GALLIPRANT- grapiprant tablet Elanco US Inc.

Galliprant®

(grapiprant tablets)

For oral use in dogs only

20 mg, 60 mg and 100 mg flavored tablets

A prostaglandin E₂ (PGE₂) EP4 receptor antagonist; a non-cyclooxygenase inhibiting, non-steroidal anti-inflammatory drug

Caution:

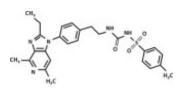
Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

Description:

GALLIPRANT (grapiprant tablets) is a prostaglandin E_2 (PGE₂) EP4 receptor antagonist; a non-cyclooxygenase (COX) inhibiting, non-steroidal anti-inflammatory drug (NSAID) in the piprant class. GALLIPRANT is a flavored, oval, biconvex, beige to brown in color, scored tablet debossed with a "G" that contains grapiprant and desiccated pork liver as the flavoring agent.

The molecular weight of grapiprant is 491.61 Daltons. The empirical formula is C₂₆H₂₉N₅O₃S. Grapiprant is N-[[[2-[4-(2-Ethyl-4,6-dimethyl-1H-imidazo[4,5-c] pyridin-1-yl)phenyl]ethyl]amino]carbonyl]-4 methylbenzenesulfonamide.

The structural formula is:



Indication:

GALLIPRANT (grapiprant tablets) is indicated for the control of pain and inflammation associated with osteoarthritis in dogs.

Dosage and Administration:

Always provide "Information for Dog Owners" Sheet with prescription. Use the lowest effective dose for the shortest duration consistent with individual response.

The dose of GALLIPRANT (grapiprant tablets) is 0.9 mg/lb (2 mg/kg) once daily.

Only the 20 mg and 60 mg tablets of GALLIPRANT are scored.

The dosage should be calculated in half tablet increments.

Dogs less than 8 lbs. (3.6 kgs) cannot be accurately dosed.

Dose	Weight in pounds	Weight in kilograms	20 mg tablet	60 mg tablet	100 mg tablet
	8-15	3.6-6.8	0.5		
0.9 mg/lb (2		6.9-13.6	1		
mg/kg) once	30.1-45	13.7-20.4		0.5	
daily	45.1-75	20.5-34		1	
	75.1-150	34.1-68			1

Dosing Chart

The 100 mg tablet is not scored and should not be broken in half.

Breaking the 100 mg tablet in half will not guarantee that half of the active ingredient is contained within each half of the tablet. For dogs larger than 150 lbs (68 kgs), use a combination of tablet and half tablets to achieve the appropriate dose.

Contraindications:

GALLIPRANT should not be used in dogs that have a hypersensitivity to grapiprant.

Warnings:

Not for use in humans. Keep this and all medications out of reach of children and pets. Consult a physician in case of accidental ingestion by humans.

For use in dogs only. Store GALLIPRANT out of reach of dogs and other pets in a secured location in order to prevent accidental ingestion or overdose.

Precautions:

The safe use of GALLIPRANT has not been evaluated in dogs younger than 9 months of age and less than 8 lbs (3.6 kg), dogs used for breeding, or in pregnant or lactating dogs.

Adverse reactions in dogs receiving GALLIPRANT may include vomiting, diarrhea, decreased appetite, mucoid, watery or bloody stools, and decreases in serum albumin and total protein.

If GALLIPRANT is used long term appropriate monitoring is recommended.

Concurrent use with other anti-inflammatory drugs has not been studied. Concomitant use of GALLIPRANT with other anti-inflammatory drugs, such as COX-inhibiting NSAIDs or corticosteroids, should be avoided. If additional pain medication is needed after a daily dose of GALLIPRANT, a non-NSAID/non-corticosteroid class of analgesic may be necessary.

The concomitant use of protein-bound drugs with GALLIPRANT has not been studied. Commonly used protein-bound drugs include cardiac, anticonvulsant and behavioral medications.

Drug compatibility should be monitored in patients requiring adjunctive therapy. Consider appropriate washout times when switching from one anti-inflammatory to another or when switching from corticosteroids or COX-inhibiting NSAIDs to GALLIPRANT use.

The use of GALLIPRANT in dogs with cardiac disease has not been studied.

It is not known whether dogs with a history of hypersensitivity to sulfonamide drugs will exhibit hypersensitivity to GALLIPRANT. GALLIPRANT is a methylbenzenesulfonamide.

Adverse Reactions:

In a controlled field study, 285 dogs were evaluated for safety when given either GALLIPRANT or a vehicle control (tablet minus grapiprant) at a dose of 2 mg/kg (0.9 mg/lb) once daily for 28 days. GALLIPRANT-treated dogs ranged in age from 2 yrs to 16.75 years. The following adverse reactions were observed:

Adverse reaction*	GALLIPRANT (grapiprant tablets) N = 141	Vehicle control (tablets minus grapiprant) N = 144
Vomiting	24	9
Diarrhea, soft stool	17	13
Anorexia, inappetence	9	7
Lethargy	6	2
Buccal ulcer	1	0
Immune mediated hemolytic anemia	1	0

Table 1. Adverse reactions reported in the field study.

*Dogs may have experienced more than one type or occurrence during the study.

GALLIPRANT was used safely during the field studies with other concurrent therapies, including antibiotics, parasiticides and vaccinations.

