

# Nosemin

## Cetirizine

### Composition

**Nosemin Tablet:** Each film coated tablet contains Cetirizine Dihydrochloride BP 10 mg. **Nosemin Syrup:** Each 5 ml of syrup contains Cetirizine Dihydrochloride BP 5 mg.

### Description

**Nosemin (Cetirizine)** is a piperazine derivative and a potent antagonist of histamine H1 receptor without any significant anticholinergic and antiserotonin effects. It is a long acting antihistamine. Cetirizine is rapidly absorbed within 1 hour of oral administration. Food does not reduce the extent of its absorption. The plasma protein binding is 93%. The terminal elimination half life ranges from 6.7 hr. to 10.9 hr. The drug is eliminated mainly by renal excretion as unchanged drug.

### Indication

**Nosemin** is indicated for the prevention and symptomatic relief of allergic manifestations such as:

- Seasonal allergic rhinitis
- Perennial allergic rhinitis
- Chronic idiopathic urticaria

### Dosage and Administration

**Nosemin Tablet:** Adults and Children over 6 years: 10 mg (1 tablet) once daily. **Nosemin Syrup:** Adults and Children over 6 years: 10 mg (2 tea spoonful) daily. Children (2-6 years): 5 mg (1 teaspoonful) daily or 2-5 mg (1/2 teaspoonful) twice daily. Dosage in renal & hepatic impairment: Dosage adjustment is necessary in patients with moderate to severe renal impairment, hepatic impairment and patients on dialysis.

### Precaution

Caution should be exercised when driving a car or operating heavy machineries. Concurrent use of Cetirizine with alcohol or other CNS depressants should be avoided because reduction in alertness and impairment of CNS activity may occur. **Children:** Cetirizine is effective and well-tolerated in children. No special precautions are required in children over 6 years of age. **Pregnancy:** There are no adequate and well-controlled studies in pregnant women using Cetirizine. Therefore Cetirizine should be used in pregnancy only if clearly needed. **Lactating Mother:** Cetirizine has been reported to be excreted in breast milk and thus, use of Cetirizine in lactating mother is not recommended.

### Contraindication

Cetirizine is contraindicated in patients who have shown hypersensitivity or idiosyncrasy to it or its parent compound- Hydroxyzine.

### Side effect

Dry mouth, constipation, transient bradycardia (followed by tachycardia , arrhythmias), dilatation of the pupils, raised intraocular pressure have been reported infrequently during treatment with Hyoscine- N- Butyl Bromide.

### Presentation

**Nosemin Tablet:** Box contains 100 (10x10's) tablets in blister strip.

**Nosemin Syrup:** Amber glass bottle contains 60 ml syrup.

### Manufactured by:



The IBN SINA Pharmaceutical Industry Ltd.  
Shafipur, Gazipur, Bangladesh.