

## **URIPROPAMINE- phenylpropanolamine hydrochloride tablet, chewable MWI ( VetOne)**

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### **UriPropamine™ (phenylpropanolamine hydrochloride) Chewable Tablets**

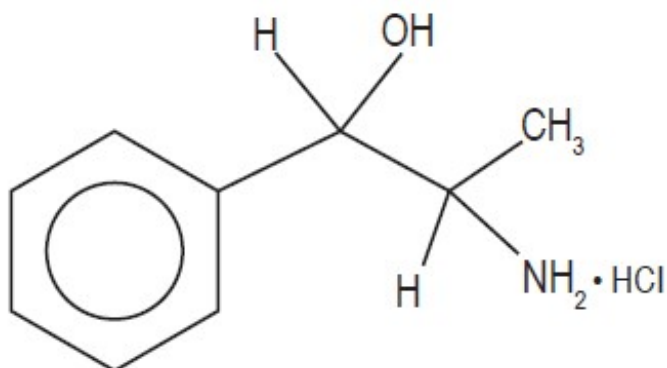
**For oral use in dogs only**

#### **CAUTION:**

Federal law restricts this drug to use by or on the order of a licensed veterinarian.

#### **Description:**

UriPropamine (phenylpropanolamine hydrochloride) is a sympathomimetic amine closely related to ephedrine. Phenylpropanolamine hydrochloride (PPA) is the nonproprietary designation for benzenemethanol,  $\alpha$ -(1-aminoethyl)-, hydrochloride, (R\*, S\*)-, ( $\pm$ ). The empirical formula is  $C_9H_{13}NO \cdot HCl$  and the molecular weight is 187.67. It is a white crystalline compound having a slight aromatic odor. PPA is freely soluble in water and alcohol but is practically insoluble in ether, benzene and chloroform. The chemical structure of phenylpropanolamine hydrochloride is:



#### **Indication:**

UriPropamine is indicated for the control of urinary incontinence due to urethral sphincter hypotonus in dogs.

#### **Dosage and Administration:**

The total recommended dosage for oral administration is 2 mg/kg (0.91 mg/lb) of body weight twice daily. UriPropamine is scored and dosage should be calculated in half-tablet increments.

## Warnings:

Not for human use. Keep out of reach of children. Consult a physician in case of accidental ingestion by humans.

## Precautions:

UriPropamine may cause increased thirst; therefore, provide ample fresh water.

Overdose has been associated with dogs chewing through closed bottles of UriPropamine and consuming multiple tablets. Therefore, it is important to store UriPropamine Chewable Tablets out of reach of dogs and other pets in a secured location.

Use in dogs with incontinence due to a urinary tract infection will mask symptoms. UriPropamine is not effective in dogs with incontinence due to neurologic disease or malformations.

UriPropamine may cause hypertension; therefore, use with caution in dogs with pre-existing heart disease, hypertension, liver disease, kidney insufficiency, diabetes, glaucoma, and conditions with a predilection for hypertension. Use with caution in dogs receiving sympathomimetic drugs, tricyclic antidepressants, or monoamine oxidase inhibitors as increased toxicity may result. Use with caution in dogs administered halogenated gaseous anesthetics as this may increase the risk of cardiac arrhythmias.

A laboratory study on human blood revealed that PPA used in conjunction with aspirin may potentiate decreased platelet aggregation.<sup>1</sup>

The safe use of UriPropamine in dogs used for breeding purposes, during pregnancy or in lactating bitches, has not been evaluated.

## Adverse Reactions "Pre Approval Experience":

A placebo-controlled clinical study involving 123 phenylpropanolamine hydrochloride-treated dogs and 61 placebo-treated dogs was conducted for 28 days. The most common adverse reactions are shown in Table 1 below. In addition, one dog exhibited disorientation, nervousness, a 7.7% loss of body weight, and hypertension with proteinuria. A second dog exhibited restless behavior, lethargy, a 2.8% body weight loss, and proteinuria.

