

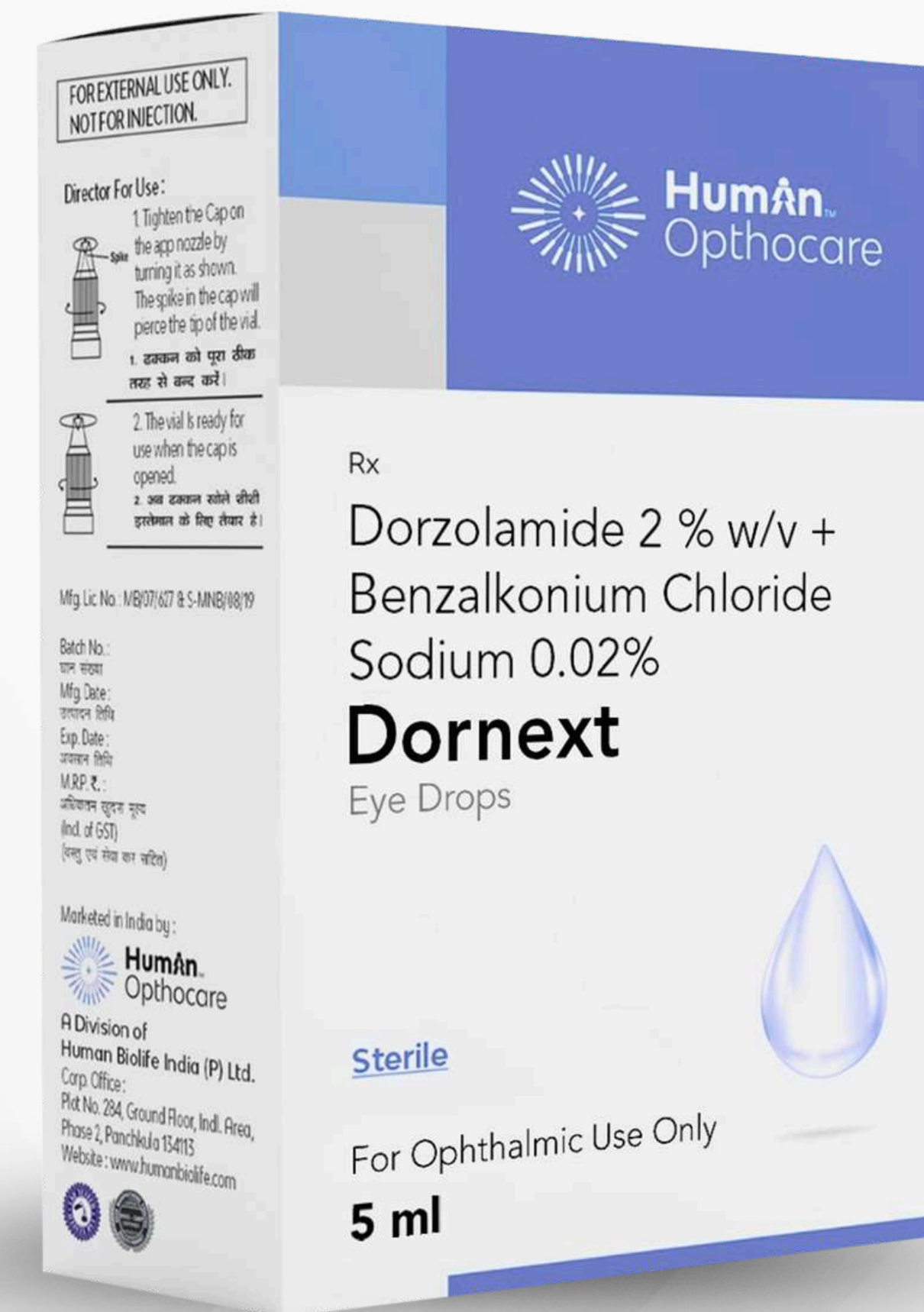
DORNEXT EYE DROPS

Dorzolamide 2% w/v +
Benzalkonium Chloride 0.02%

"Carbonic Anhydrase Inhibition for Strong IOP Reduction"

Marketed by: Human Opthocare
A Division of Human Biolife India Pvt. Ltd.

www.humanopthocare.com



Product Overview



Dornext Eye Drops

- ◆ Dorzolamide 2%

Carbonic anhydrase inhibitor → reduces aqueous humor secretion → lowers intraocular pressure (IOP)

