

**Alfuzosin Cas No. : 81403-80-7**

Alfuzosin is in a group of drugs called alpha-adrenergic blockers. Alfuzosin helps relax the muscles in the prostate and bladder neck, making it easier to urinate. Alfuzosin is used to treat benign prostatic hyperplasia (enlarged prostate). Alfuzosin may also be used for other purposes not listed in this medication guide.

Active Pharmaceuticals Ingredients Manufacturers



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**Taj Pharmaceuticals Ltd.****Alfuzosin****CAS No. : 81403-80-7****Chemical formulas**

C<sub>19</sub>H<sub>30</sub>N<sub>3</sub>O<sub>4</sub> · HCl 2H<sub>2</sub>O, Alfuzosin hydrochloride is  
C<sub>19</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub>·HCl, Molecular Formula: C<sub>6</sub>H<sub>10</sub>ClNO<sub>4</sub>,

**Identifiers**

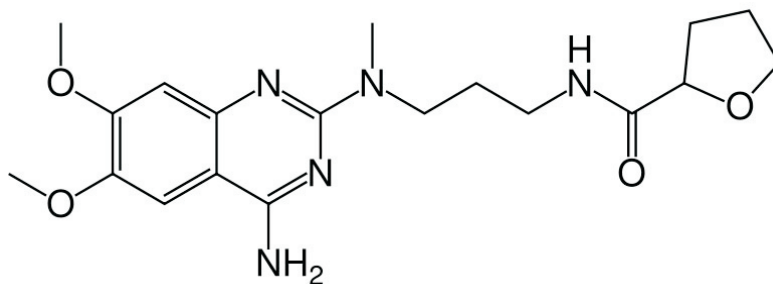
ATC code G04CA01  
PubChem 2092  
DrugBank APRD00490  
ChemSpider 2008

**Chemical data**

Formula C<sub>19</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub>  
Molecular Weight: 425.91

**Pharmacokinetic data**

Bioavailability 49%  
Protein binding 82%-90%  
Metabolism Hepatic (CYP3A4-mediated)  
Half life 10 hours  
Excretion Fecal (69%) and renal (24%)

**What is alfuzosin?**

Alfuzosin is in a group of drugs called alpha-adrenergic blockers. Alfuzosin helps relax the muscles in the prostate and bladder neck, making it easier to urinate. Alfuzosin is used to treat benign prostatic hyperplasia (enlarged prostate). Alfuzosin may also be used for other purposes not listed in this medication guide.

**Alfuzosin Dosing Information****Usual Adult Dose for Benign Prostatic Hyperplasia:**

10 mg orally once a day immediately after the same meal each day.

**DRUG DESCRIPTION**

Alfuzosin hydrochloride is a white to off-white crystalline powder that melts at approximately 240°C. It is freely soluble in water, sparingly soluble in alcohol, and practically insoluble in dichloromethane. Alfuzosin hydrochloride is (R,S)-N-[3-[(4-amino-6,7-dimethoxy-2-quinazolinyl) methylamino] propyl] tetrahydro-2-furancarboxamide hydrochloride. The empirical formula of alfuzosin hydrochloride is C<sub>19</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub>·HCl.

DIN (Drug Identification Number)

02315866 APO-ALFUZOSIN 10MG TABLET



Taj Group of Companies

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## Alfuzosin

CAS NO : 81403-80-7



### Chemical Data

Alfuzosin Systematic (IUPAC) name N-[3-[(4-amino-6,7-dimethoxy-quinazolin-2-yl)- methyl-amino]propyl] tetrahydrofuran- 2-carboxamide Identifiers CAS number 81403-80-7 ATC code G04CA01 PubChem 2092 DrugBank APRD00490 Chemical data Formula C19H27N5O4 Mol. weight 389.449 g/mol Pharmacokinetic data Bioavailability 49% Protein binding 82%-90% Metabolism Hepatic (CYP3A4-mediated) Half life 10 hours Excretion Fecal (69%) and renal (24%) Therapeutic con....

### Storage

Store Uroxatral at room temperature, between 68 and 77 degrees F (20 and 25 degrees C). Store away from heat, moisture, and light. Keep Uroxatral out of the reach of children and away from pets.

### SIDE EFFECTS

Dizziness/lightheadedness or headache may occur. If any of these effects persist or worsen, notify your doctor promptly. Promptly tell your doctor if decreased sexual ability occurs.

Tell your doctor immediately if any of these serious side effects occur: unusual fatigue/weakness, joint pain, trouble breathing, stomach/abdominal pain, back pain.

Tell your doctor immediately if any of these unlikely but serious side effects occur: unusually fast heartbeat, chest pain. Males - though it is unlikely to occur, if you get a painful, prolonged erection, stop using this drug and seek immediate medical attention.

If you notice other effects not listed above, contact your doctor.

There are a number of possible side effects with alfuzosin that you should report to your healthcare provider. Fainting, which can be a sign of dangerously low blood pressure (hypotension) or a life-threatening irregular heart rhythm known as QT prolongation.

A new onset of chest pain (angina) or worsening of pre-existing chest pain.

Signs of an allergic reaction, including an unexplained rash, hives, itching, unexplained swelling, wheezing, or difficulty breathing or swallowing.





## Drug Uses

Alfuzosin is used to treat a condition of the prostate gland called BPH (benign prostatic hyperplasia) or "enlarged prostate".

It blocks the chemicals in the body that affect the prostate gland. BPH can block the flow of urine out of the bladder and may cause painful and/or difficult urination.

This medication is used to treat the symptoms of a prostate gland condition called BPH (benign prostatic hyperplasia, also known as enlarged prostate).

It is an alpha blocker that works by relaxing the muscles in the bladder neck and prostate.

Relaxing these muscles leads to relief of symptoms of BPH such as the feeling of needing to urinate frequently or urgently, difficulty in beginning the flow of urine, weak stream, and the need to urinate during the middle of the night.

This medication should not be used to treat high blood pressure.

### 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).

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