

Brand Name: ASTRAPAN-DSR

Composition: Pantoprazole gastro resistant & Domperidone prolonged release capsule.

Dosage Form: CAPSULE.

Category: Proton Pump Inhibitor with Prokinetic Agent.

Packaging Type: Alu-Alu

Packaging: 10 x 10.

Brief Product Information:

ASTRAPAN-DSR is a combination capsule manufactured by **AstraEureka Pharmaceutical**, a reliable **manufacturer of composition** combining **Pantoprazole** and **Domperidone**. It is designed for effective treatment of acid reflux, gastroesophageal reflux disease (GERD), and related gastrointestinal conditions. This dual-action formula reduces stomach acid secretion and enhances gastric motility, ensuring faster symptom relief and long-term control.

Composition:

Each hard gelatin capsule contains:

Pantoprazole Sodium Sesquihydrate IP

equivalent to Pantoprazole.....40 mg

Domperidone IP.....30 mg

Excipients.....q.s.

Key Ingredients:

- **Pantoprazole 40 mg:** A proton pump inhibitor (PPI) that reduces gastric acid secretion by inhibiting the H⁺/K⁺ ATPase enzyme in gastric parietal cells.
- **Domperidone 30 mg:** A dopamine D2 receptor antagonist that acts as a prokinetic agent, enhancing gastrointestinal motility and preventing nausea and vomiting.
- **Pharmaceutical Excipients:** Used for formulation stability and controlled release.

Key Benefits:

1. Dual-action therapy for enhanced control of GERD and dyspepsia.
2. Reduces gastric acid secretion and accelerates gastric emptying.
3. Prevents reflux, bloating, and heartburn.
4. Reduces nausea and promotes smooth bowel movement.
5. Provides long-lasting symptom relief with convenient once-daily dosing.

Indications:

1. Gastroesophageal reflux disease (GERD)
2. Non-ulcer dyspepsia
3. Functional dyspepsia
4. Zollinger-Ellison syndrome
5. Gastric and duodenal ulcers
6. Nausea and vomiting associated with acid-related disorders
7. Erosive esophagitis
8. Bloating and epigastric fullness

Directions for Use:

1. Swallow the capsule whole with a glass of water.
2. Do not chew, crush, or open the capsule.
3. Take preferably on an empty stomach, 30–60 minutes before meals.
4. Use strictly as prescribed by the physician.

Doses and Administration:

1. **Adults:** One capsule once daily, preferably before breakfast.
2. In severe cases, your doctor may advise twice-daily dosing.
3. Duration depends on the condition and clinical response, usually 4 to 8 weeks.
4. Follow the exact dosing instructions provided by the healthcare provider.

Safety Information:

1. Do not use without medical supervision.
2. Inform your doctor about any history of kidney, liver, or cardiac conditions.
3. Long-term use should be monitored due to risks like hypomagnesemia and vitamin B12 deficiency.
4. May interact with antifungals, antibiotics, and antiplatelet drugs.
5. Not recommended during pregnancy or lactation unless prescribed.

Mechanism of Action:

- **Pantoprazole:** A proton pump inhibitor that suppresses the final step in gastric acid production by irreversibly inhibiting the H⁺/K⁺ ATPase enzyme in the parietal cells of the stomach lining, leading to a sustained decrease in gastric acid secretion.
- **Domperidone:** A dopamine D2 receptor antagonist that works on the chemoreceptor trigger zone and the upper GI tract, enhancing gastrointestinal motility, promoting faster gastric emptying, and preventing nausea and vomiting.

- The combined mechanism results in symptom relief from both acid production and motility-related discomfort.

Contraindications:

1. Hypersensitivity to Pantoprazole, Domperidone, or any other component of the formulation.
2. Patients with gastrointestinal bleeding, obstruction, or perforation.
3. Patients with prolactin-releasing pituitary tumors (prolactinoma).
4. Cardiac patients with known QT prolongation or electrolyte imbalance.

Side Effects:

1. Common: Headache, dry mouth, abdominal pain, dizziness.
2. Less common: Diarrhea, flatulence, constipation.
3. Rare: Palpitations, gynecomastia (with prolonged Domperidone use), allergic reactions like rash or itching.
4. Report any serious or persistent side effects to a healthcare provider.

Important Notice:

- ASTRAPAN-DSR is a **prescription-only** medicine.
- Not intended for long-term use unless specifically recommended by a healthcare professional.
- Regular monitoring of electrolytes and liver function is advised with long-term therapy.
- Do not share medication with others, even if symptoms are similar.
- Avoid alcohol and smoking during treatment to improve effectiveness.

Storage Condition:

1. Store in a cool, dry place below 25°C.
2. Protect from direct sunlight and moisture.
3. Keep out of reach of children.
4. Do not use if the strip is damaged or shows signs of tampering.

Packing Information:

1. **Primary Packaging:** Alu-Alu Strip
2. **Quantity:** 10 capsules per strip
3. **Outer Carton:** 10 strips per box (10 x 10)