

Genazopt T

Brinzolamide & Timolol

Sterile Ophthalmic Suspension

Presentation

Genazopt T: Each ml sterile ophthalmic suspension contains Brinzolamide USP10 mg and Timolol 5 mg (As Timolol Maleate BP).

Preservative: Sodium Perborate 0.01%

Vehicle: Carbomer 974P 0.3%

Pharmacological Action

Brinzolamide is a potent inhibitor of human carbonic anhydrase II(CA- II). Carbonic anhydrase (CA) is an enzyme found in many tissues of the body including the eye. 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.

Timolol maleate is a non-selective beta-blocker that reduces aqueous humor formation and a slight increase in outflow facility.

Indications

Decrease of intraocular pressure (IOP) in adult patients with open-angle glaucoma or ocular hypertension for whom monotherapy provides insufficient IOP reduction.

Dosage and Application

The dose is one drop of Genazopt T in the conjunctival sac of the affected eye(s) twice daily.

Contraindications

Contraindicated in patients with hypersensitivity to any component of this medication, in patients receiving monoamine oxidase (MAO) inhibitor therapy, bronchospasm, bronchial asthma or severe chronic obstructive pulmonary disease, sinus bradycardia, second or third degree atrioventricular block, cardiac failure or cardiogenic shock.

Side Effects

As with any eye drops, temporary blurred vision or other visual disturbances may affect the ability to drive or use machines. If blurred vision occurs at instillation, the patient must wait until the vision clears before driving or using machines.

Precautions

Like other topically applied ophthalmic agents, it may be absorbed systemically. Due to the beta-adrenergic component Timolol, the same types of cardiovascular and pulmonary adverse reactions as seen with systemic beta-blockers may occur. Caution should be exercised in treating patients with severe or unstable and uncontrolled cardiovascular disease.

Drug Interactions

No interaction studies have been performed with Genazopt T.

Pregnancy and Lactation

Pregnancy: There are no adequate data from the use of brinzolamide in pregnant women.

Lactation: It is not known whether brinzolamide is excreted in human breast milk. Timolol does appear in human breast milk and there is potential for serious adverse reactions from Timolol in breastfed infants. Therefore, a decision should be made whether to discontinue breast feeding or to discontinue this eye drops, taking into account the importance of this eye drops to the mother.

Over Dose

No data are available with regard to overdose with this eye drops.

Storage Conditions

Store in a cool and dry place away from light. Keep out of reach of children. Do not touch the dropper tip to surfaces since this may contaminate the solution. Do not use after one month of first opening.

Commercial Pack

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

Manufactured by :

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



Revision No.: 00