

VONAU® VET

ONDANSETRON HYDROCHLORIDE

5 mg/mL

VETERINARY USE

Antiemetic for oral use in dogs

Formula

Each mL of Vonau® Vet contains:

Ondansetron hydrochloride dihydrate5 mg

excipients q.s.p. 1 mL

*contains menthol flavoring.

Technical Information

Ondansetron is a carbazole-derivative antiemetic drug, belonging to type 3 serotonin receptor antagonist (5-HT₃) class. These receptors are present both peripherally in the vagal nerve terminals and centrally in the chemoreceptors of the vomiting trigger zone and are associated with several organs, mainly the digestive system. Serotonin, which, in some situations, can be released from enterochromaffin cells in the small intestine, can stimulate both the afferent vagal nerves through 5-HT₃ receptors and the gag reflex. The peripheral and central blockage of 5-HT₃ receptors and the blockage of dopamine-releasing cell activation in the nucleus accumbens (through the 5-HT₃ receptor antagonism) possibly account for ondansetron antiemetic effect.

Indications: Vonau® Vet is recommended for the prevention of vomiting in dogs.

Dosage

The product should only be administered orally. The recommended dose is 0.5-1.0 mg/kg every 12 hours for 5 days, according to the table below:

Animal weight in kg	Vonau® Vet 5 mg/mL Dose of 0.5 mg/kg (volume in mL)	Vonau® Vet 5 mg/mL Dose of 1.0 mg/kg (volume in mL)
2.5	0.25	0.5
5.0	0.5	1.0
7.5	0.75	1.5
10.0	1.0	2.0
15.0	1.5	3.0
20.0	2.0	4.0
25.0	2.5	5.0
30.0	3.0	6.0

According to a study conducted in dogs, Vonau® Vet showed to be 100% effective in the prophylaxis of vomiting, when used at the 1.0 mg/kg dose and in the reduction of 91% of vomiting episodes, at the 0.5 mg/kg dose.

Contraindications

The product should not be given to dogs with hypersensitivity to ondansetron or to any component of the formula. The lowest dose (0.5 mg/kg) is recommended for dogs with liver failure, as the drug half-life may be prolonged.

Drug interactions

There is evidence of clinically significant interactions between tramadol and ondansetron, since the efficacy of both agents is minimized in the presence of each other. Tramadol is a centrally acting and serotonin concentration-dependent analgesic agent and ondansetron is a selective serotonin 5-HT₃ receptor antagonist. The concomitant administration of these drugs can result in the reduction of both the analgesic and antiemetic efficacy of tramadol and ondansetron, respectively. The P-450 isoenzyme is involved in the metabolism of tramadol and ondansetron. The competition for this metabolic pathway may result in the reduction of O-desmethytramadol (M1) metabolite formation and, consequently, in the analgesic efficacy. Therefore, it is recommended to avoid the concomitant administration of these two drugs.

Side effects

Ondansetron is well tolerated. Based on the safety study conducted, **Vonau® Vet** showed to be safe for dogs when used at the recommended doses.

Precautions

Ondansetron is a potential neurotoxic substrate for P-glycoprotein. Therefore, it should be used with caution in herding dogs, such as collie, Shetland shepherd and Australian shepherd, as these breeds can undergo genetic mutation expressing non-functional proteins. The safety of **Vonau® Vet** was not investigated in pregnant or lactating female dogs, nor in those used for breeding, with gastrointestinal obstruction, in those which have ingested toxins, or under 1 year of age.

Poisoning and overdose

In cases of poisoning or overdose, seek medical attention of a Veterinary doctor for supportive treatment and evaluation. Reactions, such as emesis and soft stools, were reported in dogs receiving 3 to 5 times the maximum recommended therapeutic dose.

Warnings

Veterinary products must be kept out of the reach of children and pets. They should not be stored near food, drinks or personal hygiene products. The product is not indicated for dogs under 1 year of age, pregnant or lactating female dogs, as safety studies were not conducted in these groups. Reactions such as emesis and soft stools were reported in animals receiving 3 to 5 times the maximum recommended therapeutic dose.

Presentation

Paper cartridge containing one 5 mL vial (FREE SAMPLE).

Paper cartridge containing one plastic vial with 30 mL.

Includes stopper and 3 mL dosing syringe. **Vonau® Vet** is a colorless, slightly yellowish solution with a characteristic mint odor.

Storage recommendations

Keep it in a dry place, at room temperature (15°C to 30°C) away from direct sunlight and out of the reach of children and pets. In case of accidental ingestion, seek medical attention and take the product package with you. Once opened, it is valid for 3 months.

Lot, manufacturing and expiration date: see packaging.

SALE UNDER A VETERINARY DOCTOR PRESCRIPTION AND APPLICATION.

Product registered with the Ministry of Agriculture, Livestock and Supply under no SP 001692-6 on 7/31/2021.

Owner and manufacturer:

Biolab Sanus Farmacêutica Ltda. – Av. Francisco Samuel Lucchesi Filho, 1039

Bragança Paulista (SP) – CEP: 12929-600

CNPJ: 49.475.833/0018-46 - SAC: 0800 941 5566

Responsible technician: Daniela Ziolkowski, CRF-SP 29.486.

Expiry date: 24 months after the manufacturing date.

Once opened, it is valid for 3 months.

The logo for Avert, featuring the word "Avert" in a bold, black, sans-serif font.