

## **Losium**

Losartan potassium

### **Description**

Losartan Potassium is an angiotensin II receptor (type AT<sub>1</sub>) antagonist. Angiotensin II is a potent vasoconstrictor, the primary vasoactive hormone of the renin-angiotensin system. Losartan potassium and its principal active metabolite block the vasoconstriction and aldosterone-secreting effects of angiotensin II by selectively blocking the binding of angiotensin II to the AT receptor found in many tissues. Losartan potassium is now regarded as the first-line therapy option for treating high blood pressure.

### **Composition**

**Losium 25:** Each tablet contains Losartan Potassium USP 25 mg. **Losium 50:** Each tablet contains Losartan Potassium USP 50 mg.

### **Indication**

**Losium** is indicated for the treatment of all grades of hypertension and congestive heart failure. It may be used alone or in combination with other hypertensive agents. It is an effective alternative for patients who have to discontinue an ACE inhibitor because of persistent dry cough.

### **Dosage and Administration**

The usual starting dose of **Losium** is 50 mg once daily, with 25 mg used in patients with possible depletion of intravascular volume (e.g. patients treated with diuretics), and patients with a history of hepatic impairment. **Losium** can be administered once or twice daily with total daily doses ranging from 25 to 100 mg. If the antihypertensive effect measured using once-a-day dosing is inadequate, a twice-a-day regimen at the same total daily dose or an increase in dose may give a more satisfactory response. If blood pressure is not controlled by **Losium** alone, a low dose of a diuretic may be added. No initial dosage adjustment is necessary for elderly patients or for patients with renal impairment, including patients on dialysis. **Losium** may be administered with or without food.

### **Side effect**

In general, treatment with **Losium** was well tolerated. The overall incidence of adverse effects reported with Losartan potassium was similar to placebo. The most common adverse events occurring with **Losium** were respiratory infection, dizziness and leg pain.

### **Precaution**

**Losium** should be used with caution in patients with known hypersensitivity to drugs that act through the renin-angiotensin system. A lower dose should be considered when it is administered to the patients with hepatic impairment. Safety and effectiveness of **Losium** in paediatric patients have not been

established.

### **Pregnancy and Lactation**

**Losium** is contraindicated in pregnancy. It should not be prescribed during lactation, as there is no information on excretion through breast milk.

### **Contraindication**

Losartan potassium is contraindicated in patients who are hypersensitive to the active ingredient or any component of the drug.

### **Storage**

The tablets should be stored at 15° - 30° C, in a dry place & away from light.

### **Presentaation**

**Losium 25:** Each box contains 30 (3x10's) Tablets in Blister Pack.

**Losium 50:** Each box contains 30 (3x10's) Tablets in Blister Pack.

### **Manufactured by:**



The IBN SINA Pharmaceutical Industry Ltd.  
Shafipur, Gazipur, Bangladesh.