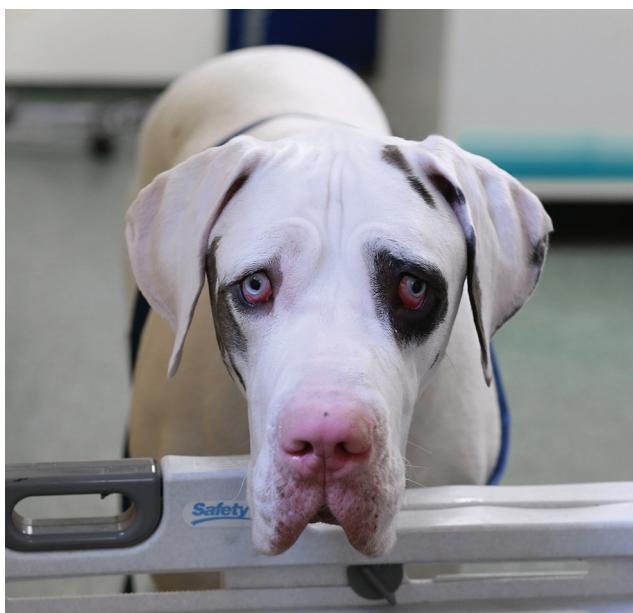


Grapiprant

Non-Steroidal Anti-Inflammatory Medication (Systemic Drug)



Prescriber Highlights

- Prostaglandin E₂ EP4-receptor antagonist (systemic drug), a new class of NSAID for treating osteoarthritis pain in dogs that does not inhibit cyclooxygenase (COX)
- Potentially causes fewer severe adverse effects in dogs than other NSAIDs
- GI effects (eg, vomiting, diarrhea) possible

Information about this drug was adapted from Plumb's® Veterinary Drugs. Further details and more therapeutics can be found with a subscription at plumbsveterinarydrugs.com

Uses, Indications

- Approved for control of pain and inflammation associated with osteoarthritis in dogs

Contraindications, Warnings

- **Contraindications**
Patients with hypersensitivity to grapiprant or its components
- **Warnings**
 - Grapiprant has not been evaluated in dogs younger than 9 months of age or weighing less than 8 lbs (3.6 kgs)
 - Safe use has not been established in dogs used for breeding or in pregnant or lactating dogs

Side Effects

- GI distress (eg, vomiting; diarrhea; decreased appetite; mucoid, watery, or bloody stools)
- Decreased serum albumin and total protein

Drug Interactions

- Grapiprant is a substrate of P-glycoprotein transport, but no clinically relevant drug interactions have been identified
- No inhibition of metabolic

- pathways mediated by cytochrome P450 isoenzymes CYP1A2, CYP2C9, CYP2C19, CYP2D6, or CYP3A4
- Concurrent use with other anti-inflammatory drugs (eg, COX-inhibiting NSAIDs, corticosteroids) should be avoided
- Washout period suggested when switching from corticosteroids or COX-inhibiting NSAIDs to grapiprant

Monitoring

- Clinical efficacy, adverse events
- Appetite
- Emesis
- Stool characteristics

Client Information

- May be given with or without food; however, if vomiting occurs, give with food
- Most common adverse effects include vomiting, diarrhea, and decreased appetite

Dosage Forms

- Grapiprant flavored tablets: 20 mg, 60 mg, and 100 mg

–Compiled and summarized from Plumb's® Veterinary Drugs by Shannon Palermo, VMD