

Package leaflet: Information for the patient

Atazanavir Rowex 200 mg hard capsules Atazanavir Rowex 300 mg hard capsules

atazanavir

Read all of this leaflet carefully before you start taking this medicine because it contains important information for you.

- Keep this leaflet. You may need to read it again.
- If you have any further questions, ask your doctor or pharmacist.
- This medicine has been prescribed for you only. Do not pass it on to others. It may harm them, even if their signs of illness are the same as yours.
- If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. See section 4.

What is in this leaflet

1. What Atazanavir Rowex is and what it is used for
2. What you need to know before you take Atazanavir Rowex
3. How to take Atazanavir Rowex
4. Possible side effects
5. How to store Atazanavir Rowex
6. Contents of the pack and other information

1. What Atazanavir Rowex is and what it is used for

Atazanavir Rowex is an antiviral (or antiretroviral) medicine. It is one of a group called *protease inhibitors*. These medicines control Human Immunodeficiency Virus (HIV) infection by stopping a protein that the HIV needs for its multiplication. They work by reducing the amount of HIV in your body and this in turn, strengthens your immune system. In this way Atazanavir Rowex reduces the risk of developing illnesses linked to HIV infection.

Atazanavir Rowex capsules may be used by adults and children 6 years of age and older. Your doctor has prescribed Atazanavir Rowex for you because you are infected by the HIV that causes Acquired Immunodeficiency Syndrome (AIDS). It is normally used in combination with other anti-HIV medicines. Your doctor will discuss with you which combination of these medicines with Atazanavir Rowex is best for you.

2. What you need to know before you take Atazanavir Rowex

Do not take Atazanavir Rowex

- **if you are allergic** to atazanavir or any of the other ingredients of this medicine (listed in section 6)
- **if you have moderate to severe liver problems.** Your doctor will evaluate how severe your liver disease is before deciding whether you can take **Atazanavir Rowex**
- **if you are taking any of these medicines:** see also *Other medicines and Atazanavir Rowex*
 - rifampicin (an antibiotic used to treat tuberculosis)
 - astemizole or terfenadine (commonly used to treat allergy symptoms, these medicines may be available without prescription); cisapride (used to treat gastric reflux, sometimes called heartburn); pimozide (used to treat schizophrenia); quinidine or bepridil (used to correct heart rhythm); ergotamine, dihydroergotamine, ergonovine, methylergonovine (used to treat headaches); and alfuzosin (used to treat enlarged prostatic gland)
 - quetiapine (used to treat schizophrenia, bipolar disorder and major depressive

- disorder); lurasidone (used to treat schizophrenia)
- medicines containing St. John's wort (*Hypericum perforatum*, a herbal preparation)
- triazolam and oral (taken by mouth) midazolam (used to help you sleep and/or to relieve anxiety)
- lomitapide, simvastatin, and lovastatin (used to lower blood cholesterol)
- grazoprevir-containing products, including elbasvir/grazoprevir fixed dose combination and glecaprevir/pibrentasvir fixed dose combination (used to treat chronic hepatitis C infection).

Do not take sildenafil with Atazanavir Rowex when sildenafil is used for the treatment of pulmonary arterial hypertension. Sildenafil is also used for the treatment of erectile dysfunction. Tell your doctor if you are using sildenafil for the treatment of erectile dysfunction.

Tell your doctor at once if any of these apply to you.

Warnings and precautions

Atazanavir Rowex is not a cure for HIV infection. You may continue to develop infections or other illnesses linked to HIV infection. You can still pass on HIV when taking this medicine, although the risk is lowered by effective antiretroviral therapy. Discuss with your doctor the precautions needed to avoid infecting other people.

Some people will need special care before or while taking Atazanavir Rowex. Talk to your doctor or pharmacist before taking Atazanavir Rowex and make sure your doctor knows:

- if you have hepatitis B or C
- if you develop signs or symptoms of gall stones (pain at the right side of your stomach)
- if you have type A or B haemophilia
- if you require haemodialysis

Atazanavir Rowex may affect how well your kidneys work.

Kidney stones have been reported in patients taking atazanavir. If you develop signs or symptoms of kidney stones (pain in your side, blood in your urine, pain when you urinate), please inform your doctor immediately.

