

## 1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Vivitonin 50 mg film-coated tablets for dogs

## 2. QUALITATIVE AND QUANTITATIVE COMPOSITION

### Active substance:

Propentofylline 50 mg

### Excipients:

Qualitative composition of excipients and other constituents
<b>Tablet core:</b>
Lactose monohydrate
Maize starch
Crospovidone
Talc
Silica colloidal anhydrous
Magnesium stearate
<b>Film coat:</b>
Hypromellose
Macrogol 8000
Talc
Titanium dioxide (E171)
Iron oxide yellow (E172)

Orange yellow round tablets, quarter scored on one side, with 'K50' embossed on the other side of the tablets.

## 3. CLINICAL INFORMATION

### 3.1 Target species

Dogs.

### 3.2 Indications for use for each target species

For the improvement of peripheral and cerebral vascular blood circulation in dogs.

### 3.3 Contraindications

None.

### 3.4 Special warnings

None.

### 3.5 Special precautions for use

#### Special precautions for safe use in the target species:

In the case of specific diseases (e.g. kidney disease), appropriate treatment should be administered. Consideration should be given to rationalising the medication of dogs already receiving treatment for congestive heart disease or bronchial disease.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

Not applicable.

Special precautions for the protection of the environment:

Not applicable.

### 3.6 Adverse events

Rare (1 to 10 animals / 10,000 animals treated):	Tachycardia <sup>1</sup> ; Collapse <sup>2</sup> ; Allergic reaction (e.g. Urticaria) <sup>3</sup> ; Vomiting <sup>4</sup>
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<sup>1</sup> Symptom of cardiac over-stimulation. In such cases, animals should be treated symptomatically.

<sup>2</sup> Symptom of cerebral over-stimulation. In such cases, animals should be treated symptomatically.

<sup>3</sup> Necessitate discontinuation of treatment.

<sup>4</sup> Particularly at the commencement of therapy.

Reporting adverse events is important. It allows continuous safety monitoring of a veterinary medicinal product. Reports should be sent, preferably via a veterinarian, to either the marketing authorisation holder or the national competent authority via the national reporting system. See the package leaflet for respective contact details.

### 3.7 Use during pregnancy, lactation or lay

Pregnancy and lactation:

The safety of the veterinary medicinal product has not been established during pregnancy and lactation. Use only according to the benefit-risk assessment by the responsible veterinarian.

### 3.8 Interaction with other medicinal products and other forms of interaction

None known.

### 3.9 Administration routes and dosage

For oral use only.

Dose: 6 – 10 mg propentofylline/kg body weight, divided into two daily doses as follows:

Body weight (kg)	Tablets (am)	Tablets (pm)	Daily total tablets	Daily total dose (mg/kg)
< 5 kg	1/4	1/4	1/2	6.3 – 10.0
5 – 8 kg	1/2	1/2	1	6.3 – 10.0
9 – 15 kg	1	1	2	6.7 – 11.1
16 – 25 kg	1 1/2	1 1/2	3	6.0 – 9.4
26 – 33 kg	2	2	4	6.1 – 7.7
34 – 50 kg	3	3	6	6.0 – 8.8

The tablet(s) can be administered directly onto the back of the dog's tongue or can be mixed in a small amount of food.

### **3.10 Symptoms of overdose (and where applicable, emergency procedures and antidotes)**

No effects other than those described in section 3.6.

In cases of overdose, animals should be treated symptomatically.

### **3.11 Special restrictions for use and special conditions for use, including restrictions on the use of antimicrobial and antiparasitic veterinary medicinal products in order to limit the risk of development of resistance.**

Not applicable.

### **3.12 Withdrawal periods**

Not applicable.

## **4. PHARMACOLOGICAL INFORMATION**

### **4.1 ATCvet code:** QC04AD90

### **4.2 Pharmacodynamics**

Propentofylline belongs to the group of xanthine derivatives. In investigations in various animal species it could be demonstrated that propentofylline increases the blood flow to the brain, the heart and skeletal muscle. It inhibits platelet aggregation and improves the flow properties of erythrocytes.

### **4.3 Pharmacokinetics**

After oral application propentofylline is quickly and completely absorbed and quickly distributed in the tissues. Given orally to dogs maximum plasma levels are reached within 15 minutes.

The half-life is about 30 minutes and the bioavailability of the parent substance amounts to about 30 %. There are a number of effective metabolites and the biotransformation takes place mainly in the liver. 80 – 90 % of an administered dose is excreted as propentofylline metabolites via the kidneys. The rest is eliminated with the faeces. There is no accumulation.

## **5. PHARMACEUTICAL PARTICULARS**

### **5.1 Major incompatibilities**

Not applicable.

### **5.2 Shelf life**

Shelf-life of the veterinary medicinal product as packaged for sale: 3 years.

### **5.3 Special precautions for storage**

Do not store above 25 °C. Store in a dry place.

### **5.4 Nature and composition of immediate packaging**

Blister package: PVC 250µm/Aluminium foil 20µm.  
Cardboard box with 2 blister strips of 30 tablets.  
Not all pack sizes may be marketed.

**5.5 Special precautions for the disposal of unused veterinary medicinal products or waste materials derived from the use of such products**

Medicines should not be disposed of via wastewater or household waste.

Use take-back schemes for the disposal of any unused veterinary medicinal product or waste materials derived thereof in accordance with local requirements and with any national collection systems applicable to the veterinary medicinal product concerned.

**6. NAME OF THE MARKETING AUTHORISATION HOLDER**

Intervet Ireland Limited

**7. MARKETING AUTHORISATION NUMBER(S)**

VPA10996/127/001

**8. DATE OF FIRST AUTHORISATION**

29/10/1999

**9. DATE OF THE LAST REVISION OF THE SUMMARY OF THE PRODUCT CHARACTERISTICS**

06/02/2025

**10. CLASSIFICATION OF VETERINARY MEDICINAL PRODUCTS**

Veterinary medicinal product subject to prescription.

Detailed information on this veterinary medicinal product is available in the [Union Product Database \(https://medicines.health.europa.eu/veterinary\)](https://medicines.health.europa.eu/veterinary).