**Table 1: Number and percentage of dogs with adverse reactions in the 28-day placebo-controlled clinical study**

Adverse reactions	Phenylpropanolamine hydrochloride-treated (N=123)	Placebo-treated (N=61)
Emesis	20.3%	8.2%
Hypertension ( $\geq 160$ mmHg) <sup>1</sup>	19.5%	14.7%
Anorexia	16.3%	3.3%
Body weight loss ( $>5\%$ ) <sup>2</sup>	16.1%	6.8%

Proteinuria	13.0%	8.2%
Anxiety/aggression/behaviour change	9.7%	3.2%
Diarrhea	7.3%	9.8%
Polydipsia	6.5%	9.8%
Lethargy	5.7%	1.6%
Musculoskeletal Disorder	3.2%	1.6%
Insomnia/sleep disorder	2.5%	0.0%

<sup>1</sup>One or more systolic blood pressure readings of  $\geq 160$  mmHg

<sup>2</sup>The "N" for weight loss is phenylpropanolamine hydrochloride-treated N=118 and placebo N=59 because seven dogs did not have a final weight at the time of withdrawal from the study.

One-hundred fifty seven dogs continued into the 6-month open-label clinical study. The most common adverse reactions are listed in Table 2 below. In addition, one dog exhibited progressively worsening hypertension with proteinuria. Five dogs enrolled in the study with pre-existing heart disease. Of these, one dog developed systolic failure with an unknown relation to treatment.

**Table 2: Number and percentage of dogs with adverse reactions in the 6-month open-label clinical study**

<b>Adverse reactions</b>	<b>Total N=125</b>
Hypertension ( $\geq 160$ mmHg) <sup>1</sup>	34.6%
Body weight loss ( $\geq 5\%$ )	24.8%
Emesis	19.7%
Proteinuria	15.3%
Anorexia	10.2%
Diarrhea	6.4%
Lethargy	5.7%
Anxiety/behaviour change/aggression	5.7%

<sup>1</sup>Percent of dogs with systolic blood pressures of  $\geq 160$  mmHg on day -7 were 30.2% and on day 0 were 33.3%.

### **POST APPROVAL EXPERIENCE (2015):**

The following adverse events are based on voluntary, post approval reporting. Not all adverse events are reported to FDA/CVM. It is not always possible to reliably estimate the adverse event frequency or establish a causal relationship to product exposure using these data. The signs reported are listed in decreasing order of reporting frequency by body system:

Gastrointestinal: Vomiting, anorexia, diarrhea, hypersalivation,

Behavioral: Agitation, lethargy, vocalization, confusion,

General body system: Polydipsia, weight loss, weakness, fever,

Respiratory: Panting,

Dermatological: Erythema, piloerection,

Hepatic: Elevated serum alanine amino transferase (ALT), elevated serum alkaline phosphatase (ALP),

Neurologic: Ataxia, seizures, tremors,

Renal/Urinary: Renal failure, hematuria, urinary retention,

Cardiovascular: Tachycardia, hypertension, bradycardia, arrhythmias,

Sensory: Ophthalmic disorders, mydriasis and eye redness.

In some cases, death, including euthanasia, has been reported. Sudden death was sometimes preceded by neurologic signs, vocalization, or collapse. A necropsy of one dog revealed subarachnoidal and intraventricular hemorrhage in the brain.

The following signs have been reported more often with a dose higher than the recommended dosage: agitation, arrhythmia, bradycardia, erythema, fever, hypersalivation, hypertension, lethargy, mydriasis, panting, piloerection, tachycardia, tremor, and urinary retention.

### **Contact Information:**

To report suspected adverse drug events, for technical assistance or to obtain a copy of the Safety Data Sheet, contact ZyVet Animal Health Inc. at 1-877-779-9838. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or <http://www.fda.gov/reportanimalae>

### **Information for Owner or Person Treating Animal:**

Always follow the dosage instructions for UriPropamine provided by your veterinarian. Monitor your dog after giving UriPropamine to be sure all of it was consumed. If you have difficulty giving UriPropamine, contact your veterinarian.

It may take several days of treatment with UriPropamine before urinary incontinence improves. If you miss a dose, give it as soon as you remember. If it is close to the time for the next dose, skip the dose you missed and go back to the regular dosing schedule. Do not give two doses at once. UriPropamine should only be given to the dog for which it was prescribed. Because UriPropamine is flavored, store in a secure area.

Dogs may willingly consume more than the recommended dosage of UriPropamine Chewable Tablets. Instances of dogs chewing through closed bottles of UriPropamine and eating the bottles contents have been reported. Keep the product in a secured storage area out of the reach of pets in order to prevent accidental ingestion or overdose. Contact your veterinarian immediately if the dog ingests more tablets than prescribed or if other pets ingest UriPropamine Chewable Tablets. In the case of accidental ingestion by humans, contact a physician immediately. Contact your veterinarian if you notice restlessness or irritability, loss of appetite, the incontinence persists or worsens, or any other unusual signs.