In some patients with advanced HIV infection (AIDS) and a history of opportunistic infection, signs and symptoms of inflammation from previous infections may occur soon after anti-HIV treatment is started. It is believed that these symptoms are due to an improvement in the body's immune response, enabling the body to fight infections that may have been present with no obvious symptoms. If you notice any symptoms of infection, please inform your doctor immediately. In addition to the opportunistic infections, autoimmune disorders (a condition that occurs when the immune system attacks healthy body tissue) may also occur after you start taking medicines for the treatment of your HIV infection. Autoimmune disorders may occur many months after the start of treatment. If you notice any symptoms of infection or other symptoms such as muscle weakness, weakness beginning in hands and feet and moving up towards the trunk of the body, palpitations, tremor or hyperactivity, please inform your doctor immediately to seek necessary treatment.

Some patients taking combination antiretroviral therapy may develop a bone disease called osteonecrosis (death of bone tissue caused by loss of blood supply to the bone). The length of combination antiretroviral therapy, corticosteroid use, alcohol consumption, severe immunosuppression, higher body mass index, among others, may be some of the many risk factors for developing this disease. Signs of osteonecrosis are joint stiffness, aches and pains (especially of the hip, knee and shoulder) and difficulty in movement. If you notice any of these symptoms please inform your doctor.

Hyperbilirubinaemia (an increase in the level of bilirubin in the blood) has occurred in patients receiving atazanavir. The signs may be a mild yellowing of the skin or eyes. If you notice any of these symptoms please inform your doctor.

Serious skin rash, including Stevens-Johnson syndrome, has been reported in patients taking atazanavir. If you develop a rash inform your doctor immediately.

If you notice a change in the way your heart beats (heart rhythm changes), please inform your doctor. Children receiving Atazanavir Rowex may require their heart to be monitored. Your child's doctor will decide this.

Children

Do not give this medicine to children younger than 3 months of age and weighing less than 5 kg. The use of atazanavir in children less than 3 months of age and weighing less than 5 kg has not been studied due to the risk of serious complications.

Other medicines and Atazanavir Rowex

You must not take Atazanavir Rowex with certain medicines. These are listed under “Do not take Atazanavir Rowex”, at the start of Section 2.

There are other medicines that may not mix with Atazanavir Rowex. Tell your doctor if you are taking, have recently taken, or might take any other medicines. It is especially important to mention these:

- other medicines to treat HIV infection (e.g. indinavir, nevirapine and efavirenz)
- sofosbuvir/velpatasvir/voxilaprevir (used to treat hepatitis C)
- sildenafil, vardenafil, or tadalafil (used by men to treat impotence (erectile dysfunction))
- if you are taking an oral contraceptive ("**the Pill**") with Atazanavir Rowex to prevent pregnancy, be sure to take it exactly as instructed by your doctor and not miss any doses
- any medicines used to treat diseases related to the acid in the stomach (e.g. antacids to be taken 1 hour before taking Atazanavir Rowex or 2 hours after taking Atazanavir Rowex, H2-blockers like famotidine and proton pump inhibitors like omeprazole)
- medicines to lower blood pressure, to slow heart rate, or to correct heart rhythm (amiodarone, diltiazem, systemic lidocaine, verapamil)
- atorvastatin, pravastatin, and fluvastatin (used to lower blood cholesterol)
- salmeterol (used to treat asthma)
- cyclosporin, tacrolimus, and sirolimus (medicines to decrease the effects of body's immune system)
- certain antibiotics (rifabutin, clarithromycin)
- ketoconazole, itraconazole, and voriconazole (antifungals)
- apixaban, dabigatran, edoxaban, rivaroxaban, and warfarin (anticoagulants, used to reduce the blood clots)
- carbamazepine, phenytoin, phenobarbital, lamotrigine (antiepileptics)
- irinotecan (used to treat cancer)
- sedative agents (e.g. midazolam administered by injection)
- buprenorphine (used to treat opioid addiction and pain).

Some medicines may interact with ritonavir, a medicine that is taken with Atazanavir Rowex. It is important to tell your doctor if you are taking fluticasone or budesonide (given by nose or inhaled to treat allergic symptoms or asthma).

