

Thomas Labs Fish Flox, 30 Tablets

## **Ciprofloxacin Antibiotics for Fish**

Ciprofloxacin 250 mg

Fish Flox (Ciprofloxacin) is a synthetic broad spectrum fluoroquinolone antibiotic that is effective against gram-negative and some gram-positive bacterial pathogens of fish, e.g. aeromonads, flexibacteria, vibrios.

**Indications:** Columnaris infections (Fin Rot, Saddleback, and Black Patch Necrosis Syndromes), Freshwater and Saltwater Furunculosis (skin ulcers, systemic disease). Because it inhibits unique target enzymes needed for bacterial replication and DNA repair, it may be effective against bacteria unresponsive to other antibiotics.

**Off-Label Use in Dogs & Cats:** Ciprofloxacin has activity against *E. coli*, *Kelebsiella*, *Proteus*, *Pseudomonas*, *Staphylococcus*, *Salmonells*, *Shigella*, *Yersinia*, *Camphylobacter*, and *Vibrio* species. Ciprofloxacin is used to treat genitourinary tract infections, including prostatitis, severe bacterial gastroenteritis, infections of the respiratory tract, and external auditory canal.

- Avoid use in young animals because of the risk of cartilage injury. Dogs are most sensitive at 4-28 weeks of age. Large, rapidly growing dogs are the susceptible.
- Use with caution in animals that may be prone to seizures, such as those with epilepsy.

### **Dosage & Administration**

Pre-dissolve one tablet (250 mg) per gallon of water in a small amount of water prior to adding to a hospital tank. Immerse for one hour. Repeat every day for 5-7 days with daily water changes after each treatment. Ciprofloxacin chelates divalent cations water hardness (increase dose for marine fish) and high divalent cations in diet. Its activity decreases with high pH (>6.9). It can be bacteriostatic or bactericidal depending on the effective concentration at the target site.

**Dogs and Cats (Off-Label Use):** 10-20 mg/kg (4.5-9 mg/lb) every 24 hours

### **Caution**

Keep out of reach of children. For aquarium use only. Intended for ornamental fish and/or ornamental organisms, and not intended for use with fish for human consumption.

### **Ingredients**

250 mg Ciprofloxacin

### **Storage**

Store at controlled room temperature of 59-86F. (15-30C).