Consult your veterinarian before using UriPropamine with any other medications.

### **Clinical Pharmacology:**

Phenylpropanolamine is a chemical analogue of the endogenous sympathomimetic amines. It is an  $\alpha$ -adrenergic agent which has been reported to increase urethral tone in dogs.<sup>2</sup> Its mechanism of action is not well determined, but it is believed to cause the release of norepinephrine by indirectly stimulating both the alpha and beta-adrenergic receptors of the smooth muscle to increase smooth muscle tone of the urethra, bladder neck, and the internal urethral sphincter.<sup>3,4</sup>

The pharmacokinetics of phenylpropanolamine in dogs has not been well studied. In humans, phenylpropanolamine is readily absorbed after oral administration of solid dosage forms and has an onset of action of approximately 15-30 minutes and duration of effect of about three hours. In a published study in dogs, phenylpropanolamine disposition was characterized in three dogs administered phenylpropanolamine intravenously and orally in immediate-release and controlled-release formulations.<sup>5</sup> The terminal elimination half-life averaged  $3.5 \pm 0.5$  hours after the intravenous dose. Oral absorption from the immediate-release capsule was rapid and bioavailability was  $98.2 \pm 6.9$  percent. Absorption of phenylpropanolamine from the controlled-release dosage form was biphasic; an initial rapid phase was followed by a second, slower absorption phase which continued over 16 hours. Plasma concentrations then declined with a half-life roughly parallel to the intravenous and oral immediate-release half-lives. Oral bioavailability from the controlled-release tablet was  $93.7 \pm 5.9$  percent.

### **Effectiveness:**

A 28-day placebo-controlled clinical study was conducted in 21 study sites across the U.S. The study included 184 dogs with urinary incontinence due to sphincter hypotonus of which 127 dogs (100 female, 27 male) were evaluated for effectiveness. Dogs were randomly assigned either to receive 2 mg/kg phenylpropanolamine hydrochloride (123 dogs) or placebo (61 dogs) administered orally twice daily for 28 days. Phenylpropanolamine hydrochloride was effective in controlling urinary incontinence based on a decrease in urinary accidents per week. Changes to hematology and serum chemistry were not considered clinically significant or related to treatment.

**Table 3: Mean urinary accidents per week by treatment group, females**

<b>Week</b>	<b>Mean Urinary Accidents (phenylpropanolamine hydrochloride-treated, N=66)</b>	<b>Mean Urinary Accidents (Placebo, N=34)</b>
Pretreatment	9.0	7.8
1	3.9	4.8
2	2.5	4.1
3	1.5	3.1
4	1.6	2.8

One-hundred fifty seven dogs continued into the 6-month open-label clinical study conducted in 21 study sites across the U.S. All the dogs had participated in the 28-day

placebo-controlled clinical study and had urinary incontinence due to sphincter hypotonus. Dogs were administered 2 mg/kg phenylpropanolamine hydrochloride orally twice daily for 180 days. Phenylpropanolamine hydrochloride was effective for the control of urinary incontinence for 180 days based on 98.1% owner satisfaction. The dogs averaged just over one accident per dog per week. Changes in hematology and serum chemistry were not considered clinically significant or related to treatment.

