

**Composition:**

**Ancor-2.5 Tablet :** Each film coated tablet contains Bisoprolol Fumarate USP 2.5 mg.

**Ancor-5 Tablet :** Each film coated tablet contains Bisoprolol Fumarate USP 5 mg.

**Ancor-10 Tablet :** Each film coated tablet contains Bisoprolol Fumarate USP 10 mg.

**Pharmacology:**

Bisoprolol Fumarate is the most selective  $\beta_1$  blocker. It has highest level of affinity for the  $\beta_1$  receptor than any other  $\beta$  blocker. It selectively blocks  $\beta_1$  adrenergic receptor in the heart and vascular smooth muscle and reduces heart rate and cardiac output resulting in decrease of arterial hypertension. Lipid metabolism can be adversely affected by  $\beta_1$  blockers, in patients with non selective blocker, but Bisoprolol does not cause any change in the cholesterol fraction including the cardioprotective HDL-cholesterol in long-term therapy.

**Indications:**

Hypertension, angina and adjunct in stable moderate to severe heart failure.

**Dosage & Administration:**

**Hypertension:** The dose of Bisoprolol must be individualized to the needs of the patient. The usual starting dose is 5 mg once daily. In some patients, 2.5 mg may be an appropriate starting dose. If the antihypertensive effect of 5 mg is inadequate, the dose may be increased to 10 mg and then, if necessary, to 20 mg once daily.

**Angina:** Usually 5-10 mg once daily (5 mg may be adequate in some patients) max 20 mg daily.

**Heart Failure:** Initially 1.25 mg once daily (in the morning) for 1 week then, if well tolerated, increased to 2.5 mg once daily for 1 week, then 3.75 mg once daily for 1 week, then 5 mg once daily for 4 weeks, then 7.5 mg once daily for 4 weeks, then 10 mg once daily, max. 10 mg daily.

**Contraindications:**

In patients with cardiogenic shock, overt heart failure, second or third degree A-V block, right ventricular failure secondary to pulmonary hypertension and sinus bradycardia.

**Side Effects:**

Gastro-intestinal disturbances, bradycardia, hypotension, peripheral vasoconstriction, headache, fatigue, sleep disturbances, dizziness, vertigo, thrombocytopenia; visual disturbances, alopecia may be occurred.

**Precaution:**

Monitoring of renal, hepatic, and hematopoietic function should be performed at regular intervals during long-term treatment with Bisoprolol Fumarate.

**Special Groups:**

*Use in pregnancy:*

The safety of Bisoprolol Fumarate during pregnancy has not been established.

*Use in lactation:*

No data is available for lactation.

*Use in children:*

Safety and effectiveness in children have not been established.

**Drug Interactions:**

Bisoprolol Fumarate should not be combined with other  $\beta_1$ -blockers.

**Storage:**

- Store below 30°C & protect from light.
- Keep out of the reach of children.

**Packing:**

**Ancor-2.5 Tablet:** Each box contains 60's tablets in alu-alu blister pack.

**Ancor-5 Tablet:** Each box contains 30's tablets in alu-alu blister pack.

**Ancor-10 Tablet:** Each box contains 10's tablets in alu-alu blister pack.