

Package leaflet: Information for the user

Ambrisentan 5 mg film-coated tablets Ambrisentan 10 mg film-coated tablets ambrisentan

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, pharmacist or nurse.
- 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, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.

What is in this leaflet:

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

1. What Ambrisentan is and what it is used for

This medicine contains the active substance ambrisentan. It belongs to a group of medicines called other antihypertensives (used to treat high blood pressure).

It is used to treat pulmonary arterial hypertension (PAH) in adults, adolescents and children aged 8 years and over. PAH is high blood pressure in the blood vessels (the pulmonary arteries) that carry blood from the heart to the lungs. In people with PAH, these arteries get narrower, so the heart has to work harder to pump blood through them. This causes people to feel tired, dizzy and short of breath.

Ambrisentan widens the pulmonary arteries, making it easier for the heart to pump blood through them. This lowers the blood pressure and relieves the symptoms.

Ambrisentan may also be used in combination with other medicines used to treat PAH.

2. What you need to know before you take Ambrisentan

Do not take Ambrisentan:

- if you are **allergic** to ambrisentan or any of the other ingredients of this medicine (listed in section 6)
- **If you are pregnant, if you are planning to become pregnant, or if you could become pregnant** because you are not using reliable birth control (contraception). Please read the information under 'Pregnancy'
- If you are **breast-feeding**. Read the information under 'Breast-feeding'
- If you **have liver disease**. Talk to your doctor, who will decide whether this medicine is suitable for you
- If you have **scarring of the lungs**, of unknown cause (idiopathic pulmonary fibrosis).

Warnings and precautions

Talk to your doctor before taking this medicine

- if you have liver problems

- if you have anaemia (a reduced number of red blood cells)
- if you have swelling in the hands, ankles or feet caused by fluid (*peripheral oedema*)
- if you have lung disease where the veins in the lungs are blocked (*pulmonary veno-occlusive disease*).

→ **Your doctor will decide** whether ambrisentan is suitable for you.

You will need regular blood tests

Before you start taking ambrisentan, and at regular intervals while you are taking it, your doctor will take blood tests to check:

- whether you have anaemia
- whether your liver is working properly.

→ It is important that you have these regular blood tests for as long as you are taking ambrisentan.

Signs that your liver may not be working properly include:

- loss of appetite
- feeling sick (*nausea*)
- being sick (*vomiting*)
- high temperature (*fever*)
- pain in your stomach (*abdomen*)
- yellowing of your skin or the whites of your eyes (*jaundice*)
- dark-coloured urine
- Itching of your skin.

If you notice any of these signs: **Tell your doctor immediately.**

Children

Do not give this medicine to children aged under 8 years as the safety and effectiveness is not known in this age group.

Other medicines and Ambrisentan

Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines.

If you start taking **cyclosporine A** (a medicine used after transplant or to treat psoriasis), your doctor may need to adjust your dose of this medicine.

If you are taking **rifampicin** (an antibiotic used to treat serious infections) your doctor will monitor you when you first start taking this medicine.

If you are taking other medicines to treat PAH (e.g. iloprost, epoprostenol, sildenafil) your doctor may need to monitor you.

→ **Tell your doctor or pharmacist** if you are taking any of these medicines.

Pregnancy

Ambrisentan may harm unborn babies conceived before, during or soon after treatment.

→ **If it is possible you could become pregnant, use a reliable form of birth control** (contraception) while you are taking this medicine. Talk to your doctor about this.

→ **Don't take Ambrisentan if you are pregnant or planning to become pregnant.**

→ **If you become pregnant or think that you may be pregnant** while you are taking this medicine, **see your doctor immediately.**

If you are a woman who could become pregnant, your doctor will ask you to take a pregnancy test before you start taking this medicine and regularly while you are taking this medicine.

Breast-feeding

It is not known if the active substance of ambrisentan can pass into breast milk.

→ **Don't breast-feed while you're taking this medicine.** Talk to your doctor about this.

Fertility

If you are a man taking ambrisentan, it is possible that this medicine may lower your sperm count. Talk to your doctor if you have any questions or concerns about this.

Driving and using machines

Ambrisentan may cause side effects, such as low blood pressure, dizziness, tiredness (see section 4), that may affect your ability to drive or use machines. The symptoms of your condition can also make you less fit to drive or use machines.

→ **Don't drive or use machines if you are feeling unwell.**

Ambrisentan contains lactose

The tablets contain small amounts of a sugar called lactose. If you have been told by your doctor that you have an intolerance to some sugars,

→ **Contact your doctor** before taking this medicinal product.

Ambrisentan contains sodium

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

3. How to take Ambrisentan

Always take this medicine exactly as your doctor or pharmacist has told you to. Check with your doctor or pharmacist if you are not sure.

How much Ambrisentan to take

Adults

The usual dose of Ambrisentan is one 5 mg tablet, once a day. Your doctor may decide to increase your dose to 10 mg, once a day.

If you take cyclosporine A, do not take more than one 5 mg tablet of ambrisentan, once a day.

Adolescents and children aged 8 years to less than 18 years

Usual starting dose of Ambrisentan	
Weighing 35kg or more	One 5 mg tablet, once a day
Weighing at least 20kg ,and less than 35kg	2.5 mg (half 5 mg tablet), once a day

Your doctor may decide to increase your dose. It's important that children attend their regular doctor's appointments, as their dose needs to be adjusted as they get older or gain weight.

If taken in combination with cyclosporin A, the dose of ambrisentan for adolescents and children weighing less than 50 kg will be limited to 2.5 mg once daily, or 5 mg once daily if they weigh 50 kg or more.