### **Animal Safety Studies:**

In a target animal safety study, phenylpropanolamine hydrochloride was administered to 32 healthy male and female Beagle dogs at 0, 2, 6 and 10 mg/kg of body weight (0, 1, 3 and 5 times the recommended dose; 8 dogs per group) twice daily for 26 consecutive weeks. The most pronounced finding was a dose-dependent increase in blood pressure. Mean systolic blood pressure was increased in all PPA-treated groups compared to the control, but mean values for all 4 groups were within the normal range. Mean diastolic and mean MAP (mean arterial pressure) were higher in the 3X and 5X groups, and in the 1X males. Dogs in the 3X and 5X groups had more individual systolic, diastolic, and MAP values above the normal range than the control group dogs. A dose-dependent decrease in heart rate was observed in the 3X and 5X dogs. In the 0, 1, 3, and 5X groups, 5%, 34%, 44%, and 40% of the total number of heart rates obtained from electrocardiograms for each group over the course of the study were below the normal range (70-120 beats per minute), with the lowest value being 51 bpm in 4 of the 1X group dogs. One dog in each of the 1X and 5X groups had an elevated heart rate between 150-180 beats per minute on at least 2 of the 13 physical exams. One dog in each of the 1X and 3X groups developed gallop heart sounds after treatment began that were noted in 12 of 13 and 6 of 13 physical exams respectively. Dogs in the PPA-treated groups exhibited anxious/restless behavior more frequently than the control group. One dog each in the 1X and 3X groups were responsible for the majority of the observations. A decline in mean body weight and body condition was observed in females in all 4 groups, including the control. One female in the 1X group lost 33% body weight. Vomiting and loose stool occurred in a dose-related fashion, and most of the vomiting episodes took place within 1 hour of dosing. Mean platelet counts were higher in at least one of the PPA-treated groups, with individual values up to 1.4X the upper limit of normal (ULN) in the 3X and 5X groups. The 3X and 5X groups had higher mean serum ALT values compared to the control. Mean ALT was within the normal range for all 4 groups. There were more dogs with ALT levels above the normal range in the 3 PPA - treated groups compared to the control, but increased values were transient and less than 1.8X ULN. All dogs had ALT values in the normal range at the conclusion of the study.

In a separate tolerance study, 6 healthy female Beagle dogs were administered phenylpropanolamine hydrochloride at 20 mg/kg body weight (10 times the recommended dose) twice daily for 21 consecutive days. Mean systolic blood pressure was increased in the 10X group compared to the control, but mean values were within the normal range for both groups. Mean diastolic pressures were above the normal range on days 7 and 21 for the 10X group, and day 14 for the control. The 10X dogs had hypertensive mean MAP values on days 7 and 21, whereas the control dog mean MAP values were in the normal range. There was a trend in 10X dogs for lower heart rates following initiation of PPA treatment. Four of 6 dogs in the 10X group had heart rates below the normal range on day 7, whereas none of the control dogs did. The 10X

group dogs had increased hematocrit, hemoglobin, RBC counts, urine specific gravity, and water intake consistent with transient, sub-clinical dehydration that occurred shortly after PPA treatment was started. All 6 dogs in the 10X group vomited at least once during the treatment period, whereas only 1 of the control dogs did. Most of the vomiting episodes took place within 1 hour of dosing. Mean platelet counts were also higher in 10X dogs on all 3 exam days; mean values were above the normal range on day 7, with individual values up to 1.5X ULN. The 10X group had a higher mean serum ALT value on day 7 than the control. Mean ALT values for both groups were in the normal range on all 3 exam days, but 2 dogs in the 10X group had ALT values up to 1.4X ULN on day 7; these elevated values were transient, and all dogs had normal ALT values on days 14 and 21.

For either study, there was no evidence of chronic hypertension-induced target organ damage; there were no clinical findings attributable to PPA on the ophthalmic exams, electrocardiogram evaluation, or gross necropsy and histopathology.

### **Storage:**

Store at controlled room temperature 20-25°C (68-77°F), excursions permitted between 15-40°C (59-104°F)

### **How Supplied:**

UriPropamine is scored and contains 25, 50 or 75 mg phenylpropanolamine hydrochloride per tablet. UriPropamine is packaged in bottles containing 60 or 180 tablets.

### **References:**

<sup>1</sup>Watson R, et. al. Ephedra alkaloids inhibit platelet aggregation. *Blood Coagulation and Fibrinolysis*. 2010, 21: 266-271.

<sup>2</sup>Richter K. P., Ling G.V. Clinical response and urethral pressure profile changes after phenylpropanolamine in dogs with primary sphincter incompetence. *JAVMA*, Vol. 187, No 6, September 15, 1985. 605-611.

<sup>3</sup>Scott, L., Leddy M., and Bernay F. Evaluation of phenylpropanolamine in the treatment of urethral sphincter mechanism incompetence in the bitch. *J. Small Animal Pract.* 2002; 43 (11): 493-6.

<sup>4</sup>Noel, S., et. al. Combined pharmacokinetic and urodynamic study of the effects of oral administration of phenylpropanolamine in female Beagle dogs. *Vet Journal*, 2010; 184 (2): 201-207.

