

BNZ

Rx only

Brinzolamide USP 1%

Sterile & Pyrogen Free Ophthalmic Suspension

Composition

BNZ Sterile Ophthalmic Suspension: Each mL contains Brinzolamide USP 10 mg.

Preservative: Sodium Perborate 0.01%, **Vehicle:** Carbomer

Pharmacology

Brinzolamide is a carbonic anhydrase (CA) inhibitor that inhibit carbonic anhydrase II (CA-II) of ciliary body epithelium and decrease aqueous humor secretion, presumably by slowing the formation of bicarbonate ions with subsequent reduction in sodium and fluid transport. The result is a decrease aqueous humor formation and reduction in intraocular pressure (IOP).

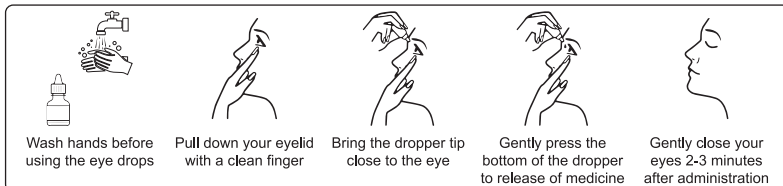
Indications

Elevated intraocular pressure in patients with ocular hypertension or open-angle glaucoma.

Dosage & Administration

Shake well before use.

Instill 1 drop in the affected eye(s) twice daily, if necessary then increased up to 3 times a day or as advised by the registered physician.



Contraindications

Brinzolamide 1% ophthalmic suspension is contraindicated in patients who are hypersensitive to any component of this product.

Side Effects

Brinzolamide have a lower potential to produce adverse effect. Reported side effects are- transient blurred vision, burning/stinging, foreign body sensation and ocular hyperemia.

Warnings & Precautions

- Brinzolamide 1% increased corneal edema in patients with low endothelial cell counts. So caution should be used in such patients.
- Brinzolamide 1% and its metabolite are excreted predominantly by the kidney. So it is not recommended in severe renal impaired patients.
- Brinzolamide 1% should not be administered while wearing contact lenses. Lenses may be reinserted after 15 minutes following administration.



Special Guideline

- ❖ If more than one topical ophthalmic product is to be used, other eye drops should be instilled at least 5 to 10 minutes apart.
- ❖ If using two types of eye medications such as solution and suspension, use the solution first and then use suspension.
- ❖ If using eye drops and an eye ointment, use the eye drops first then apply the ointment at least 10 minutes later.
- ❖ Don't share eye drops with another persons because sharing drops could spread germs and infection.

Use in Pregnancy & Lactation

Pregnancy: Pregnancy category C. There are no adequate and well-controlled studies in pregnant women. Brinzolamide 1% ophthalmic suspension should be used during pregnancy only if the benefit justifies the potential risk to the fetus.

Lactation: It is not known whether Brinzolamide 1% ophthalmic suspension is excreted in human milk. So, lactating mother should discontinue nursing or to discontinue the drug, depending upon the importance of the drug to the mother.

Use in Children & Adolescent

Safety and effectiveness in pediatric patients of <18 years of age have not been established.

Drug Interaction

The concomitant administration of brinzolamide 1% ophthalmic suspension and oral carbonic anhydrase inhibitors is not recommended.

Overdose

No data available.

Storage

Store below 30°C, protect from light and in a dry place. Keep out of the reach of children.

Packaging

BNZ Sterile Ophthalmic Suspension: Each LDPE dropper bottle contains 5 mL Sterile & Pyrogen free ophthalmic suspension and a patient information leaflet.

Manufactured by:

UNIDO
Pharmaceutical Limited
Batpara, Narsingdi, Bangladesh.

PM 2024

