

Brand Name: MUYLAC-10

Composition: Levocetirizine & Montelukast tablet

Dosage Form: Tablets

Category: Antihistamine & Leukotriene Receptor Antagonist Combination

Packaging Type: Alu-Alu

Packaging: 10 x 10

Brief Product Introduction:

MUYLAC-10 is an effective anti-allergic combination tablet manufactured by **AstraEureka Pharmaceutical**, a dependable **manufacturer of Levocetirizine and Montelukast composition**. It combines the antihistaminic action of Levocetirizine with the anti-inflammatory effect of Montelukast, providing dual relief from allergic symptoms and inflammation. Levocetirizine is a second-generation antihistamine that blocks histamine H1 receptors, reducing symptoms like sneezing, runny nose, and itching. Montelukast is a leukotriene receptor antagonist that prevents airway inflammation and bronchoconstriction. MUYLAC-10 is widely prescribed for allergic rhinitis (seasonal and perennial), asthma, urticaria, and other respiratory allergies. The combination works synergistically to relieve nasal congestion, wheezing, and skin allergies, offering 24-hour protection with once-daily dosing. It is well tolerated and suitable for long-term management of chronic allergic conditions with minimal sedation or drowsiness.

Composition:

Each film-coated tablet contains:

Levocetirizine IP.....5 mg
Montelukast Sodium IP
eq. to Montelukast.....10 mg
Excipients.....q.s.

Key Benefits:

1. Dual action on allergic symptoms and inflammation
2. Fast and sustained relief from sneezing, itching, and nasal congestion
3. Helps prevent asthma exacerbations triggered by allergens
4. Minimizes night-time symptoms and improves sleep quality
5. Non-sedative and safe for long-term use

Indications:

1. Allergic rhinitis (seasonal and perennial)
2. Chronic idiopathic urticaria
3. Bronchial asthma (mild to moderate)
4. Nasal congestion, sinus pressure due to allergies
5. Respiratory allergic conditions and hay fever

Directions for Use:

1. To be taken orally with or without food
2. Swallow whole with water; do not chew or break
3. Preferably taken in the evening or as directed by the physician

Dosage and Administration:

1. **Adults and adolescents (above 15 years):** One tablet once daily
2. **Children (below 15 years):** Use only if prescribed
3. Duration of treatment based on clinical response and physician's advice

Safety Information:

1. Do not exceed the prescribed dose
2. Use under supervision, especially in patients with kidney or liver impairment
3. Avoid alcohol or CNS depressants to prevent drowsiness
4. Inform the doctor of any ongoing medications or allergies

Mechanism of Action:

- **Levocetirizine** blocks peripheral H1 receptors, inhibiting histamine release, which helps reduce allergic symptoms like itching, sneezing, and hives.
- **Montelukast** blocks leukotriene D4 receptors in the lungs and bronchial tubes, reducing inflammation, bronchoconstriction, and mucus secretion. Together, they provide synergistic control over both early-phase allergic reactions and late-phase inflammatory responses.

Contraindications:

1. Hypersensitivity to Levocetirizine, Montelukast, or any tablet component
2. Severe renal impairment
3. Patients with a history of psychiatric disorders (use with caution)
4. Pregnancy and lactation unless advised by a healthcare provider

Side Effects:

1. Headache, dry mouth.
2. Fatigue, drowsiness (mild and transient).
3. Abdominal pain, diarrhea.
4. Rare: Mood changes, skin rash, upper respiratory tract infection

Important Notice:

- Not intended for acute asthma attacks.
- Regular use improves effectiveness in chronic allergic conditions.
- Discontinue if unusual behavioral symptoms appear.
- Medical supervision is essential for pediatric and elderly patients.

Storage Condition:

1. Store below 25°C in a dry and cool place.
2. Protect from moisture and direct sunlight.
3. Keep out of reach of children.

Packing Information:

- Each strip contains 10 film-coated tablets.
- Packed in Alu-Alu strips, 10 x 10 tablets per box.