Atazanavir Rowex with food and drink

It is important that you take Atazanavir Rowex with food (a meal or a substantial snack) as this helps the body absorb the medicine.

Pregnancy and breast-feeding

If you are pregnant or breast-feeding, think you may be pregnant or are planning to have a baby, ask your doctor for advice before taking this medicine.

Atazanavir, the active substance of Atazanavir Rowex, is excreted in human milk. Patients should not breast-feed while taking Atazanavir Rowex. It is recommended that women infected with HIV do not breast-feed because the virus might be transmitted through the breast milk.

Driving and using machines

If you feel dizzy or lightheaded, do not drive or use machines and contact your doctor immediately.

Atazanavir Rowex contains sodium and lactose

This medicine contains less than 1 mmol sodium (23 mg) per hard capsule, that is to say essentially 'sodium-free'.

If you have been told by your doctor that you have an intolerance to some sugars, contact your doctor before taking this medicine.

3. How to take Atazanavir Rowex

Always take this medicine exactly as your doctor has told you. Check with your doctor if you are not sure. This way, you can be sure your medicine is fully effective and you reduce the risk of the virus developing resistance to the treatment.

The recommended adult dose of Atazanavir Rowex capsules is 300 mg once daily with 100 mg ritonavir once daily and with food, in combination with other anti-HIV medicines. Your doctor may adjust the dose of Atazanavir Rowex according to your anti-HIV therapy.

For children (6 to less than 18 years of age), your child's doctor will decide the right dose based on your child's weight. The dose of Atazanavir Rowex capsules for children is calculated by body weight and is taken once daily with food and 100 mg ritonavir as shown below:

Body Weight (kg)	Atazanavir Rowex Dose once daily (mg)	Ritonavir Dose* once daily (mg)
15 to less than 35	200	100
at least 35	300	100
*Ritonavir capsules, tablets or oral solution may be used.		

Other forms of this medicine may be available for use in children at least 3 months old and weighing at least 5 kg. Switching to capsules from other formulations is encouraged as soon as patients are able to consistently swallow capsules.

A change in dose may occur when switching between other formulations and capsules. Your doctor will decide the right dose based on your child's weight.

There are no dosing recommendations for Atazanavir Rowex in paediatric patients less than 3 months of age.

Take Atazanavir Rowex capsules with food (a meal or a substantial snack). Swallow the capsules whole.

Do not open the capsules.

If you take more Atazanavir Rowex than you should

Yellowing of the skin and/or eyes (jaundice) and irregular heartbeat (QTc prolongation) may occur if you or your child take too much Atazanavir Rowex.

If you accidentally take more Atazanavir Rowex capsules than your doctor recommended, contact your HIV doctor at once or contact the nearest hospital for advice.

If you forget to take Atazanavir Rowex

If you miss a dose, take the missed dose as soon as possible with food and then take your next scheduled dose at its regular time. If it is almost time for your next dose, do not take the missed dose. Wait and take the next dose at its regular time. **Do not take a double dose to make up for a forgotten dose.**

If you stop taking Atazanavir Rowex

Do not stop taking Atazanavir Rowex before talking to your doctor.

If you have any further questions on the use of this medicine, ask your doctor.

4. Possible side effects

Like all medicines, this medicine can cause side effects, although not everybody gets them. When treating HIV infection, it is not always easy to identify what side effects are caused by Atazanavir Rowex, by the other medicines you are taking, or by the HIV infection itself. Tell your doctor if you notice anything unusual about your health.

During HIV therapy there may be an increase in weight and in levels of blood lipids and glucose. This is partly linked to restored health and lifestyle, and in the case of blood lipids sometimes to the HIV medicines themselves. Your doctor will test for these changes.