How to take Ambrisentan

It is best to take your tablet at the same time each day. Swallow the tablet whole, with a glass of water, do not split (Ambrisentan 10 mg tablet), crush or chew the tablet. You can take Ambrisentan with or without food.

Ambrisentan 5 mg tablet can be divided into equal doses.

If you take more Ambrisentan than you should

If you take too many tablets you may be more likely to have side effects, such as headache, flushing, dizziness, nausea (feeling sick), or low blood pressure that could cause light-headedness.

→ **Ask your doctor or pharmacist for advice** if you take more tablets than prescribed.

If you forget to take Ambrisentan

If you forget a dose of ambrisentan, just take the tablet as soon as you remember, then carry on as before.

Don't take a double dose at the same time to make up for a forgotten dose.

If you stop taking Ambrisentan

Ambrisentan is a treatment that you will need to keep on taking to control your PAH.

→ **Don't stop taking Ambrisentan unless you have agreed this with your doctor.**

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

4. Possible side effects

Like all medicines, this medicine can cause side effects, although not everybody gets them.

Serious side effects

Tell your doctor if you get any of these:

Allergic reactions

This is a common side effect that may affect **up to 1 in 10** people. You may notice

- a rash or itching and swelling (usually of the face, lips, tongue or throat), which may cause difficulty in breathing or swallowing

Swelling (*oedema*), especially of the ankles and feet

This is a very common side effect that may affect **more than 1 in 10** people.

Heart failure

This is due to the heart not pumping out enough blood, This is a common side effect that may affect **up to one in 10** people.

Symptoms include:

- shortness of breath
- extreme tiredness
- swelling in the ankles and legs.

Reduced number of red blood cells (*anaemia*)

This is a very common side effect that may affect **more than one in 10** people. Sometimes this requires a blood transfusion. Symptoms include:

- tiredness and weakness
- shortness of breath
- generally feeling unwell.

Low blood pressure (*hypotension*)

This is a common side effect that may affect **up to one in 10** people.

Symptoms include:

- light-headedness.

→ **Tell your doctor straight away** if you (or your child) -get these effects or if they happen suddenly after taking Ambrisentan.

It is important to have regular blood tests, to check for anaemia and that your liver is working properly. **Make sure that you have also read the information in section 2** under 'You will need regular blood tests' and 'Signs that your liver may not be working properly'.

Other side effects:

Very common (may affect **more than 1 in 10** people):

- headache
- dizziness
- palpitations (fast or irregular heartbeats)
- shortness of breath getting worse shortly after starting Ambrisentan
- a runny or blocked nose, congestion or pain in the sinuses
- feeling sick (*nausea*)
- diarrhoea
- feeling tired

In combination with tadalafil (another PAH medicine)

In addition to the above:

- flushing (redness of the skin)
- being sick (*vomiting*)
- chest pain/discomfort.

Common (may affect **upto 1 in 10** people):

- blurry or other changes to vision
- fainting
- abnormal blood test results for liver function
- a runny nose
- constipation
- pain in your stomach (*abdomen*)
- chest pain or discomfort
- flushing (redness of the skin)
- being sick (*vomiting*)
- feeling weak
- nose bleed
- rash

In combination with tadalafil

In addition to the above, except abnormal blood test results for liver function):-
ringing in the ears (*tinnitus*)

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

- liver injury
- inflammation of the liver caused by the body's own defences (*autoimmune hepatitis*)

In combination with tadalafil

- sudden hearing loss.

Side effects in children and adolescents

These are expected to be similar to those listed above for adults.

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 Yellow Card Scheme at <http://www.mhra.gov.uk/yellowcard> or search for MHRA Yellow Card in the Google Play or Apple App Store. By reporting side effects, you can help provide more information on the safety of this medicine.

5. How to store Ambrisentan

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 package after EXP.

The expiry date refers to the last day of that month.

This medicine does not require any special storage conditions.

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 Ambrisentan contains

The active substance is ambrisentan.

Each film-coated tablet contains 5 or 10 mg.

The other ingredients are: lactose monohydrate, cellulose microcrystalline (PH102), croscarmellose sodium and magnesium stearate.

Tablet coating: Polyvinyl alcohol-part hydrolyzed (E1203), Talc (E553b), Titanium dioxide (E171), Macrogol 4000 (E1521), Iron oxide red (E172), Iron oxide yellow (E172) (only for 5 mg)

What Ambrisentan looks like and contents of the pack

Ambrisentan 5 mg film-coated tablets are yellow, capsule shaped, biconvex, approximately 7 mm length and 3.5 mm width, scored on both sides, debossed with "A" and "5" on one side and plain on other side. The tablet can be divided into equal doses.

Ambrisentan 10 mg film-coated tablets are pink, oval shaped, biconvex, approximately 10 mm length and 5 mm width, debossed with "A" on one side and "10" on other side.

Ambrisentan is supplied as 5 mg and 10 mg film-coated tablets in unit dose blister packs of 10x1, 30 or 30x1 tablets.

Not all pack sizes may be marketed.

Marketing Authorisation Holder

MSN Laboratories Europe Limited,
Invision House, Wilbury Way,
Hitchin, SG4 0TY,
United Kingdom.

Manufacturer

Pharmadox Healthcare Ltd.
KW20A Kordin Industrial Park
PLA3000 Paola
Malta

MSN Laboratories Europe Ltd.,
Devonshire Business Centre, Works Road,
Letchworth Garden City,
SG6 1GJ,
United Kingdom

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