

### Composition :

**Losardil-25 tablet:** Each film coated tablet contains Losartan Potassium USP 25mg.

**Losardil-50 tablet:** Each film coated tablet contains Losartan Potassium USP 50mg.

**Losardil-100 tablet:** Each film coated tablet contains Losartan Potassium USP 100mg.

**Losardil 25/12.5:** Each film coated tablet contains Losartan Potassium USP 25mg & Hydrochlorothiazide USP 12.5mg.

**Losardil 50/12.5:** Each film coated tablet contains Losartan Potassium USP 50mg & Hydrochlorothiazide USP 12.5mg.

**Losardil 100/12.5:** Each film coated tablet contains Losartan Potassium USP 100mg & Hydrochlorothiazide USP 12.5mg.

**Losardil 100/25:** Each film coated tablet contains Losartan Potassium USP 100mg & Hydrochlorothiazide USP 25mg.

**Pharmacology :** Losartan and its active metabolite block the vasoconstrictor and aldosterone-secreting effects of angiotension II by selectively blocking the binding of angiotensin II to the AT1 receptor in many tissues, such as vascular smooth muscle and the adrenal gland. Both losartan and its principal have much greater affinity (about 1000-fold) for the AT1 receptor than for the AT2 receptor. □

Losartan is an orally active agent that undergoes substantial first-pass metabolism by cytochrome P450 enzymes. It is converted to an active carboxylic acid metabolite that is responsible for most of the angiotensin II receptor antagonism. The terminal half-life of losartan itself is about 2 hours, and that of active metabolite, about 6-9 hours. Systemic bioavailability of losartan approximately 33%.

Both losartan and its active metabolite are highly bound to plasma protein primarily albumin.

Total plasma clearance of losartan is about 600 ml/min. Total plasma clearance of the active metabolite is about 50 ml/min. Both biliary and urinary excretion contribute substantially to the elimination of losartan and its metabolites. Hydrochlorothiazide works as a diuretic to reduce the blood volume.

**Indications :** This tablet is indicated for the treatment of hypertension. It may be used alone or in combination with other antihypertensive agents. This fixed dose combination is not indicated for initial therapy.

**Dosage and administration :** The usual starting dose of Losartan is 50mg once daily, with 25mg used in patients with possible depletion of intravascular volume and patients with a history of hepatic impairment. Losartan can be administered once or twice daily at total daily doses of 25 to 100 mg. If the antihypertensive effect measured at through 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. Hydrochlorothiazide is effective in doses of 12.5 to 50mg once daily and can be given at doses of 12.5 to 25mg as this medicine. Or, as directed by the registered physician.

# Losardil

## Tablet



**DRUG  
INTERNATIONAL  
LTD.**

**Contraindications :** This medicine is contraindicated in patients who are hypersensitive to any component of this product. Because of the hydrochlorothiazide component, this product is contraindicated in patients with anuria, or hypersensitivity to other sulfonamide-derived drugs.

**Precautions :** Thiazides should be used with caution in severe renal disease. A patient receiving this medicine should be told not to use potassium supplements or salt substitutes containing potassium without consulting the registered physician.

**Side effects :** The most commonly reported adverse effects are abdominal pain, edema, palpitation, back pain, dizziness, cough, sinusitis, upper respiratory tract infections, rash, nausea, headache, bronchitis, pharyngitis.

**Use in pregnancy and lactation :** This medicine is not generally recommended during pregnancy, except under exceptional circumstances. This medicine passes into breast milk. Consequently, breast-feeding is not recommended.

**Use in Child :** There is no data available.

**Drug interactions :** No significant drug-drug pharmacokinetic interactions have been found in interaction studies with hydrochlorothiazide, digoxin, warfarin, cimetidine and Phenobarbital. As with other antihypertensive agents, the antihypertensive effect of Losartan may be blunted by the non-steroidal anti-inflammatory drug indomethacin.

**Overdose :** Overdose of Losardil can induce an increased heart rate, dizziness and vomiting.

**Storage :** Store below 30°C in a dry place.

### Packing :

**Losardil-25 tablet:** Each box contains 4x14's tablets in blister pack.

**Losardil-50 tablet:** Each box contains 2x14's tablets in blister pack.

**Losardil-100 tablet:** Each box contains 2x14's tablets in blister pack.

**Losardil 25/12.5:** Each box contains 4x14's tablets in blister pack.

**Losardil 50/12.5:** Each box contains 4x14's tablets in blister pack.

**Losardil 100/12.5:** Each box contains 2x14's tablets in blister pack. □

**Losardil 100/25:** Each box contains 2x10's tablets in blister pack.