# **ATTENTION: QD BROMDAY™ Replaces XIBROM™**

XIBROM will no longer be shipped to wholesalers after February 28, 2011

# The FIRST and ONLY QD ophthalmic NSAID for use in cataract surgery<sup>1</sup>



# omdav promtenac ophthalmic Solution) 0.099 Sterile Rx only 1.7 mL Bromday **Once Daily**

IMPORTANT UPDATE

# **Order BROMDAY Today**

- Approximately 3.1 million cataract surgeries are performed annually<sup>2</sup>
- The ophthalmic NSAID market is a \$320 million market<sup>3</sup>
- More than 2.6 million ophthalmic NSAID prescriptions are written annually<sup>3</sup>

STOCKING INFORMATION		
Product	Packaging	NDC#
BROMDAY	1.7 mL	67425-999-17

BROMDAY (bromfenac ophthalmic solution) 0.09% is indicated for the treatment of postoperative inflammation and reduction of ocular pain in patients who have undergone cataract surgery.

The most commonly reported adverse reactions in 2-7% of patients were abnormal sensation in eye, conjunctival hyperemia and eye irritation (including burning/stinging).

## Please see full prescribing information on reverse.

Rx only



References 1. BROMDAY [package insert]. Irvine, CA: ISTA Pharmaceuticals, Inc; 2010. 2. Cullen KA, Hall MJ, Golosinskiy A. Ambulatory surgery in the United States, 2006. National Health Statistics Reports. Hyattsville, MD: National Center for Health Statistics; 2009. Number 11. 3. IMS National Prescription Audit™ (NPA). IMS Health, Inc.; 2010.

#### Bromday<sup>™</sup> (bromfenac ophthalmic solution) 0.09%

HIGHLIGHTS OF PRESCRIBING INFORMATION These highlights do not include all the information needed to use Bromday (bromfenac ophthalmic solution) 0.09% safely and effectively. See full prescribing information for Bromday. Bromday (bromfenac ophthalmic solution) 0.09% Initial U.S. Approval: 1997

-- INDICATIONS AND USAGE---Bromday is a nonsteroidal anti-inflammatory drug (NSAID) indicated for the treatment of postoperative inflammation and reduction of ocular pain in patients who have undergone cataract extraction (1).

#### --DOSAGE AND ADMINISTRATION----Instill one drop into the affected eye(s) once daily

beginning 1 day prior to surgery, continued on the day of surgery and through the first 14 days postsurgery (2.1).

--DOSAGE FORMS AND STRENGTHS------Topical ophthalmic solution: bromfenac 0.09% (3)

### FULL PRESCRIBING INFORMATION: CONTENTS\*

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#### FULL PRESCRIBING INFORMATION 1. INDICATIONS AND USAGE

Bromday (bromfenac ophthalmic solution) 0.09% is indicated for the treatment of postoperative inflammation and reduction of ocular pain in patients who have undergone cataract surgery.

#### 2. DOSAGE AND ADMINISTRATION

#### 2.1 Recommended Dosing

For the treatment of postoperative inflammation in patients who have undergone cataract extraction, one drop of Bromday ophthalmic solution should be applied to the affected eye(s) once daily beginning  $1 \ \text{day} \ \text{prior}$  to cataract surgery, continued on the day of surgery, and through the first 14 days of the postoperative period.

2.2 Use with Other Topical Ophthalmic Medications Bromday ophthalmic solution may be administered in conjunction with other topical ophthalmic medications such as alpha-agonists, beta-blockers, carbonic anhydrase inhibitors, cycloplegics, and mydriatics. Drops should be administered at least 5 minutes apart.

#### **3. DOSAGE FORMS AND STRENGTHS**

Topical ophthalmic solution: bromfenac 0.09%.

#### 4. CONTRAINDICATIONS

None.

#### 5. WARNINGS AND PRECAUTIONS 5.1 Sulfite Allergic Reactions

Contains sodium sulfite, a sulfite that may cause allergic-type reactions including anaphylactic symptoms and life-threatening or less severe asthmatic episodes in certain susceptible people. The overall prevalence of sulfite sensitivity in the general population is unknown and probably low. Sulfite sensitivity is seen more frequently in asthmatic than in non-asthmatic people.

#### 5.2 Slow or Delaved Healing

All topical nonsteroidal anti-inflammatory drugs (NSAIDs) may slow or delay healing. Topical corticosteroids are also known to slow or delay healing. Concomitant use of topical NSAIDs and topical steroids may increase the potential for healing problems.

#### 5.3 Potential for Cross-Sensitivity

There is the potential for cross-sensitivity to

## --WARNINGS AND PRECAUTIONS-

· Sulfite Allergic Reactions (5.1) · Slow or Delaved Healing (5.2) · Potential for cross-sensitivity (5.3) Increase bleeding of ocular tissues (5.4) · Corneal effects including keratitis (5.5) · Contact Lens Wear (5.6)

---ADVERSE REACTIONS-The most commonly reported adverse reactions in 2-7% of patients were abnormal sensation in eve. conjunctival hyperemia and eye irritation (including burning/stinging) (6.1).