Tell your doctor immediately if you develop any of the following serious side effects:

- Skin rash, itching that may occasionally be severe has been reported. The rash usually disappears within 2 weeks without any change to your Atazanavir Rowex treatment. Severe rash may be developed in association with other symptoms which could be serious. Stop taking Atazanavir Rowex and talk to your doctor immediately if you develop a severe rash or a rash with flu-like illness symptoms, blisters, fever, mouth sores, muscle or joint pain, swelling in the face, inflammation of the eye which causes redness (conjunctivitis), painful, warm, or red lumps (nodules).
- Yellowing of your skin or the white part of your eyes caused by high levels of bilirubin in your blood has been commonly reported. This side effect is usually not dangerous in adults and infants older than 3 months of age; but it might be a symptom of a serious problem. If your skin or the white part of your eyes turns yellow, talk to your doctor immediately.
- Changes in the way your heart beats (heart rhythm change) may occasionally happen. Talk to your doctor immediately if you get dizzy, lightheaded or if you suddenly faint. These could be symptoms of a serious heart problem.
- Liver problems may uncommonly happen. Your doctor should do blood tests prior to you starting Atazanavir Rowex and during treatment. If you have liver problems, including hepatitis B or C infection, you may experience a worsening of your liver problems. Talk to your doctor immediately if you get dark (tea-coloured) urine, itching, yellowing of your skin or the white part of your eyes, pain around the stomach, pale coloured stools or nausea.
- Gallbladder problems uncommonly happen in people taking atazanavir. Symptoms of gallbladder problems may include pain in the right or middle upper stomach area, nausea, vomiting, fever or yellowing of your skin or the white part of your eyes.

- Atazanavir Rowex may affect how well your kidneys work.
- Kidney stones uncommonly happen in people taking atazanavir. Talk to your doctor immediately if you get symptoms of kidney stones which may include, pain in your low back or low stomach-area, blood in your urine or pain when you urinate.

Other side effects reported for patients treated with Atazanavir Rowex are the following:

Common (may affect up to 1 in 10 people):

- headache
- vomiting, diarrhoea, abdominal pain (stomach pain or discomfort), nausea, dyspepsia (indigestion)
- fatigue (extreme tiredness).

Uncommon (may affect up to 1 in 100 people):

- peripheral neuropathy (numbness, weakness, tingling or pain in the arms and legs)
- hypersensitivity (allergic reaction)
- asthenia (unusual tiredness or weakness)
- weight decreased, weight gain, anorexia (loss of appetite), appetite increased
- depression, anxiety, sleep disorder
- disorientation, amnesia (loss of memory), dizziness, somnolence (sleepiness), abnormal dream
- syncope (fainting), hypertension (high blood pressure)
- dyspnoea (shortness of breath)
- pancreatitis (inflammation of the pancreas), gastritis (inflammation of the stomach), stomatitis aphthous (mouth ulcers and cold sores), dysgeusia (impairment of the sense of taste), flatulence (wind), dry mouth, abdominal distension
- angioedema (severe swelling of the skin and other tissues most often the lips or the eyes)
- alopecia (unusual hair loss or thinning), pruritus (itching)
- muscle atrophy (muscle shrinkage), arthralgia (joint pain), myalgia (aching muscles)
- interstitial nephritis (kidney inflammation), haematuria (blood in the urine), proteinuria (excess protein in the urine), pollakiuria (increased frequency of urination)
- gynaecomastia (breast enlargement in men)
- chest pain, malaise (generally feeling unwell), fever
- insomnia (difficulty sleeping).

Rare (may affect up to 1 in 1,000 people):

- gait disturbance (abnormal manner of walking)
- oedema (swelling)
- hepatosplenomegaly (enlargement of the liver and spleen)
- myopathy (aching muscles, muscle tenderness or weakness, not caused by exercise)
- kidney pain.

Reporting of side effects

If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via the national reporting system: HPRA Pharmacovigilance; website: www.hpra.ie. By reporting side effects, you can help provide more information on the safety of this medicine.

5. How to store Atazanavir Rowex

Keep this medicine out of the sight and reach of children.

Do not use this medicine after the expiry date which is stated on the carton, bottle label or blister after “EXP”. The expiry date refers to the last day of that month.

Do not store above 30°C.

Shelf life after first opening of the bottle:

200 mg hard capsules:

Use within 4 months after first opening.

300 mg hard capsules:

Use within 2 months after first opening.

Do not throw away any medicines via wastewater or household waste. Ask your pharmacist how to throw away medicines you no longer use. These measures will help protect the environment.

6. Contents of the pack and other information

What Atazanavir Rowex contains

- The active substance is atazanavir.
Each capsule contains 200 mg of atazanavir (as sulfate).
Each capsule contains 300 mg of atazanavir (as sulfate).