- ◆ Benzalkonium Chloride 0.02%

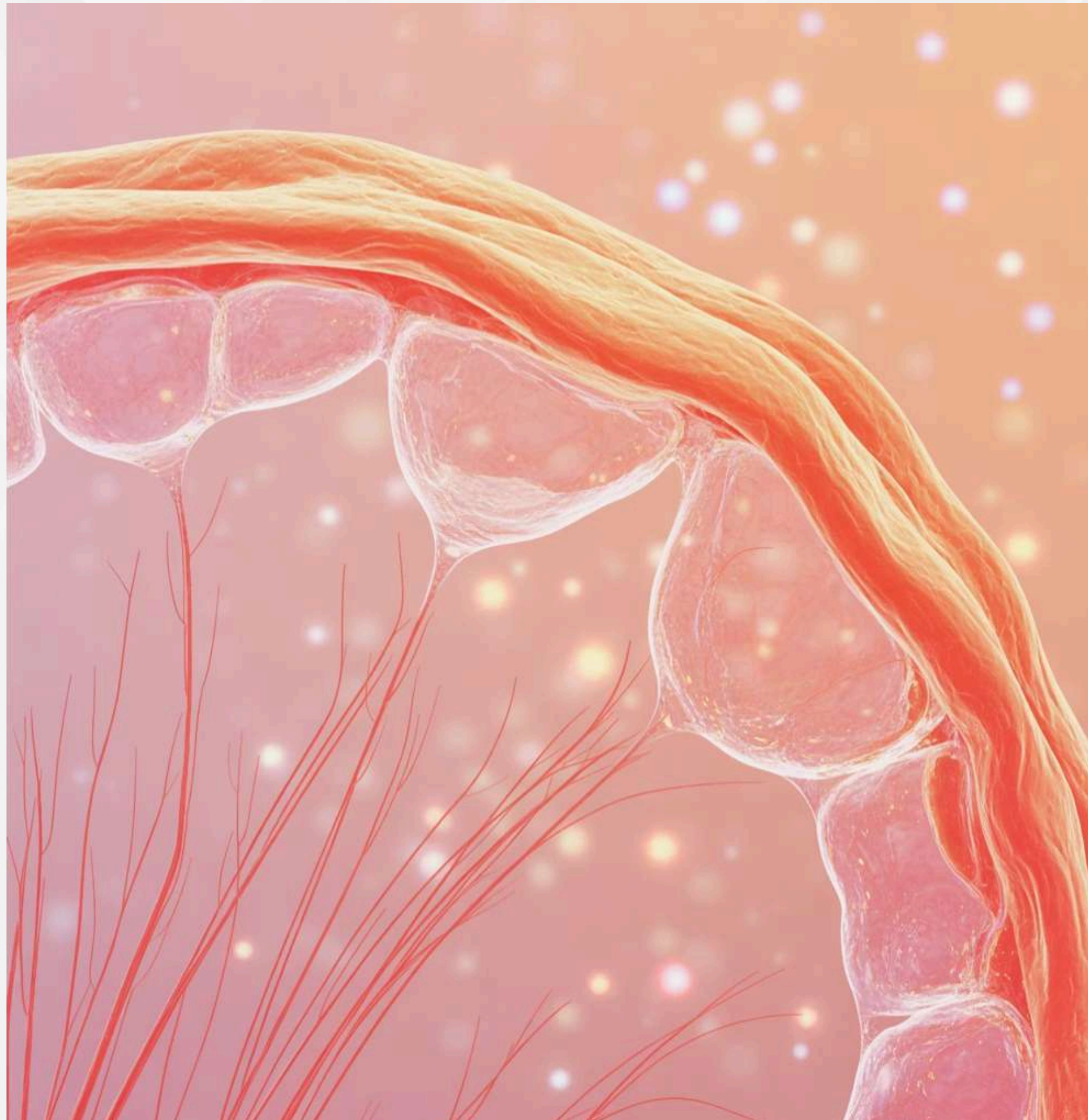
Ensures sterility of formulation

- ◆ Effective in glaucoma & ocular hypertension management

- ◆ Suitable for patients unresponsive/intolerant to β -blockers



Why Dorzolamide?



Mechanism

Inhibits carbonic anhydrase in ciliary body → ↓ bicarbonate ion formation → ↓ fluid transport → ↓ aqueous humor production

Efficacy

Reduces IOP by **15–20%** as monotherapy

Alternative

For patients with contraindications to β -blockers

Combination

Can be combined with β -blockers or prostaglandins for additive effect

Indications

💡 Dornext is recommended for:

- Ocular hypertension
- Primary open-angle glaucoma
- Pseudoexfoliative & secondary glaucomas
(where lowering IOP is beneficial)
- Patients intolerant to β -blockers
(asthma, COPD, cardiac conditions)
- Adjunctive therapy with other IOP-lowering agents

Clinical Advantages

★ Key Benefits of Dornext:



Effective monotherapy for IOP control



Additive effect when combined with Timolol or Prostaglandin analogs



Suitable for patients with systemic contraindications to β -blockers



Good safety profile for long-term management



Reduces risk of glaucoma progression & optic nerve damage

Comparison with Other Agents

Parameter	Dorzolamide (Dornext)	Timolol	Prostaglandin Analogs
IOP Reduction	✓ Moderate (15–20%)	✓ Strong (20–25%)	✓ Strongest (30–35%)
Onset of Action	⚠ Moderate	✓ Rapid	⚠ Gradual
Systemic Side Effects	✓ Minimal	✗ Beta-blocker effects	✓ Minimal
Ideal For	✓ Patients intolerant to β-blockers	✗ Contraindicated in asthma/COPD	✓ First-line in most cases

Dosage & Administration

01

Dosage

Instill **1 drop in the affected eye(s) 3 times daily** (can be reduced to BID in some cases or with combination therapy).

03

Contact Lens Users

⚠ Remove contact lenses prior to instillation; reinsert after 15 minutes.

02

Important Note

⚠ For ophthalmic use only.



Safety & Tolerability

🔍 Generally well-tolerated. Possible mild side effects:

- Transient burning or stinging
- Bitter taste after instillation (common)
- Mild conjunctival hyperemia

🚫 Contraindications:

Hypersensitivity to sulfonamides

Severe renal or hepatic impairment

Corneal endothelial dysfunction (use with caution)



Why Prescribe Dornext?

 Doctor's Choice For:

✓ Safe & effective carbonic anhydrase inhibition

✓ Reliable IOP reduction in glaucoma & ocular hypertension

✓ Suitable for patients with β -blocker contraindications

✓ Can be prescribed as monotherapy or add-on therapy

✓ Backed by HumAn Opthocare's trusted quality



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Contact Us

Fluromac is a potent ophthalmic corticosteroid for targeted inflammation relief with a strong safety profile when used judiciously.

Use with clinical discretion, especially in high-risk ocular conditions.

For medical queries or collaboration:

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www.humanopthocare.com



+91 6283361749