To report SUSPECTED ADVERSE REACTIONS. contact ISTA Pharmaceuticals. Inc. at 1-877-788-2020, or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

#### See 17 for PATIENT COUNSELING INFORMATION Revised: 9/2010

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\*Sections or subsections omitted from the full prescribing information are not listed.

acetylsalicylic acid, phenylacetic acid derivatives, and other NSAIDs. Therefore, caution should be used when treating individuals who have previously exhibited sensitivities to these drugs. 5.4 Increased Bleeding Time

With some NSAIDs, there exists the potential for increased bleeding time due to interference with platelet aggregation. There have been reports that ocularly applied NSAIDs may cause increased bleeding of ocular tissues (including hyphemas) in conjunction with ocular surgery. It is recommended that Bromday ophthalmic

solution be used with caution in patients with known bleeding tendencies or who are receiving other medications which may prolong bleeding time.

5.5 Keratitis and Corneal Reactions Use of topical NSAIDs may result in keratitis.

In some susceptible patients, continued use of topical NSAIDs may result in epithelial breakdown, corneal thinning, corneal erosion, corneal ulceration or corneal perforation. These events may be sight threatening. Patients with evidence of corneal epithelial breakdown should immediately discontinue use of topical NSAIDs and should be closely monitored for corneal health. Post-marketing experience with topical NSAIDs suggests that patients with complicated ocular surgeries, corneal denervation, corneal epithelial defects, diabetes mellitus, ocular surface diseases (e.g., dry eye syndrome), rheumatoid arthritis, or repeat ocular surgeries within a short period of time may be at increased risk for corneal adverse events which may become sight threatening. Topical NSAIDs should be used with caution in these patients.

Post-marketing experience with topical NSAIDs also suggests that use more than 24 hours prior to surgery or use beyond 14 days post surgery may increase patient risk for the occurrence and severity of corneal adverse events.

#### 5.6 Contact Lens Wear

Bromday should not be administered while wearing contact lenses

#### 6. ADVERSE REACTIONS

6.1 Clinical Trial Experience

The most commonly reported adverse experiences reported following use of bromfenac after cataract surgery include: abnormal sensation in eye, conjunctival hyperemia, eye irritation (including burning/stinging), eye pain, eye pruritus, eye redness, headache, and iritis. These events were reported in 2-7% of patients.

#### 6.2 Post-Marketing Experience

The following events have been identified during post-marketing use of bromfenac ophthalmic solution 0.09% in clinical practice. Because they are reported voluntarily from a population of unknown size, estimates of frequency cannot be made. The events, which have been chosen for inclusion due to either their seriousness, frequency of reporting, possible causal connection to topical bromfenac ophthalmic solution 0.09% or a combination of these factors, include corneal erosion, corneal perforation, corneal thinning, and epithelial breakdown. [see Warnings and Precautions (5)]

#### 8. USE IN SPECIFIC POPULATIONS 8.1 Pregnancy

Teratogenic Effects: Pregnancy Category C. Reproduction studies performed in rats at oral doses up to 0.9 mg/kg/day (1300 times the

recommended human ophthalmic dose [RHOD]) and in rabbits at oral doses up to 7.5 mg/kg/ day (11,000 times RHOD) revealed no evidence of teratogenicity due to bromfenac. However, 0.9 mg/kg/day in rats caused embryo-fetal lethality, increased neonatal mortality, and reduced postnatal growth. Pregnant rabbits treated with 7.5 mg/kg/day caused increased post-implantation loss. There are no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

#### Nonteratogenic Effects:

Because of the known effects of prostaglandin biosynthesis-inhibiting drugs on the fetal cardiovascular system (closure of ductus arteriosus). the use of Bromday ophthalmic solution during late pregnancy should be avoided.

#### 8.3 Nursing Mothers

Caution should be exercised when Bromday is administered to a nursing woman

#### 8.4 Pediatric Use

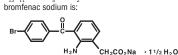
Safety and efficacy in pediatric patients below the

#### age of 18 have not been established. 8.5 Geriatric Use

There is no evidence that the efficacy or safety profiles for Bromday differ in patients 65 years of age and older compared to younger adult patients.

#### 11. DESCRIPTION

Bromday (bromfenac ophthalmic solution) 0.09% is a sterile, topical, nonsteroidal anti inflammatory drug (NSAID) for ophthalmic use. Each mL of Bromday contains 1.035 mg bromfenac sodium (equivalent to 0.9 mg bromfenac free acid). Bromfenac sodium is designated chemically as sodium 2-amino-3-(4-bromobenzoyl) phenylacetate sesquihydrate, with an empirical formula of C15H11BrNNaO3 · 11/2H2O. The structural formula for



Bromfenac sodium is a yellow to orange crystalline powder. The molecular weight of bromfenac sodium is 383.17. Bromday ophthalmic solution is supplied as a sterile aqueous 0.09% solution, with a pH of 8.3. The osmolality of Bromday ophthalmic solution is approximately 300 mOsmol/kg.