<sup>5</sup>Hussain, M.A., Aungst, B.J., Lam, G., and Shefter, E. Phenylpropanolamine pharmacokinetics in dogs after intravenous, oral, and oral controlled-release doses. *Biopharm Drug Dispos*, Vol. 8, No. 5, September-October 1987, 497-505.

Approved by FDA under ANADA # 200-787

**Manufactured by:**

Zydus Animal Health and Investments Limited, Ahmedabad, India

GUJ/DRUGS/G/25/2354

**Distributed by:** MWI

Boise, ID 83705

www.VetOne.net

**PRINCIPAL DISPLAY PANEL - 25 mg Tablet x 60 Count Bottle**

**NDC** 86136-127-36

**VETone**

**UriPropamine™**

**(phenylpropanolamine hydrochloride)**

**Chewable Tablets**

25 mg per tablet

***For oral use in dogs only***

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**60 Tablets**





NDC 86136-127-36



**UriPropamine™**  
**(phenylpropanolamine hydrochloride)**  
**Chewable Tablets**

**25 mg per tablet**

*For oral use in dogs only*

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**60 Tablets**

**V1 501162**

**Warnings:** Keep out of reach of children. Not for human use. Consult a physician in case of accidental ingestion by humans. For use in dogs only.

**Precautions:** Store UriPropamine Chewable Tablets out of reach of dogs and other pets in a secured location. Instances of dogs chewing through closed bottles of UriPropamine and eating the bottles contents have been reported. If accidental exposure occurs, consult a veterinarian and notify ZyVet Animal Health Inc. at 1-877-779-9838. See Product Insert for complete information.

**Storage:** Store at controlled room temperature 20-25°C (68-77°F), excursions permitted between 15-40°C (59-104°F).

Each scored tablet contains 25 mg phenylpropanolamine hydrochloride.

**Indications:** UriPropamine is indicated for the control of urinary incontinence due to urethral sphincter hypotonus in dogs.

**Dosage:** The total recommended dosage for oral administration is 2 mg/kg (0.91 mg/lb) of body weight twice daily. Tablets are scored and dosage should be calculated in half-tablet increments.

**Manufactured by:** Zydus Animal Health and Investments Limited, Ahmedabad, India

**Distributed by:** MWI Boise, ID 83705, [www.VetOne.net](http://www.VetOne.net)

Lot:

Exp:

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GU/DFUGS/G/25/2354

Iss. 05/25



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**PRINCIPAL DISPLAY PANEL - 25 mg Tablet x 180 Count Bottle**

**NDC 86136-127-65**

**VETone**

**UriPropamine™**

**(phenylpropanolamine hydrochloride)**

**Chewable Tablets**

**25 mg per tablet**

***For oral use in dogs only***

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**180 Tablets**



## PRINCIPAL DISPLAY PANEL - 50 mg Tablet x 60 Count Bottle

NDC 86136-128-36

**VETone**

**UriPropamine™**

**(phenylpropanolamine hydrochloride)**

**Chewable Tablets**

50 mg per tablet

***For oral use in dogs only***

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**60 Tablets**

Each scored tablet contains 50 mg phenylpropanolamine hydrochloride.

**Indications:** UriPropamine is indicated for the control of urinary incontinence due to urethral sphincter hypotonus in dogs.

**Dosage:** The total recommended dosage for oral administration is 2 mg/kg (0.91 mg/lb) of body weight twice daily. Tablets are scored and dosage should be calculated in half-tablet increments.

**Manufactured by:** Zydus Animal Health and Investments Limited, Ahmedabad, India

**Distributed by:** MWI Boise, ID 83705, [www.VetOne.net](http://www.VetOne.net)

Lot: \_\_\_\_\_

Exp: \_\_\_\_\_

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NDC 86136-128-36

**VETone**

**UriPropamine™**  
(phenylpropanolamine hydrochloride)  
**Chewable Tablets**

**50 mg per tablet**

*For oral use in dogs only*

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**60 Tablets** **V1 501164**

**Warnings:** Keep out of reach of children. Not for human use. Consult a physician in case of accidental ingestion by humans. For use in dogs only.

**Precautions:** Store UriPropamine Chewable Tablets out of reach of dogs and other pets in a secured location. Instances of dogs chewing through closed bottles of UriPropamine and eating the bottles contents have been reported. If accidental exposure occurs, consult a veterinarian and notify ZyVet Animal Health Inc. at 1-877-779-9838. See Product Insert for complete information.

