



DICLOVET OFTÁLMICO

REGISTRATION NUMBER Q-7972-050

FORMULA:

Each ml contains:

Diclofenac sodium 1 mg

Vehicle q.s. 1 ml

PRESENTATION: 10 ml.

VETERINARY USE

OPHTHALMIC SOLUTION

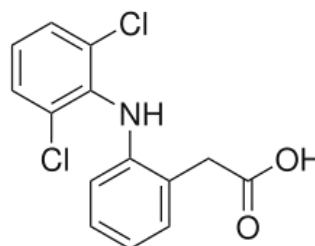
NON-STEROIDAL ANTI-INFLAMMATORY

INDICATIONS:

It acts as an analgesic and anti-inflammatory of the ocular region caused by surgery of the eye or its adjoining tissues. Adjuvant in infectious conjunctivitis, keratitis, keratoconjunctivitis, blepharoqueratitis.

Diclofenac is a phenylacetic derivative¹ whose chemical name is 2-[2-[(2,6-dichlorophenyl)amino]phenyl]acetic acid and whose molecular formula is C₁₄H₁₁Cl₂NO₂.

Being a weak acid, it has a pKa of 4 and a partition coefficient of (n-octanol / aqueous buffer pH 7.4) of 13.4.



Pharmacology

Diclofenac sodium is a phenylacetic acid, it is a non-steroidal anti-inflammatory drug (NSAID) with anti-inflammatory, analgesic and antipyretic activity, it has weak acid properties and its solubility depends on pH. It acts at the level of arachidonic acid metabolism by inhibiting the cyclooxygenase enzyme, responsible for the synthesis of prostaglandins, prostacyclin and thromboxanes.

Topical diclofenac sodium solution reduces inflammation after cataract extraction in people and counteracts photophobia in humans who have corneal refractive surgery. In veterinary medicine, diclofenac sodium is used for the treatment of uveitis following surgery on the eye or other causes of uveitis especially when corneal infection is suspected or in diabetic patients whose insulin regulation might be altered by systemic absorption of topical





corticosteroids. Diclofenac may be combined with topical corticosteroids for better control of uveitis in animals when the condition is severe.

PHARMACOKINETICS AND PHARMACODYNAMICS:

Diclofenac is a potent inhibitor of cyclooxygenase activity causing acute reduction in the formation of prostaglandins, prostacyclin and thromboxane products, which are mediators of inflammation. In addition, diclofenac acts on the lipooxygenase pathway. Diclofenac decreases the signs and symptoms of ocular inflammation after cataract extraction. This drug can prevent the effects of prostaglandins on the structures of the eye.

INCOMPATIBILITIES:

None known.

SPECIAL CONSERVATION CAUTION:

Do not store the bottle at a temperature above 25 °C. Close the bottle immediately after use. Do not use the eye drops more than one month after opening.

It can be combined with any steroidal anti-inflammatory drug to potentiate its effect.

Diclofenac by itself may cause discomfort to the patient, so it is advisable to apply it after keeping it refrigerated to improve the patient's sensation.

WARNINGS:

Protect from light. Keep out of reach of children. Product for veterinary use only.

- The anti-inflammatory activity of ophthalmic non-steroidal anti-inflammatory drugs (NSAIDs) may mask the onset or progression of eye infections. In case of infection, or if the patient is at risk of infection, appropriate treatment with **Diclovet ophthalmic** should be instituted.
- Although no adverse events have been reported, it is theoretically possible that patients receiving other drugs that prolong bleeding time, or who have defects in hemostasis, may experience an exacerbation of signs.
- The ophthalmic solution is not injectable and should never be injected sub-conjunctivally, nor should it be introduced directly into the anterior chamber of the eye.

SPECIES:

Canines y Felines

DOSAGE:

Apply 2 drops in the affected eye, 3 to 4 times a day depending on the severity of the case.

ROUTE OF ADMINISTRATION:

Ophthalmic



Dejando huella en la
Industria de la Salud Animal

WARNINGS AND RESTRICTIONS:

In case of signs of irritation or allergy discontinue use immediately. Keep in a dry, cool place, in a range of 15-30° C and protected from direct sunlight. Keep out of reach of children and domestic animals. Any unused veterinary medicinal product, residues derived from it and empty containers should be disposed of safely and in accordance with local regulations, avoiding contamination of water sources. **Product for exclusive use in Veterinary Medicine.**

Consult your veterinarian

Exclusive literature for veterinarians. Keep out of reach of children.

Its sale requires medical prescription.

Responsible for content: Technical Department.

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