### Each mL of Bromday ophthalmic solution contains:

Active: bromfenac sodium hydrate 0.1035% Preservative: benzalkonium chloride (0.05 mg/mL) Inactives: boric acid, disodium edetate (0.2 mg/ mL), polysorbate 80 (1.5 mg/mL), povidone (20 mg/mL), sodium borate, sodium sulfite anhydrous (2 mg/mL), sodium hydroxide to adjust pH and water for injection, USP

#### **12. CLINICAL PHARMACOLOGY** 12.1 Mechanism of Action

Bromfenac is a nonsteroidal anti-inflammatory drug (NSAID) that has anti-inflammatory activity. The mechanism of its action is thought to be due to its ability to block prostaglandin synthesis by inhibiting cyclooxygenase 1 and 2.

Prostaglandins have been shown in many animal models to be mediators of certain kinds of intraocular inflammation. In studies performed in animal eyes, prostaglandins have been shown to produce disruption of the blood-aqueous humor barrier, vasodilation, increased vascular permeability, leukocytosis, and increased intraocular pressure.

### 12.3 Pharmacokinetics

The plasma concentration of bromfenac following ocular administration of 0.09% Bromday (bromfenac ophthalmic solution) in humans is unknown. Based on the maximum proposed dose of one drop to the eye (0.045 mg) and PK information from other routes of administration, the systemic concentration of bromfenac is estimated to be below the limit of quantification (50 ng/mL) at steady-state in humans

#### **13. NONCLINICAL TOXICOLOGY**

#### 13.1 Carcinogenesis, Mutagenesis and Impairment of Fertility

Long-term carcinogenicity studies in rats and mice given oral doses of bromfenac up to 0.6 mg/kg/day (900 times the recommended human ophthalmic dose [RHOD] of 1.67 mcg/kg in 60 kg person on a mg/kg/basis, assuming 100% absorbed) and 5 mg/kg/day (7500 times RHOD), respectively revealed no significant increases in tumor incidence. Bromfenac did not show mutagenic potential in various mutagenicity studies, including the reverse mutation, chromosomal aberration, and micronucleus tests.

Bromfenac did not impair fertility when administered

orally to male and female rats at doses up to 0.9

and 450 times RHOD, respectively).

**14. CLINICAL STUDIES** 

cataract surgery

surgerv

NSAIDs.

contents.

**Rx Only** 

of this product.

at least 5 minutes apart

Irvine, CA 92618

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Under license from:

©ISTA Pharmaceuticals®, Inc.

By: Bausch & Lomb Incorporated

Senju Pharmaceuticals Co., Ltd.

mg/kg/day and 0.3 mg/kg/day, respectively (1300

14.1 Ocular inflammation and pain following

Clinical efficacy was evaluated in three randomized.

double-masked, placebo-controlled trials in which

subjects requiring cataract surgery were assigned

to Bromday or placebo. Patients were dosed with

one drop per eye starting the day before surgery

and continuing for 14 days. The primary endpoint

was clearing of ocular inflammation by day 15. An

patients who were pain free on day 1 after cataract

In 2 of the 3 studies, Bromday ophthalmic solution

completely clearing inflammation (46-47% vs. 25-

29%) and also had a statistically significant higher

incidence of subjects that were pain free at day 1

16. HOW SUPPLIED/STORAGE AND HANDLING

Bromday (bromfenac ophthalmic solution) 0.09%

is supplied in a white LDPE plastic squeeze bottle

with a 15 mm LDPE white dropper-tip and 15 mm

1.7 mL in 7.5 mL container (NDC 67425-999-17)

STORAGE Store at 15° - 25°C (59° - 77°F).

**17. PATIENT COUNSELING INFORMATION** 

Patients should be advised of the possibility that

slow or delayed healing may occur while using

Patients should be advised to not touch dropper

tip to any surface, as this may contaminate the

Contact lenses should not be worn during the use

If more than one topical ophthalmic medication is

being used, the medicines should be administered

**17.3 Concomitant Use of Contact Lenses** 

**17.4 Concomitant Topical Ocular Therapy** 

Manufactured for: ISTA Pharmaceuticals, Inc.

Osaka, Japan 541-0046 BQD629-1010

<sup>®</sup> and <sup>™</sup> marks owned by ISTA Pharmaceuticals, Inc.

post cataract surgery (83-89% vs. 51-71%).

polypropylene gray cap as follows:

17.1 Slowed or Delayed Healing

17.2 Sterility of Dropper Tip

had statistically significant higher incidence of

additional efficacy endpoint was the number of