tumors).

Some symptoms may actually be signs of a more serious condition. Tell your doctor immediately if you have: heartburn with lightheadedness/sweating/dizziness, chest/shoulder/jaw pain (especially with trouble breathing), pain spreading to arms/neck/shoulders, unexplained weight loss.

This drug may make you dizzy; use caution while engaging in activities requiring alertness such as driving or using machinery. Limit alcoholic beverages.

Kidney function declines as you grow older. This medication is removed by the kidneys. Therefore, the elderly may be more sensitive to the effects of this drug.

Nizatidine should be used only when clearly needed during pregnancy. Discuss the risks and benefits with your doctor. Very small amounts of nizatidine pass into breast milk. Consult your doctor before breast-feeding.

### **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

Store in a tightly closed container at room temperature between 59-86 degrees F (15-30 degrees C) away from moisture and light. Do not store in the bathroom. Keep all medicines away from children and pets.

## DOSAGE

May be taken with or without food. This medication may be taken without regard to meals. Do not increase your dose, take this more often than prescribed or stop taking this without first consulting your doctor.

Nizatidine comes as a tablet and capsule to take by mouth. It usually is taken once daily at bedtime or twice a day with or without food. Follow the directions on the package or on your prescription label carefully, and ask your doctor or pharmacist to explain any part you do not understand. Take nizatidine exactly as directed. Do not take more or less of it or take it more often than prescribed by your doctor.

If symptoms of heartburn, acid indigestion, or sour stomach last for longer than 2 weeks while taking nizatidine, stop taking it and call your doctor.

**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  
Taj Pharmaceuticals Limited,  
Mumbai (India).

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