200 mg hard capsules

- The other ingredients are lactose monohydrate, crospovidone (type A) (E1202), colloidal anhydrous silica (E551), magnesium stearate (E470b). The capsule shell and printing ink contain gelatin, titanium dioxide (E171), indigotine (E132) (contains sodium), shellac, propylene glycol (E1520).

300 mg hard capsules

- The other ingredients are lactose monohydrate, crospovidone (type A) (E1202), colloidal anhydrous silica (E551), magnesium stearate (E470b). The capsule shell and printing ink contain gelatin, titanium dioxide (E171), indigotine (E132) (contains sodium), red iron oxide (E172), shellac, propylene glycol (E1520).

What Atazanavir Rowex looks like and contents of the pack

200 mg hard capsules:

Opaque, blue capsule of size 0 printed with white ink, with “200 mg” on the cap.

300 mg hard capsules:

Opaque red and blue capsule of size 00 printed with white ink, with “300 mg” on the cap.

The hard capsules are packed in Aluminium-OPA/Alu/PVC unit dose perforated blisters, Aluminium-OPA/Alu/PVC blisters or HDPE bottles closed with child-resistant polypropylene closure.

Pack sizes:

200 mg hard capsules:

Unit dose blister: 60 x 1 hard capsules; 10 blister cards of 6 x 1 hard capsules each

Blister: 60 hard capsules; 10 blister cards of 6 hard capsules each

Bottle: 60 hard capsules

300 mg hard capsules:

Unit dose blister:

30 x 1 hard capsules; 5 blister cards of 6 x 1 hard capsules each

multipack containing 60 x 1 (2 packs of 30 x 1) hard capsule

multipack containing 90 x 1 (3 packs of 30 x 1) hard capsules

multipack containing 120 x 1 (4 packs of 30 x 1) hard capsules

Blister:

30 hard capsules; 5 blister cards of 6 hard capsules each
multipack containing 60 (2 packs of 30) hard capsules
multipack containing 90 (3 packs of 30) hard capsules
multipack containing 120 (4 packs of 30) hard capsules

Bottles:

30 hard capsules
multipack containing 60 (2 packs of 30) hard capsules
multipack containing 90 (3 packs of 30) hard capsules
multipack containing 120 (4 packs of 30) hard capsules

Not all pack sizes may be marketed.

Marketing Authorisation Holder and Manufacturers

Marketing Authorisation Holder

Rowex Ltd., Bantry, Co. Cork, Ireland.

Manufacturers

Lek Pharmaceuticals d.d., Verovškova 57, 1526 Ljubljana, Slovenia.

Remedica Ltd., Aharnon Street, Limassol Industrial Estate, 3056 Limassol, Cyprus.

This medicinal product is authorised in the Member States of the EEA under the following names:

Germany	Atazanavir - 1 A Pharma 100 mg Hartkapseln Atazanavir - 1 A Pharma 150 mg Hartkapseln Atazanavir - 1 A Pharma 200 mg Hartkapseln Atazanavir - 1 A Pharma 300 mg Hartkapseln
France	ATAZANAVIR SANDOZ 150 mg, gélule ATAZANAVIR SANDOZ 200 mg, gélule ATAZANAVIR SANDOZ 300 mg, gélule
Ireland	Atazanavir Rowex 200 mg hard capsules Atazanavir Rowex 300 mg hard capsules
Latvia	Atazanavir Sandoz 200 mg cietās kapsulas Atazanavir Sandoz 300 mg cietās kapsulas
Netherlands	Atazanavir Sandoz 100 mg, harde capsules Atazanavir Sandoz 150 mg, harde capsules Atazanavir Sandoz 200 mg, harde capsules Atazanavir Sandoz 300 mg, harde capsules
Poland	Atazanavir Sandoz
Portugal	Atazanavir Sandoz
Romania	Atazanavir Sandoz 100 mg capsule Atazanavir Sandoz 150 mg capsule Atazanavir Sandoz 200 mg capsule Atazanavir Sandoz 300 mg capsule
United Kingdom	Atazanavir sulphate Sandoz 100 mg capsule, hard Atazanavir sulphate Sandoz 150 mg capsule, hard Atazanavir sulphate Sandoz 200 mg capsule, hard Atazanavir sulphate Sandoz 300 mg capsule, hard

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