

**\*\*Pheniramine is an antihistamine used to treat allergic conditions such as hay fever, urticaria, and allergic conjunctivitis. It has mild sedative effects and is often included in cold and flu medications.\*\***

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## **## 🧪 Chemical Composition**

- **\*\*Active Ingredient:\*\*** \*Pheniramine maleate\*
- **\*\*Molecular Formula:\*\***  $C_{16}H_{20}N_2 \cdot C_4H_4O_4$
- **\*\*Drug Class:\*\*** Alkylamine derivative; H1-receptor antagonist
- **\*\*Formulations:\*\***
  - Tablets: 25 mg, 50 mg
  - Injection: 22.75 mg/mL
  - Eye drops: Often combined with other agents for allergic conjunctivitis
  - Syrup: Used in pediatric formulations

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## **## 💉 Dosage & Administration**

- **\*\*Route:\*\*** Oral, intravenous, intramuscular, or ophthalmic
- **\*\*Typical Adult Dosage:\*\***
  - Oral: 25-50 mg up to 3 times daily
  - Injection: 22.75 mg IM/IV as needed for acute allergic reactions
- **\*\*Pediatric Dosage:\*\***
  - Children 5-10 years: Half tablet (12.5-25 mg) up to 3 times daily
  - Not recommended for children under 5 years
- **\*\*Onset of Action:\*\*** Within 15-30 minutes
- **\*\*Duration:\*\*** Effects last 16-19 hours

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## **## 🏥 Medical Uses**

- **\*\*Primary Indications:\*\***
  - Allergic rhinitis
  - Urticaria (hives)
  - Hay fever
  - Motion sickness
  - Allergic conjunctivitis (eye drops)
- **\*\*Mechanism of Action:\*\***
  - Blocks histamine H1 receptors, reducing allergic symptoms like itching, swelling, and runny nose
  - Also has anticholinergic and mild sedative properties

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## **## ⚠️ Side Effects**

- \*\*Common:\*\***
  - Drowsiness
  - Dry mouth
  - Dizziness

- Blurred vision

**\*\*Serious:\*\***

- Confusion
- Irregular heartbeat
- Urinary retention
- Severe allergic reactions (rare)

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**## ⚠ Risks & Precautions**

- **\*\*Contraindications:\*\***
  - Hypersensitivity to pheniramine or similar antihistamines
  - Glaucoma
  - Enlarged prostate
- **\*\*Pregnancy & Breastfeeding:\*\***
  - Use with caution; consult a healthcare provider
- **\*\*Drug Interactions:\*\***
  - May enhance effects of alcohol, sedatives, and other CNS depressants
- **\*\*Overdose Risk:\*\***
  - Symptoms include agitation, hallucinations, seizures, and cardiac arrhythmias

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**## 😊 Patient Feedback & Complaints**

- **\*\*Positive Feedback:\*\***
  - Effective for quick relief of allergic symptoms
  - Useful in emergency settings for acute reactions
  - Available in multiple forms (tablet, injection, eye drops)

- **\*\*Common Complaints:\*\***
  - Sedation and drowsiness
  - Dry mouth and blurred vision
  - Not suitable for long-term use due to tolerance and side effects
  - Some users report confusion or dizziness, especially in older adults

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**## 📄 Summary Table**

Category	Details
Drug Name	Pheniramine
Active Ingredient	Pheniramine maleate
Use	Allergic conditions, motion sickness, conjunctivitis

Dosage	25-50 mg orally, up to 3x daily; 22.75 mg injection
Common Side Effects	Drowsiness, dry mouth, dizziness, blurred vision
Serious Risks	Confusion, arrhythmia, urinary retention, overdose
Patient Feedback	Fast relief; sedation, dry mouth, dizziness
Contraindications	Glaucoma, prostate enlargement, hypersensitivity

#### Sources:

- [Practo - Pheniramine Overview](<https://www.practo.com/medicine-info/pheniramine-531-api>)
- [Lybrate - Pheniramine Details](<https://www.lybrate.com/medicine/pheniramine>)

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