

# Botans 62.5 Tablet

## Botans 62.5 Tablet

*(Bosentan 62.5 mg Tablet)*

### Composition:

Each film-coated tablet contains:

- **Bosentan I.P.** – 62.5 mg

### Description:

Botans 62.5 Tablet contains **Bosentan**, an **endothelin receptor antagonist (ERA)** used primarily for the treatment of **pulmonary arterial hypertension (PAH)**. It works by **blocking endothelin-1 receptors**, leading to **vasodilation** and reduced **pulmonary blood pressure**, improving exercise capacity and delaying disease progression.

### Pharmacological Action:

- **Bosentan (62.5 mg) - Endothelin Receptor Antagonist:**
  - **Reduces pulmonary arterial pressure**
  - **Improves blood flow** in the lungs
  - **Enhances exercise capacity**
  - **Slows PAH progression**

### Indications:

Botans 62.5 Tablet is used for:

- **Pulmonary Arterial Hypertension (PAH) - WHO Group 1**
- **Improvement of exercise ability in PAH patients**
- **Delaying PAH progression in patients with mild-to-moderate symptoms**

### Dosage & Administration:

- **Initial Dose: 62.5 mg twice daily** for 4 weeks
- **Maintenance Dose:** May be increased to **125 mg twice daily** based on response
- Should be taken **with or without food**
- **Swallow whole** with water; do not crush or chew

### Contraindications:

- **Pregnancy - Highly teratogenic (Category X)**
- **Severe liver impairment** (monitor LFTs regularly)

- **Use with cyclosporine A or glyburide**
- **Hypersensitivity to Bosentan or any tablet components**

### **Warnings & Precautions:**

- **Liver toxicity:** Regular **liver function tests (LFTs) required**
- **Hemoglobin decrease:** Monitor **hemoglobin levels**
- **Highly teratogenic:** Strict **pregnancy prevention required**
- **Fluid retention:** May cause **edema**; monitor patients with **heart failure**
- **Drug Interactions:** May reduce the effectiveness of **hormonal contraceptives**

### **Side Effects:**

- **Common:** Headache, flushing, nasal congestion, dizziness
- **Serious:** Liver dysfunction, anemia, swelling of limbs, respiratory infections

### **Drug Interactions:**

- **Cyclosporine A & Glyburide:** Contraindicated
- **Warfarin & Digoxin:** Monitor INR & cardiac function
- **Hormonal contraceptives:** May reduce efficacy (use alternative methods)

### **Storage Conditions:**

- Store below **30°C** in a **dry place**
- Keep out of reach of **children**

### **Conclusion:**

Botans 62.5 Tablet is a **clinically proven therapy** for **pulmonary arterial hypertension (PAH)**, improving **exercise tolerance** and **delaying disease progression**. Due to **potential liver toxicity and teratogenic effects**, **regular monitoring** and **strict contraceptive measures** are necessary.

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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