

Genazopt

Brinzolamide

Sterile Ophthalmic Suspension

Presentation

Genazopt: Each ml sterile ophthalmic suspension contains Brinzolamide USP 10 mg.

Preservative: Benzalkonium Chloride 0.01%

Vehicle: Carbomer 974P 0.3%

Pharmacological Action

Carbonic anhydrase (CA) is an enzyme found in many tissues of the body including the eye. It catalyses the reversible reaction involving the hydration of carbon dioxide and the dehydration of carbonic acid. It exists as a number of isoenzymes, the most active being carbonic anhydrase II (CA-II), found primarily in red blood cells, but also in other tissues. Inhibition of carbonic anhydrase in the ciliary processes of the eye decreases aqueous humor secretion, presumably by slowing the formation of bicarbonate ions with subsequent reduction in sodium and fluid transport.

Following topical ocular administration, brinzolamide inhibits aqueous humor formation and reduces elevated intraocular pressure. Elevated intraocular pressure is a major risk factor in the pathogenesis of optic nerve damage and glaucomatous visual field loss.

Indications

Brinzolamide 1% Ophthalmic Suspension is indicated as monotherapy, or as adjunctive therapy to beta-blockers in the treatment of elevated intraocular pressure in ocular hypertension, or open-angle glaucoma.

Dosage and Application

The recommended dose is one drops of this eye drop in the conjunctival sac of the affected eye(s) twice daily. Some patients may have a better response with one drop three times a day.

Contraindications

Hypersensitivity to any components of this product.

Side Effects

The most frequent treatment related side effects and local symptoms that may be experienced are taste perversion (bitter, sour or unusual taste) (5.4%) and temporary blurred vision upon instillation, lasting from a few seconds to a few minutes.

Precautions

Glaucoma caused by accumulation of pigment particles in the drainage channels of the eye (pigmentary glaucoma).

Glaucoma caused as a result of a disorder of part of the eyeball called the ciliary body (pseudoexfoliative glaucoma). Diabetes, Contact lens wearers, Dry eyes.

Use in Pregnancy and Lactation

Safety in pregnancy and lactation has not been established.

Over Dose

Although no human data are available, electrolyte imbalance, development of an acidotic state, and possible nervous system effects may occur following oral administration of an overdose.

Storage Conditions

Store in a cool & dry place away from light. Keep out of reach of children. Do not touch the dropper tip to surfaces since this may contaminate the Suspension. After one month of the opening do not use the medicine of dropper.

Commercial Pack

Genazopt: Each plastic dropper bottle containing 5 ml sterile ophthalmic suspension.

Manufactured by :

 **GENERAL**
Pharmaceuticals Ltd.
Unit-2, Gazipur, Bangladesh

