

Brand Name: ESOREKA-40 TABLET

Composition: Esomeprazole gastro resistant

Dosage Form: TABLET

Category: Proton Pump Inhibitor (PPI)

Packaging Type: ALU-ALU

Packaging: 10 x 15

Brief Product Introduction:

ESOREKA-40 TABLET is a gastro-resistant formulation of **Esomeprazole 40 mg**, manufactured by **AstraEureka Pharmaceutical**, a trusted manufacturer of composition-based gastroenterology products. Esomeprazole, the S-isomer of omeprazole, is a highly effective **proton pump inhibitor (PPI)** that suppresses gastric acid secretion by inhibiting the H⁺/K⁺ ATPase enzyme in the stomach. It is widely used for the treatment of **gastroesophageal reflux disease (GERD)**, **peptic ulcers**, **erosive esophagitis**, and **Zollinger-Ellison syndrome**. ESOREKA-40 provides long-lasting acid control, promotes healing of damaged mucosa, and offers effective symptom relief in acid-peptic disorders. Its enteric coating ensures protection from gastric degradation and maximizes bioavailability when taken before meals.

Composition:

Each enteric coated tablet contains:

Esomeprazole Magnesium IP

Equivalent to Esomeprazole.....40 mg

Excipients.....q.s.

Key Ingredients

- **Esomeprazole 40 mg:**
 - S-isomer of omeprazole
 - Potent and long-acting proton pump inhibitor
 - Reduces both basal and stimulated acid secretion

Key Benefits:

1. Rapid and sustained relief from acid reflux and heartburn
2. Promotes healing in erosive esophagitis and peptic ulcers
3. Effective in both short- and long-term acid suppression
4. Improves quality of life in GERD patients
5. Minimizes ulcer recurrence in NSAID users

Indications:

1. Gastroesophageal Reflux Disease (GERD)
2. Erosive esophagitis
3. Peptic ulcer disease (gastric and duodenal)
4. Zollinger-Ellison syndrome
5. Acid-related dyspepsia
6. Prophylaxis of NSAID-induced gastric ulcers

Directions for Use:

1. Take orally with water, preferably on an empty stomach
2. Do not chew or crush the tablet
3. Best taken at least 30–60 minutes before a meal
4. Follow prescribed dosage and duration

Dosage and Administration:

1. **GERD & Heartburn:** 40 mg once daily for 4–8 weeks
2. **Erosive Esophagitis:** 40 mg once daily, extendable up to 8 weeks
3. **NSAID-induced Ulcers:** 20–40 mg once daily
4. **Zollinger-Ellison Syndrome:** 40 mg twice daily (adjustable)
5. Dosage may vary per condition and clinical response

Safety Information:

1. For adult use under medical supervision
2. Use with caution in hepatic or renal impairment
3. Long-term use may require monitoring of magnesium, B12, and bone health
4. May interact with drugs metabolized by CYP2C19 (e.g., clopidogrel, diazepam)
5. Do not exceed prescribed duration unless advised

Mechanism of Action:

- Esomeprazole inhibits **gastric parietal cell H⁺/K⁺ ATPase**, the final pathway in acid secretion. By forming covalent bonds with the proton pump enzyme, it **blocks acid production at its source**, irrespective of stimulus type (food, histamine, acetylcholine).
- As the S-isomer of omeprazole, esomeprazole provides improved pharmacokinetics, enhanced bioavailability, and prolonged acid suppression, resulting in better mucosal healing and symptom control.

Contraindications:

1. Known hypersensitivity to esomeprazole, benzimidazole derivatives, or excipients
2. Severe hepatic impairment without dosage adjustment
3. Concomitant use with atazanavir or nelfinavir

Side Effects:

1. Common: Headache, abdominal pain, constipation, nausea
2. Less common: Flatulence, dry mouth, dizziness
3. Rare: Hypomagnesemia, interstitial nephritis, B12 deficiency, fractures (long-term use)

Important Notice:

- ESOREKA-40 is a **prescription-only medication**
- Not intended for immediate relief of heartburn symptoms
- Long-term use should be periodically evaluated by a physician
- Discontinue if severe hypersensitivity reactions occur

Storage Condition:

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

Packing Information:

- Supplied in **10 x 15 ALU-ALU** pack