**Storage:** Store at controlled room temperature 20-25°C (68-77°F), excursions permitted between 15-40°C (59-104°F).

**PRINCIPAL DISPLAY PANEL - 50 mg Tablet x 180 Count Bottle**

**NDC 86136-128-65**

**VETone**

**UriPropamine™**

**(phenylpropanolamine hydrochloride)**

**Chewable Tablets**

50 mg per tablet

*For oral use in dogs only*

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**180 Tablets**

Each scored tablet contains 50 mg phenylpropanolamine hydrochloride.

**Indications:** UriPropamine is indicated for the control of urinary incontinence due to urethral sphincter hypotonus in dogs.

**Dosage:** The total recommended dosage for oral administration is 2 mg/kg (0.91 mg/lb) of body weight twice daily. Tablets are scored and dosage should be calculated in half-tablet increments.

**Manufactured by:** Zydus Animal Health and Investments Limited, Ahmedabad, India

**Distributed by:** MWI Boise, ID 83705, www.VetOne.net

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Iss: 05/25

**NDC 86136-128-65**

**VETone**  
**UriPropamine™**  
(phenylpropanolamine hydrochloride)  
**Chewable Tablets**

**50 mg per tablet**

**For oral use in dogs only**

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**180 Tablets**      **V1 501165**

**Warnings:** Keep out of reach of children. Not for human use. Consult a physician in case of accidental ingestion by humans. For use in dogs only.

**Precautions:** Store UriPropamine Chewable Tablets out of reach of dogs and other pets in a secured location. Instances of dogs chewing through closed bottles of UriPropamine and eating the bottles contents have been reported. If accidental exposure occurs, consult a veterinarian and notify ZyVet Animal Health Inc. at 1-877-779-9838. See Product Insert for complete information.

**Storage:** Store at controlled room temperature 20-25°C (68-77°F), excursions permitted between 15-40°C (59-104°F).

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Lot:

Exp:

## PRINCIPAL DISPLAY PANEL - 75 mg Tablet x 60 Count Bottle

**NDC 86136-129-36**

**VETone**

**UriPropamine™**

**(phenylpropanolamine hydrochloride)**

**Chewable Tablets**

75 mg per tablet

**For oral use in dogs only**

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**60 Tablets**

Each scored tablet contains 75 mg phenylpropanolamine hydrochloride.

**Indications:** UriPropamine is indicated for the control of urinary incontinence due to urethral sphincter hypotonus in dogs.

**Dosage:** The total recommended dosage for oral administration is 2 mg/kg (0.91 mg/lb) of body weight twice daily. Tablets are scored and dosage should be calculated in half-tablet increments.

**Manufactured by:** Zydus Animal Health and Investments Limited, Ahmedabad, India

**Distributed by:** MWI Boise, ID 83705, [www.VetOne.net](http://www.VetOne.net)

Lot: \_\_\_\_\_

Exp: \_\_\_\_\_

NDC 86136-129-36

VETone  
UriPropamine™  
(phenylpropanolamine hydrochloride)  
Chewable Tablets

75 mg per tablet

*For oral use in dogs only*

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

60 Tablets V1 501166

**Warnings:** Keep out of reach of children. Not for human use. Consult a physician in case of accidental ingestion by humans. For use in dogs only.

**Precautions:** Store UriPropamine Chewable Tablets out of reach of dogs and other pets in a secured location. Instances of dogs chewing through closed bottles of UriPropamine and eating the bottles contents have been reported. If accidental exposure occurs, consult a veterinarian and notify ZyVet Animal Health Inc. at 1-877-779-9838. See Product Insert for complete information.

**Storage:** Store at controlled room temperature 20-25°C (68-77°F), excursions permitted between 15-40°C (59-104°F).

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Iss: 05/25

107 mm (4.2)

107 mm (4.2)

## PRINCIPAL DISPLAY PANEL - 75 mg Tablet x 180 Count Bottle

NDC 86136-129-65

**VETone**

**UriPropamine™**

**(phenylpropanolamine hydrochloride)**

**Chewable Tablets**

75 mg per tablet

***For oral use in dogs only***

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**180 Tablets**

Each scored tablet contains 75 mg phenylpropanolamine hydrochloride.

**Indications:** UriPropamine is indicated for the control of urinary incontinence due to urethral sphincter hypotonus in dogs.

