

Theoclin Tablet

Brand Name: Theoclin Tablet

Dosage Form: Tablet

Therapeutic Category: Bronchodilator – Methylxanthine Derivative

Composition:

Each uncoated tablet contains:

- **Theophylline IP** 400 mg (complexed with Beta-Cyclodextrin)
- **Excipients:** q.s.

Pharmacology & Mechanism of Action:

Theophylline is a bronchodilator that belongs to the methylxanthine class. It works by relaxing the smooth muscles of the bronchial airways and pulmonary blood vessels through non-selective inhibition of phosphodiesterase enzymes, leading to increased intracellular cyclic AMP. This results in bronchodilation, improved airflow, and relief from symptoms of asthma and COPD. Beta-cyclodextrin enhances the solubility and bioavailability of Theophylline, leading to better absorption and gastrointestinal tolerance.

Indications:

- Chronic asthma
- Chronic obstructive pulmonary disease (COPD)
- Bronchospasm associated with respiratory conditions
- Nocturnal asthma or exercise-induced bronchoconstriction

Dosage & Administration:

- **Adults:** One tablet (400 mg) once or twice daily, as prescribed by the physician
- Administer after meals with water
- Dose adjustment may be needed in elderly patients or those with hepatic or cardiac impairment
- Regular monitoring of Theophylline blood levels is advised in long-term use

Contraindications:

- Hypersensitivity to Theophylline or other xanthine derivatives
- Acute myocardial infarction or arrhythmias
- Peptic ulcer disease (active)

Warnings & Precautions:

- Monitor serum theophylline levels to avoid toxicity
- Use cautiously in patients with liver disease, hyperthyroidism, or seizure disorders
- Avoid concomitant use with other xanthines or CNS stimulants
- Caution in patients who consume high quantities of caffeine

Adverse Effects:

- Common: Nausea, vomiting, abdominal discomfort, headache, insomnia
- Less common: Palpitations, dizziness, nervousness
- Toxic effects (in case of overdose): Seizures, tachycardia, hypotension

Storage:

Store below 25°C in a cool, dry place

Protect from light and moisture

Keep out of reach of children

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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

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