

# Bosentan APO

*Bosentan monohydrate*

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## Consumer Medicine Informatio

**For a copy of a large print leaflet, Ph: 1800 195 055**

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### What is in this leaflet

This leaflet answers some common questions about bosentan. It does not contain all the available information. It does not take the place of talking to your doctor or pharmacist.

All medicines have risks and benefits. Your doctor has weighed the risks of you using this medicine against the benefits they expect it will have for you.

**If you have any concerns about taking this medicine, ask your doctor or pharmacist.**

**Keep this leaflet with the medicine.**

You may need to read it again.

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### What this medicine is used for

Bosentan is used to treat high blood pressure in the blood vessels between the heart and the lungs. This condition is called pulmonary arterial hypertension.

Bosentan belongs to a group of medicines called endothelin antagonists.

#### **How it works**

Bosentan acts to reduce abnormally high blood pressure by widening the blood vessels between the heart and lungs.

**Ask your doctor if you have any questions about why this medicine has been prescribed for you.**

Your doctor may have prescribed this medicine for another reason.

This medicine is available only with a doctor's prescription.

This medicine is not addictive.

There is limited experience with the use of this medicine in children.

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### Before you take this medicine

#### **When you must not take it**

**Do not take this medicine if you have an allergy to:**

- bosentan
- any of the ingredients listed at the end of this leaflet.

Some of the symptoms of an allergic reaction may include:

- shortness of breath
- wheezing or difficulty breathing
- swelling of the face, lips, tongue, throat or other parts of the body
- rash, itching or hives on the skin

**Do not take this medicine if you are pregnant or intend to become pregnant. You must stop taking this medicine at least 3 months before trying to become pregnant.**

Bosentan is known to cause harm to a developing baby if you take it in the three months before becoming pregnant and during pregnancy.

**Do not take this medicine if you are breastfeeding or planning to start breastfeeding. You are advised to stop breastfeeding if this**

**medicine is prescribed for you because it is not known if this drug passes into the milk in women who are taking this medicine.**

**Do not take this medicine if you have a moderate to severe liver disorder.**

**Do not take this medicine if you are taking ciclosporin A (a medicine used after a transplant or to treat psoriasis) or glibenclamide (a medicine used for diabetes).**

**Do not take this medicine after the expiry date printed on the pack or if the packaging is torn or shows signs of tampering.**

If it has expired or is damaged, return it to your pharmacist for disposal.

**If you are not sure whether you should start taking this medicine, talk to your doctor.**

#### **Before you start to take it**

**Tell your doctor if you have allergies to any other medicines, foods, preservatives or dyes.**

**Bosentan may harm sperm. All men should use effective birth control while taking this medicine and for 3 months after they stop taking it.**

**Sexually active women must use both hormonal and barrier methods of contraception.**

Bosentan may reduce the effectiveness of hormonal contraceptives, such as the pill, hormone patches, implants or injections. It is important to use other contraceptives, like condoms or an intrauterine device (IUD). Your

doctor will advise you about using reliable contraceptives before taking this medicine.

**You must have a negative pregnancy test at the time of starting treatment, and have a pregnancy test every month while you are taking this medicine if you are sexually active.**

Your doctor will need evidence that you are not pregnant before prescribing bosentan.

**Tell your doctor if you are a woman of childbearing potential and not using reliable contraceptive methods.**

You must have a negative pregnancy test before beginning treatment. The test should be performed on the second day of a normal menstrual period or 11 days after the last unprotected sexual intercourse, whichever is later. Your doctor will advise you about using reliable contraception before taking or whilst taking this medicine.

Hormonal contraception on its own is not a reliable option because this medicine may make this method ineffective in preventing pregnancy. Hormonal contraceptives include ones you take orally (the pill), patches you put on your skin, ones that are injected and implants. You should ALWAYS use additional methods of contraception, such as condoms and IUDs, and not rely only on hormonal contraception. You should have a pregnancy test every month while you are taking this medicine. You must stop taking this medicine for at least 3 months prior to becoming pregnant.

**Tell your doctor if you are breastfeeding.**

It is not known whether bosentan passes into breast milk. Do not take this medicine until you and your doctor have discussed the risks and benefits involved.

**Tell your doctor if you have allergies to:**

- Any other medicines

- Any other substances such as food, preservatives or dyes.