**Dosage:** The total recommended dosage for oral administration is 2 mg/kg (0.91 mg/lb) of body weight twice daily. Tablets are scored and dosage should be calculated in half-tablet increments.

**Manufactured by:** Zydus Animal Health and Investments Limited, Ahmedabad, India

**Distributed by:** MWI Boise, ID 83705, www.VetOne.net

Lot:

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GUDRUS/6/25/2354  
Iss. 05/25

**NDC 86136-129-65**

**VETone**  
**UriPropamine™**  
(phenylpropanolamine hydrochloride)  
**Chewable Tablets**

**75 mg per tablet**

*For oral use in dogs only*

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Sympathomimetic amine drug

Approved by FDA under ANADA # 200-787

**180 Tablets**      **V1 501167**

**Warnings:** Keep out of reach of children. Not for human use. Consult a physician in case of accidental ingestion by humans. For use in dogs only.

**Precautions:** Store UriPropamine Chewable Tablets out of reach of dogs and other pets in a secured location. Instances of dogs chewing through closed bottles of UriPropamine and eating the bottles contents have been reported. If accidental exposure occurs, consult a veterinarian and notify ZyVet Animal Health Inc. at 1-877-779-9838. See Product Insert for complete information.

**Storage:** Store at controlled room temperature 20-25°C (68-77°F), excursions permitted between 15-40°C (59-104°F).

118 mm (L)

## URIPROPAMINE

phenylpropanolamine hydrochloride tablet, chewable

### Product Information

<b>Product Type</b>	PRESCRIPTION ANIMAL DRUG	<b>Item Code (Source)</b>	NDC:86136-127
<b>Route of Administration</b>	ORAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>PHENYLPROPANOLAMINE HYDROCHLORIDE</b> (UNII: 8D5I63UE1Q) (PHENYLPROPANOLAMINE - UNII:33RU150WUN)	PHENYLPROPANOLAMINE HYDROCHLORIDE	25 mg

### Product Characteristics

<b>Color</b>	BROWN	<b>Score</b>	2 pieces
<b>Shape</b>	ROUND	<b>Size</b>	16mm
<b>Flavor</b>	CHICKEN	<b>Imprint Code</b>	25;U
<b>Contains</b>			

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:86136-127-36	60 in 1 BOTTLE		
2	NDC:86136-127-65	180 in 1 BOTTLE		

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANADA	ANADA200787	10/01/2025	

## URIPROPAMINE

phenylpropanolamine hydrochloride tablet, chewable

### Product Information

Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:86136-128
Route of Administration	ORAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
PHENYLPROPANOLAMINE HYDROCHLORIDE (UNII: 8D5I63UE1Q) (PHENYLPROPANOLAMINE - UNII:33RU150WUN)	PHENYLPROPANOLAMINE HYDROCHLORIDE	50 mg

### Product Characteristics

Color	BROWN	Score	2 pieces
Shape	ROUND	Size	16mm
Flavor	CHICKEN	Imprint Code	24;U
Contains			

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:86136-128-36	60 in 1 BOTTLE		
2	NDC:86136-128-65	180 in 1 BOTTLE		

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANADA	ANADA200787	10/01/2025	

## URIPROPAMINE

phenylpropanolamine hydrochloride tablet, chewable

### Product Information

Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:86136-129
Route of Administration	ORAL		

**Active Ingredient/Active Moiety**

Ingredient Name	Basis of Strength	Strength
<b>PHENYLPROPANOLAMINE HYDROCHLORIDE</b> (UNII: 8D5I63UE1Q) (PHENYLPROPANOLAMINE - UNII:33RU150WUN)	PHENYLPROPANOLAMINE HYDROCHLORIDE	75 mg

**Product Characteristics**

<b>Color</b>	BROWN	<b>Score</b>	2 pieces
<b>Shape</b>	ROUND	<b>Size</b>	16mm
<b>Flavor</b>	CHICKEN	<b>Imprint Code</b>	23;U
<b>Contains</b>			

**Packaging**

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:86136-129-36	60 in 1 BOTTLE		
2	NDC:86136-129-65	180 in 1 BOTTLE		

**Marketing Information**

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANADA	ANADA200787	10/01/2025	

**Labeler** - MWI ( VetOne) (019926120)**Registrant** - ZYVET ANIMAL HEALTH INC. (117047560)

Revised: 9/2025

MWI ( VetOne)