

Maropitant

- Drug Information

Brand Names:

Cerenia™

Pharmacology:

Maropitant is a neurokinin receptor antagonist that blocks the pharmacological action of substance P in the central nervous system

Indications:

Tablets are labeled for the prevention of acute vomiting and the prevention of vomiting due to motion sickness in dogs.

Injectable Solution is labeled for the prevention and treatment of acute vomiting in dogs and for the treatment of vomiting in cats.

Contraindications:

- General

Safe use has not been evaluated in dogs or cats with gastrointestinal obstruction or that have ingested toxins.

Use with caution in patients with hepatic dysfunction.

The safe use of CERENIA Injectable Solution has not been evaluated in dogs or cats used for breeding, or in pregnant or lactating bitches or queens.

- Small Animal

- Dog

Recommended for use in dogs 2 months of age and older.

In puppies younger than 11 weeks of age, histological evidence of bone marrow hypocellularity was observed at higher frequency and greater severity in puppies treated with CERENIA compared to control puppies. In puppies 16 weeks and older, bone marrow hypocellularity was not observed.

- Cat

Injectable product is recommended for use in cats 4 months of age and older.

Interactions:

- General Interactions

No identified General Interactions at time of publishing.

- Category Interactions

- Hepatic enzyme inhibitor

The influence of concomitant drugs that may inhibit the metabolism of CERENIA Injectable Solution has not been evaluated.

- Protein bound drug

Use with caution with other medications that are highly protein bound.

- Drug Interactions

Adverse Effects:

- General

Injection site reactions - pain, swelling and irritation are possible with the injectable form.

- Small Animal

- Dog

Pain/vocalization upon injection, depression/lethargy, anorexia, diarrhea, hematochezia/bloody stool, hypersalivation, vomiting, muscle tremors, sedation / lethargy, retching, flatulence, anxiety, hematuria, excoriation, endotoxic shock, anaphylaxis/anaphylactoid reactions (including swelling of the head/face), ataxia, convulsions, hypersalivation, tremors, fever, dyspnea, collapse/loss of consciousness and recumbency are possible side effects.

In puppies younger than 11 weeks of age, histological evidence of bone marrow hypocellularity was observed at higher frequency and greater severity in puppies treated with CERENIA compared to control puppies. In puppies 16 weeks and older, bone marrow hypocellularity was not observed

Cases of death (including euthanasia) have been reported.

- Cat

Adverse effects include depression/lethargy, anorexia, hypersalivation, pain/vocalization upon injection, dyspnea, ataxia, fever, recumbency, vomiting, panting, convulsion, and muscle tremor.

Cases of death (including euthanasia) have been reported.

Dosages:

- **General**

Use of refrigerated product may reduce the pain response associated with the injection.

The underlying cause of acute vomiting should be identified and addressed. If vomiting persists despite treatment, the case should be re-evaluated.

- **Small Animal**

- Dog

Acute vomiting prevention in dogs 2 - 7 months of age: minimum dose of 2 mg/kg by mouth once daily for up to 5 consecutive days

Acute vomiting prevention in dogs 7 months of age and older: minimum dose of 2 mg/kg by mouth once daily until resolution of acute vomiting.

Interchangeable use with injectable solution for acute vomiting prevention: In dogs that are actively vomiting, to ensure that the full initial dose is administered, use injectable solution at a dose of 1 mg/kg once daily.

Thereafter, for the prevention of acute vomiting, tablets can be given at a dose of 2 mg/kg by mouth once daily and used interchangeably with injectable solution for up to 5 days.

For Prevention of Vomiting Due to Motion Sickness: Dogs should be fasted 1 hour prior to administration. Give dose 2 hours prior to travel by mouth at a minimum dose of 8 mg/kg once daily for up to 2 consecutive days.

Acute vomiting prevention and treatment: Dogs 2 - 4 months of age: Give injectable solution 1 mg/kg subcutaneously once daily for up to 5 consecutive days.

Dogs 4 months of Age and Older: Give injectable solution 1 mg/kg IV over 1 - 2 minutes or subcutaneously once daily for up to 5 consecutive days.

In dogs that are actively vomiting, it is recommended to initiate treatment with injectable and then tablets may be used for the prevention of acute vomiting at 2 mg/kg once daily.

To prevent vomiting in dogs 4 months of age and older caused by emetogenic medications or chemotherapeutic agents: Give injectable solution 1 mg/kg intravenously over 1- 2 minutes or subcutaneously one time, 45 - 60 minutes prior to use of emetogenic medications or chemotherapeutic agents.

- Cat

Vomiting treatment in cats 4 Months of age and older: 1 mg/kg intravenously over 1-2 minutes or subcutaneously once daily for up to 5 consecutive days.

Special Notes:

None