**Tell your doctor if you have or have had any of the following medical conditions:**

- anaemia
- hypotension
- liver or kidney disorders
- pulmonary arterial hypertension or lung disease /condition
- heart failure, coronary heart disease (CHD)
- HIV infection

**Tell your doctor if you are planning to have surgery, dental treatment or an anaesthetic.**

**If you have not told your doctor about any of the above, tell them before you start taking bosentan.**

### ***Taking other medicines***

**Tell your doctor or pharmacist if you are taking any other medicines, including any that you get without a prescription from your pharmacy, supermarket or health food shop.**

Some medicines must not be taken with bosentan. These include:

- ciclosporin A, used to prevent organ transplantation rejection
- glibenclamide, used to treat diabetes.

Some medicines may also interfere with bosentan. These include:

- hormonal contraceptives (oral, injectable, transdermal and implantable)
- simvastatin, used for lowering blood fats
- medicines for diabetes such as glibenclamide and tolbutamide.
- medicines for bacterial infections (e.g. rifampicin)
- medicines to prevent organ transplantation rejection (e.g. cyclosporin A, tacrolimus, sirolimus)
- lopinavir and ritonavir or other ritonavir-boosted protease

inhibitors, used to treat HIV infections

- digoxin, used to treat heart rhythm disorders
- sildenafil or tadalafil used to treat erectile dysfunction or pulmonary arterial hypertension
- warfarin, used to prevent blood clots
- medicines used for fungal infections (e.g. ketoconazole, fluconazole and voriconazole)
- phenytoin, carbamazepine or phenobarbital (medicines for seizures)
- nimodipine, a type of medication used to treat narrow blood vessels in the brain.
- St John's Wort

These medicines may be affected by this medicine or may affect how well it works. You may need different amounts of your medicines, or you may need to take different medicines.

Your doctor and pharmacist have more information on medicines to be careful with or avoid while taking this medicine.

Other medicines not listed above may also interact with bosentan.

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## **How to take this medicine**

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**Follow all directions given to you by your doctor carefully.**

They may differ to the information contained in this leaflet.

**If you do not understand the instructions on the bottle, ask your doctor or pharmacist for help.**

### ***How much to take***

Your doctor will tell you how much of this medicine you should take. This will depend on your condition and whether you are taking any other medicines.

The usual starting dose is one 62.5 mg tablet taken twice daily.

Depending on how you respond to the medicine, your doctor may increase the dosage after four weeks to one 125mg tablet twice daily.

**Talk to your doctor if you do not think the medicine is working or you think it is working too well. Your doctor may need to change the dose you are taking.**

### ***How to take it***

Swallow the tablet whole with a full glass of water.

### ***When to take it***

**Take one tablet in the morning and one tablet in the evening, at about the same time each day. It can be taken with or without food.**

Taking it at the same time each day will have the best effect and will also help you remember when to take it.

It does not matter if you take this medicine before or after food.

### ***How long to take it for***

**Continue taking your medicine for as long as your doctor tells you.**

Stopping your treatment may lead to a worsening of your symptoms. Your doctor may tell you to reduce the dose over a few days before stopping completely.

This medicine helps to control your condition but does not cure it. It is important to keep taking your medicine even if you feel well.

Make sure you have enough medicine to last over weekends and holidays.

### ***If you forget to take it***

**If it is almost time to take your next dose, skip the dose you missed and take your next dose when you are meant to.**

**Otherwise, take it as soon as you remember and then go back to taking your medicine as you would normally.**

**Do not take a double dose to make up for the dose you missed.**

This may increase the chance of you experiencing side effects.

**If you are not sure what to do, ask your doctor or pharmacist.**

**If you have trouble remembering to take your medicine, ask your pharmacist for some hints to help you remember.**

### ***If you take too much (overdose)***

**Immediately telephone your doctor or the Poisons Information Centre (telephone 13 11 26) for advice, or go to Accident and Emergency at your nearest hospital, if you think that you or anyone else may have taken too much of this medicine.**

**Do this even if there are no signs of discomfort or poisoning.**

You may need urgent medical attention.

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## **While you are taking this medicine**

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### ***Things you must do***

**It is very important that you have a liver function blood test before you start treatment and every month after that.**

Bosentan can cause liver damage if it is not found early. As this side effect may not cause symptoms at first, only a blood test can show that you have early liver damage. Regular blood tests let your doctor change or stop your therapy before there is permanent damage.

You should have a blood test for anaemia after 1 and 3 months and then every 3 months for the rest of your treatment.

**If you become pregnant while taking bosentan, tell your doctor immediately.**

You need to have pregnancy tests monthly if you are a female of childbearing age.

**If you are about to be started on any new medicine, remind your**

**doctor and pharmacist that you are taking this medicine.**

**If you are about to have any blood tests, tell the doctor that you are taking this medicine.**

**If you are going to have surgery, tell the surgeon and anaesthetist that you are taking this medicine.**

It may affect other medicines used during surgery.

