

# Tropiturn 18 Inhaler

## Product Information: Tiotropium Inhaler (18 mcg)

---

### Composition

- **Tiotropium Bromide: 18 mcg per actuation (metered dose).**
- 

### Pharmacological Class

- **Drug Class: Long-acting muscarinic antagonist (LAMA).**
  - **Mechanism of Action: Tiotropium blocks the muscarinic receptors (M3 subtype) in the smooth muscles of the airways, resulting in bronchodilation and improved airflow.**
- 

### Indications

The Tiotropium Inhaler is indicated for:

1. **Chronic Obstructive Pulmonary Disease (COPD):** Maintenance therapy to reduce symptoms such as breathlessness and improve lung function.
  2. **Asthma:** As an add-on therapy in patients aged 12 years and older with severe persistent asthma not adequately controlled by inhaled corticosteroids and long-acting beta-agonists.
- 

### Dosage and Administration

- **Recommended Dose: 1 inhalation (18 mcg) once daily at the same time every day.**
  - **Administration:**
    1. **Use the inhaler as directed by a physician.**
    2. **Ensure the patient inhales deeply and holds their breath for a few seconds after actuation for effective delivery.**
    3. **Rinse the mouth with water after use to reduce the risk of dry mouth and irritation.**
- 

### Contraindications

- **Hypersensitivity to Tiotropium, atropine, or any of the formulation components.**
  - **Not for use in acute bronchospasm or as rescue therapy.**
- 

### Warnings and Precautions

1. **Paradoxical Bronchospasm:** Can occur; discontinue use if this develops.
  2. **Narrow-Angle Glaucoma:** Avoid contact of the mist with the eyes as it may worsen symptoms.
  3. **Urinary Retention:** Use with caution in patients with a history of urinary obstruction or prostatic hyperplasia.
  4. **Not recommended for children under 12 years.**
- 

### Adverse Effects

- **Common:** Dry mouth, cough, sore throat, and nasal congestion.
  - **Less Common:** Dizziness, blurred vision, constipation, or urinary difficulty.
  - **Rare but Serious:** Worsening of narrow-angle glaucoma or urinary retention.
- 

## Drug Interactions

- **Anticholinergics:** Avoid concurrent use with other anticholinergic drugs to prevent additive effects.
  - **Beta-2 Agonists:** Can be used concomitantly but monitor for potential side effects like increased heart rate.
- 

## Storage Instructions

- Store at a temperature below 30°C.
  - Do not freeze or expose to direct sunlight.
  - Keep out of reach of children.
- 

## Patient Instructions

1. Use daily as prescribed, even when symptoms are not present, for maintenance.
  2. Do not exceed the recommended dose.
  3. If breathing worsens suddenly, use a rescue inhaler and seek medical advice.
  4. Ensure the inhaler technique is correct to maximize efficacy.
- 

## Clinical Benefits

- Improves lung function and reduces breathlessness.
- Lowers the frequency of COPD exacerbations.

- Enhances the quality of life for patients with chronic respiratory conditions.
- 

## Packaging

- Available in 60 or 120 actuations per inhaler with an attached dose counter for tracking usage.
- 

**Tiotropium Inhaler is a cornerstone therapy in the long-term management of COPD and severe asthma, providing sustained bronchodilation and symptom relief. It is not suitable for acute rescue therapy. Use under the supervision of a healthcare provider.**

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,  
Panchkula-134113

TM: Trademark Applied for