

Brand Name: MYULAC-5 suspension

Composition: Levocetirizine Dihydrochloride & Montelukast Sodium

Dosage Form: SUSPENSION

Category: Anti-allergic / Anti-asthmatic

Packaging Type: Pet Bottle with outer box

Packaging: 60 ml

Brief Product Information:

MYULAC-5 Suspension is a pediatric oral formulation designed to manage allergic rhinitis, chronic allergies, and asthma-related symptoms. It is manufactured by **AstraEureka Pharmaceutical**, a leading **manufacturer of composition** that includes **Levocetirizine and Montelukast**. This dual-action syrup offers effective symptom relief by combining an antihistamine and a leukotriene receptor antagonist in a tasty, child-friendly format.

Composition:

Each 5 ml contains:

Levocetirizine Dihydrochloride IP.....	2.5 mg
Montelukast Sodium IP eq. to Montelukast.....	4 mg
Flavoured syrup base.....	q.s.

Key Ingredients:

1. **Levocetirizine Dihydrochloride (2.5 mg per 5 ml):** A potent third-generation antihistamine that provides fast relief from allergy symptoms without causing significant drowsiness.
2. **Montelukast Sodium (eq. to 4 mg Montelukast per 5 ml):** A leukotriene receptor antagonist used to prevent wheezing, shortness of breath, and nasal congestion.
3. **Flavoured Syrup Base Q.S.:** Enhances palatability for easy pediatric administration.

Key Benefits:

1. Provides relief from seasonal and perennial allergic rhinitis.
2. Controls asthma symptoms and reduces the frequency of attacks.
3. Minimizes sneezing, runny nose, watery eyes, and nasal congestion.
4. Non-sedating and suitable for long-term allergy management.
5. Dual-action mechanism for broader symptom coverage.
6. Pleasant taste improves compliance in children.

Indications:

1. Allergic rhinitis (seasonal and perennial)
2. Chronic urticaria (hives)
3. Asthma (mild to moderate)
4. Atopic dermatitis-related itching
5. Allergic conjunctivitis
6. Nasal congestion, sneezing, and respiratory allergies

Directions for Use:

1. Shake the bottle well before use.
2. Use the measuring device provided for accurate dosing.
3. Administer orally, preferably in the evening.
4. Can be taken with or without food.
5. Follow the dosage schedule as advised by a healthcare provider.

Doses and Administration:

1. **Children (2–5 years):** 2.5 ml once daily or as prescribed.
2. **Children (6 years and above):** 5 ml once daily or as directed.
3. **Do not exceed prescribed dose.**
4. Use only under physician's guidance for children under 2 years.
5. Continuous usage for long-term allergic conditions should be monitored by a healthcare provider.

Safety Information:

1. Use only under medical supervision, especially for long-term treatment.
2. Avoid in children with known hypersensitivity to either active ingredient.
3. Monitor for signs of mood or behavior changes during use.
4. Not recommended for use with other antihistamines or leukotriene antagonists without doctor's advice.
5. Do not give with alcohol or sedative medications.

Mechanism of Action:

- **Levocetirizine** blocks H1 histamine receptors, thereby preventing the action of histamine—a chemical that causes allergy symptoms like sneezing, itching, and runny nose. It is an enantiomer of cetirizine with greater potency and lower sedation profile.
- **Montelukast** works by inhibiting the cysteinyl leukotriene receptor (CysLT1), which plays a key role in asthma and allergic rhinitis. By blocking leukotrienes,

it helps reduce inflammation, bronchoconstriction, and mucus production in the airways.

- Together, they provide **comprehensive symptom control** in allergic and respiratory conditions.

Contraindications:

1. Known allergy or hypersensitivity to Levocetirizine, Montelukast, or any excipients.
2. Severe renal impairment.
3. Phenylketonuria (if aspartame is used in formulation).
4. Children with epilepsy or seizure disorders (caution advised).
5. Concomitant use with mood-altering medications without medical supervision.

Side Effects:

1. Drowsiness or fatigue (rare)
2. Abdominal pain or nausea
3. Headache or dry mouth
4. Rash or mild skin reactions
5. Rare behavioral changes such as agitation or aggression

Important Notice:

1. This is a prescription-only medication.
2. Do not administer with other allergy or asthma medications unless advised.
3. Discontinue and consult a doctor if behavioral changes or allergic reactions occur.
4. Not intended for emergency asthma attacks.
5. Use within 30 days after opening.

Storage Condition:

1. Store below 25°C in a dry, cool environment.
2. Protect from light, heat, and moisture.
3. Do not freeze.
4. Keep out of reach of children.
5. Ensure the bottle is tightly closed after each use.

Packing Information:

1. Packaging Type: PET BOTTLE
2. Packaging: 60 ML with Outer box

3. Comes with a calibrated measuring cup