**Tell any other doctors, dentists and pharmacists who are treating you that you take this medicine.**

### ***Things you must not do***

**Do not become pregnant whilst taking this medicine.**

You must have a pregnancy test every month while you are taking this medicine. Your doctor will need evidence that you are not pregnant before prescribing the medicine again.

**Do not give this medicine to anyone else, even if they have the same condition as you.**

**Do not take your medicine to treat any other complaints unless your doctor tells you to.**

**Do not stop taking your medicine or change your dosage without first checking with your doctor.**

Stopping your treatment may lead to worsening of your symptoms. Your doctor may tell you to reduce the dose over a few days before stopping completely.

### ***Things to be careful of***

**Be careful when driving or operating machinery until you know how this medicine affects you.**

This medicine may cause tiredness in some people. Feel dizzy or that your vision is blurred whilst taking this medicine. If you have any of these symptoms, do not drive, operate machinery or do anything else that could be dangerous.

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## Side effects

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**Tell your doctor or pharmacist as soon as possible if you do not feel well while you are taking bosentan.**

Bosentan helps most people with pulmonary hypertension but may have unwanted side effects in a few people. All medicines can have side effects. Sometimes they are serious, most of the time they are not. You may need medical attention if you get some of the side effects.

**Do not be alarmed by the following lists of side effects. You may not experience any of them.**

**Ask your doctor or pharmacist to answer any questions you may have.**

**Tell your doctor or pharmacist if you notice any of the following:**

- Headache
- respiratory tract infection
- anaemia
- abnormal liver function test or liver disorders
- inflamed throat and irritated nasal passages
- joint pain
- flushing (hot flushes)
- swelling of ankle, leg and signs of fluid retention
- low blood pressure
- blood disorders
- fast heart beat
- tiredness
- blurred vision
- hypersensitivity reactions including itching, rash, skin inflammation, skin redness
- blocked or runny nose
- heartburn or acid reflux
- diarrhoea.
- Nosebleed
- Body ache and pain
- Worsening of existing lung disease

The above list includes some side effects that may require medical attention.

**If any of the following happen, stop taking your medicine and contact your doctor immediately or go to Accident and Emergency at your nearest hospital:**

- anaphylaxis and/ or swelling most commonly around the eyes, lips, tongue, throat
- shortness of breath, wheezing or difficulty in breathing.
- nausea or vomiting
- fever
- unusual tiredness
- stomach pain
- yellowing of your skin or the whites of your eyes (jaundice).
- dark-coloured urine
- chest pain

The above list includes very serious side effects and you may need urgent medical attention or hospitalisation.

Serious side effects are uncommon.

**Tell your doctor or pharmacist if you notice anything else that is making you feel unwell.**

Other side effects not listed above may occur in some patients.

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## Storage and disposal

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### Storage

**Keep your medicine in its original packaging until it is time to take it.**

If you take your medicine out of its bottle it may not keep well.

**Keep your medicine in a cool dry place where the temperature stays below 30°C.**

**Do not store your medicine, or any other medicine, in the bathroom or near a sink. Do not leave it on a window sill or in the car.**

Heat and dampness can destroy some medicines.

**Keep this medicine where children cannot reach it.**

A locked cupboard at least one-and-a-half metres above the ground is a good place to store medicines.

### Disposal

If your doctor tells you to stop taking this medicine or the expiry date has passed, ask your pharmacist what to do with any medicine that is left over.

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## Product description

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### What it looks like

62.5 mg film coated tablets are light peach to peach coloured, round shaped, biconvex and debossed with '62.5' on one side and plain on the other side.

125 mg film coated tablets are light peach to peach coloured, oval shaped, biconvex and debossed with '125' on one side and plain on the other side.

### Ingredients

Each tablet contains 62.5 mg or 125 mg bosentan (as monohydrate) as the active ingredient.

It also contains the following inactive ingredients:

- maize starch
- pregelatinised maize starch
- sodium starch glycollate type A
- povidone
- glycerol dibehenate
- magnesium stearate

Film coating is OPADRY complete film coating system 21K520019

Yellow, which contains:

- hypromellose
- glycerol triacetate
- purified talc
- titanium dioxide
- iron oxide yellow
- iron oxide red

- ethylcellulose

This medicine does not contain gluten, lactose, sucrose, tartrazine and other azo dyes.

### ***Australian Registration Numbers***

Bosentan APO 62.5 mg (bottle of 60 tablets) AUST R 257754.

Bosentan APO 125 mg (bottle of 60 tablets) AUST R 257734.

### ***Sponsor***

Apotex Pty Ltd  
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