

Brand Name: ESOREKA-DSR CAPSULE

Composition: Esomeprazole gastro-resistant 40 mg & Domperidone 30 mg sustained-release capsule

Dosage Form: Capsules

Category: Proton Pump Inhibitor (PPI) with Prokinetic Agent

Packaging Type: Alu-Alu

Packaging: 10x10

Brief product introduction:

ESOREKA-DSR is a combination capsule manufactured by **AstraEureka Pharmaceutical**, a trusted manufacturer of this composition. It contains Esomeprazole 40 mg, a proton pump inhibitor, and Domperidone 30 mg, a prokinetic agent. This dual-action formula is highly effective in treating GERD, acid reflux, gastritis, and related upper gastrointestinal disorders. Esomeprazole reduces gastric acid secretion, while Domperidone enhances gastric motility and prevents nausea. The recommended dosage is one capsule daily, preferably before meals, as advised by the physician. Contraindicated in patients with hypersensitivity, liver dysfunction, or cardiac conditions. Common side effects may include headache, dry mouth, dizziness, or diarrhea. Long-term use should be monitored for magnesium levels.

Composition:

Each Hard gelatin capsule contains:

Esomeprazole Magnesium Trihydrate IP
eq. to Esomeprazole.....40 mg
Domperidone IP.....30 mg
Excipients.....q.s.

Key Ingredients:

- **Esomeprazole (40 mg):** A proton pump inhibitor that suppresses gastric acid secretion by irreversibly inhibiting H⁺/K⁺ ATPase in gastric parietal cells.
- **Domperidone (30 mg):** A dopamine D2 receptor antagonist that increases gastric motility and accelerates gastric emptying.

Key Benefits:

1. Rapid relief from hyperacidity and acid reflux
2. Controls heartburn and indigestion
3. Promotes gastric motility
4. Prevents nausea and vomiting associated with GI disorders
5. Supports ulcer healing

6. Improves patient compliance through once-daily dosing

Indications:

1. Gastroesophageal reflux disease (GERD)
2. Non-ulcer dyspepsia
3. Peptic ulcer disease
4. Zollinger-Ellison syndrome
5. Chronic gastritis
6. Nausea and vomiting associated with GI disturbances
7. Functional dyspepsia
8. Post-operative nausea or reflux conditions

Directions for Use:

1. Take one capsule daily, preferably 15–30 minutes before a meal
2. Swallow whole with water; do not crush or chew
3. Follow the prescribed dose and duration by your physician

Dosage and Administration:

- **Typical dose:** One capsule once daily
- Dose may vary based on severity of condition and medical advice
- Long-term use only under medical supervision

Safety Information:

1. Use with caution in elderly patients and those with cardiovascular risks
2. Monitor magnesium levels in prolonged therapy
3. Not recommended during pregnancy or lactation unless absolutely necessary
4. Do not self-medicate; use under supervision of a healthcare provider
5. Not for pediatric use unless prescribed

Mechanism of Action:

- **Esomeprazole:** Inhibits the final step of acid production by binding irreversibly to the proton pump (H^+/K^+ ATPase) in gastric parietal cells, reducing gastric acidity.
- **Domperidone:** Blocks D2 receptors in the GI tract, enhancing peristalsis and accelerating gastric emptying. It also inhibits nausea via action on the chemoreceptor trigger zone.

Contraindications:

1. Known hypersensitivity to esomeprazole, domperidone, or any excipient
2. Moderate to severe hepatic impairment
3. Moderate to severe renal dysfunction
4. Known QT prolongation or cardiac arrhythmias
5. Concurrent use with drugs known to prolong QT interval
6. Breastfeeding women

Side Effects:

1. Headache
2. Abdominal pain
3. Flatulence
4. Constipation or diarrhea
5. Dry mouth
6. Dizziness
7. Rash or allergic reactions (rare)
8. Elevated liver enzymes (prolonged use)

Important Notice:

- For therapeutic use only.
- To be sold by retail on the prescription of a Registered Medical Practitioner only.
- Keep out of reach of children.

Storage Conditions:

1. Store in a cool, dry, and dark place.
2. Protect from direct sunlight and moisture.
3. Keep capsules in original blister until consumption.

Packing Information:

- Packed in Alu-Alu packaging.
- Each box contains 10 strips of 10 capsules (10x10).