

# Coffold- D

## Each 5 ml Contains:

Dextromethorphan Hydrobromide .....15 mg  
Chlorpheniramine Maleate .....2 mg  
Phenylephrine Hydrochloride..... 5 mg  
Excipient..... q.s.

## Clinical Pharmacology:

**Dextromethorphan HBr :** Dextromethorphan is a non-narcotic cough suppressant that acts on the cough centre in the brain to reduce the urge to cough. It works by diminishing the signals in the brain that trigger the cough reflex.

**Chlorpheniramine Maleate (CPM) :** CPM is an antihistamine that blocks H1 histamine receptors, providing relief from allergy symptoms such as runny nose, sneezing, itching, and watery eyes. It is also used to reduce nasal congestion and improve breathing.

**Phenylephrine Hydrochloride:** Phenylephrine is a decongestant that narrows the blood vessels in the nasal passages, leading to decreased swelling and congestion in the nasal passages and sinuses. It relieves nasal stuffiness and sinus pressure.

## Indications:

Cough associated with cold and upper respiratory tract infections.

Allergic symptoms such as runny nose, sneezing, and throat irritation. - Nasal and sinus congestion.

## Contraindications:

Hypersensitivity to any of the components.

Severe hypertension or severe coronary artery disease.

Patients taking monoamine oxidase inhibitors (MAOIs) or within 14 days of stopping such treatment.

Severe renal impairment.

## Precautions and Warnings:

**Dextromethorphan:** Should not be used in patients with a persistent or chronic cough such as occurs with smoking, asthma, or emphysema, or where cough is accompanied by excessive mucus.

**Chlorpheniramine Maleate:** May cause drowsiness; patients should be cautioned against engaging in activities requiring alertness such as driving or operating machinery.

**Phenylephrine:** Use with caution in patients with heart disease, high blood pressure, thyroid disease, diabetes, or trouble urinating due to an enlarged prostate gland.

**Drug Interactions:**

Dextromethorphan: Risk of serotonin syndrome when used with serotonergic drugs like SSRIs, MAOIs, or tricyclic antidepressants.

Chlorpheniramine: Potentiates the effects of alcohol and other CNS depressants. -

Phenylephrine: May interact with antihypertensive agents, increasing blood pressure; also may interact with beta-blockers and MAOIs.

**Adverse Effects:**

Common adverse effects includes drowsiness, dizziness, dry mouth, nausea, vomiting, and headache.

Serious adverse effects includes hypertension, palpitations, urinary retention, and anaphylaxis in rare cases.

**Overdosage:**

Symptoms of overdose may include agitation, confusion, hallucinations, tremor, seizures, and cardiovascular collapse.

Treatment: Supportive care and symptomatic treatment should be provided. Activated charcoal may reduce absorption if administered within 1 hour of ingestion.

**Route of Administration:** Syrup should be measured using a proper measuring device. Do not exceed the prescribed dose.

**SCHEDULE H PRESCRIPTION DRUG CAUTION:**

Not to be sold by retail without the prescription of a Registered Medical Practitioner.

**Dosage:** As directed by the physician.

**Storage:** Store at a temperature below 25°C. Protect from light and moisture. Keep out of reach of children.

**Presentation:** Available in a 100 ml bottle.



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