

Brand Name: ASTRAPAN-D

Composition: Pantoprazole & Domperidone

Dosage Form: Tablets

Category: Proton Pump Inhibitor with Prokinetic Agent

Packaging Type: Alu-Alu

Packaging: 10 x 10

Brief Product Introduction:

ASTRAPAN-D is a highly effective gastro-resistant tablet formulated by **AstraEureka Pharmaceutical**, a trusted **manufacturer of Pantoprazole & Domperidone composition**. It combines Pantoprazole, a potent proton pump inhibitor, and Domperidone, a dopamine receptor antagonist with prokinetic and antiemetic effects. This synergistic combination is clinically indicated for the management of acid-related disorders such as GERD, peptic ulcers, functional dyspepsia, and nausea-vomiting associated with delayed gastric emptying. ASTRAPAN-D helps reduce gastric acid secretion and improves gastrointestinal motility, offering rapid and sustained symptom relief. The formulation is ideal for patients suffering from chronic acid reflux, bloating, and indigestion. Recommended under physician supervision, it is well tolerated and widely prescribed across all patient groups.

Composition:

Each enteric coated tablet contains

Pantoprazole Sodium IP.	
equivalent to Pantoprazole.....	40 mg
Domperidone IP.....	10 mg
Excipients.....	q.s.

Key Benefits:

1. Dual mechanism provides complete relief from acid and motility-related symptoms
2. Fast-acting and long-lasting control of hyperacidity and reflux
3. Prevents nausea, vomiting, bloating, and indigestion
4. Aids in faster healing of ulcers and esophageal inflammation
5. Safe and well tolerated for long-term use under medical guidance

Indications:

1. Gastroesophageal Reflux Disease (GERD)
2. Functional dyspepsia
3. Chronic gastritis
4. Peptic ulcers

5. Zollinger-Ellison syndrome
6. Nausea and vomiting associated with gastric dysfunction
7. Gastric motility disorders

Directions for Use:

1. Take the tablet orally with water
2. Preferably administered 30–60 minutes before meals
3. Swallow whole; do not chew, crush, or break
4. Use strictly as prescribed by a registered medical practitioner

Dosage and Administration:

1. **Adults:** One tablet once or twice daily depending on the severity of symptoms
 - **Dose adjustment:** Required in hepatic impairment
 - Not recommended for pediatric use unless directed by a physician

Safety Information:

1. Use under medical supervision only
2. Avoid alcohol and smoking during treatment
3. Inform the doctor about existing heart, liver, or kidney conditions
4. Monitor for long-term effects like magnesium/Vitamin B12 deficiency

Mechanism of Action:

Pantoprazole:

- Irreversibly binds to the H⁺/K⁺ ATPase enzyme (proton pump) on gastric parietal cells
- Inhibits the final step of acid production
- Reduces gastric acidity and promotes mucosal healing

Domperidone:

- Acts as a dopamine D2 receptor antagonist
- Increases lower esophageal sphincter pressure
- Enhances gastrointestinal motility and gastric emptying
- Reduces nausea by blocking dopamine in the chemoreceptor trigger zone

Contraindications:

1. Hypersensitivity to Pantoprazole, Domperidone, or formulation components

2. Patients with gastrointestinal bleeding, obstruction, or perforation
3. Moderate to severe hepatic impairment
4. QT interval prolongation or known cardiac arrhythmias
5. Concomitant use with drugs causing QT prolongation
6. Pregnancy and lactation unless advised by a healthcare provider

Side Effects:

1. Headache, dizziness
2. Dry mouth, fatigue
3. Abdominal pain, diarrhea or constipation
4. Rash or skin reactions
5. Rare: QT prolongation, galactorrhea, gynecomastia, menstrual irregularities (due to Domperidone)

Important Notice:

- Not intended for self-medication or over-the-counter use
- Regular monitoring advised in long-term therapy
- Discontinue and consult a doctor if severe side effects occur
- Not a substitute for lifestyle modifications like diet and weight control

Storage Condition:

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

Packing Information:

- Alu-Alu pack
- Available in 10 x 10 tablets per box