To report suspected adverse drug events and/or to obtain a copy of the Safety Data Sheet (SDS) or for technical assistance, call 1-888-545-5973.

For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or online at http://www.fda.gov/AnimalVeterinary/SafetyHealth

Information for Dog Owners:

Owners should be advised of the potential for adverse reactions and be informed of the clinical signs associated with drug intolerance. Adverse reactions may include vomiting, diarrhea, decreased appetite, and decreasing albumin and total protein.

Appetite and stools should be monitored and owners should be advised to consult with

their veterinarian if appetite decreases or stools become abnormal.

Clinical Pharmacology:

Grapiprant is a prostaglandin E_2 (PGE₂) EP4 receptor antagonist; a non- cyclooxygenase inhibiting, non-steroidal, anti-inflammatory drug. Grapiprant has a canine EP4 receptor binding affinity (Ki) of 24 nM.

Prostaglandins have a wide variety of physiologic effects. Prostaglandin E_2 (PGE₂) is a prostanoid that exerts its effects via four receptors, EP1, EP2, EP3, and EP4. PGE₂ is involved in mediating inflammatory pain, vasodilation, increasing vascular permeability; as well as gastrointestinal homeostasis, renal function and reproductive functions. The EP4 receptor is important in mediating pain and inflammation as it is the primary mediator of the PGE₂-elicited sensitization of sensory neurons¹ and PGE₂-elicited inflammation.² Grapiprant blocks PGE₂-elicited pain and inflammation by antagonizing the EP4 receptor.

The EP4 receptor, along with the EP1, EP2 and EP3 receptors, is involved in PGE₂ mediated effects on gastrointestinal homeostasis and renal function. PGE₂ effects mediated solely by the EP4 receptor are stimulation of mucus secretion in the stomach and large intestine, stimulation of acid secretion in the stomach, inhibition of small intestine motility and inhibition of cytokine expression in the large intestine.³ While PGE₂ gastroprotective action is mediated by EP1, the healing promoting action of PGE₂ in the stomach is mediated by the EP4 receptor.⁴ In the kidney, the PGE₂ antinatiuretic effect is mediated by the EP4 receptor.⁵

EP4 receptors are abundantly expressed in the heart of dogs,⁶ the clinical relevance of which is unknown. The EP4 receptor is not involved in generation of pyrexia.

Grapiprant is not a potential inhibitor of CYP1A2, CYP2C9, CYP2C19, CYP2D6, and CYP3A4 mediated metabolism pathways. Grapiprant is a substrate of P-glycoprotein transport. *In vitro* metabolism with dog liver microsomes identified two oxidative metabolites, M3 (hydroxyl) and M5 (N-dealkylation).

The pharmacokinetic characterization of grapiprant following oral administration of GALLIPRANT tablets to healthy Beagles is provided in the table below.

Study	Study 1 ¹	Study 1 ¹	Study 2 ²	Study 2 ²
	2 mg/kg	2 mg/kg	6 mg/kg	50 mg/kg
PK Parameter	(n = 10)	(n = 10)	(n = 8)	(n = 8)
	(Fasted)	(Fed)	(Fasted)	(Fasted)
Tmax ³ (hr)	1.0	1.0	1.0	2.0
	(0.5 – 1.03)	(0.5 – 8.07)	(1.0 - 2.0)	(1.0 - 4.0)
Cmax (ng/mL)	1210	278	5720	98500
	(341)	(179)	(3220)	(13100)
AUC(0-inf) (ng*hr/mL)	2790	1200	17800	414000
	(982)	(523)	(5520)	(73700)
T1/2	4.60	5.67	5.01	5.21
(hr)	(4.19)	(3.27)	(1.95)	(1.66)

Table 2. Mean (±SD) Plasma Pharmacokinetic Parameters for Grapiprant inBeagles after single oral dose of GALLIPRANT tablet formulation

Fed/Fasted Relative Bioavailability Geometric Mean Ratio of AUC (90% Confidence Limits)

¹Study 1 was a food effect determination study. ²Study 2 was a PK bridging study conducted using 60 mg GALLIPRANT tablets at 6 mg/kg dose and 5 X 100 mg GALLIPRANT tablets at 50 mg/kg dose. ³Median (Range)

Grapiprant is absorbed rapidly following an oral dose of the GALLIPRANT; with Cmax values achieved within approximately 2 hr post-dose (Tmax). Intake of the tablet with food significantly reduces the oral bioavailability, with mean Cmax and AUC grapiprant values reduced 4-fold and 2-fold, respectively. The systemic grapiprant exposure increases in a greater than dose proportional manner.

The mean terminal elimination half-life (T1/2) ranges between 4.60 to 5.67 hr. Following once daily dosing, negligible drug accumulation in the blood is anticipated. Following an oral dose of radiolabeled grapiprant to dogs, the majority of the dose was excreted within the first 72 hr (84%) and approximately 88.7% of the dose was excreted in 192 hr. In a bile duct cannulated dog study, approximately 55.6%, 15.1% and 19.1% of the dose was excreted in bile, urine and feces, respectively, suggesting the high oral bioavailability of grapiprant in dogs (> 70%). Four metabolites were identified; two hydroxylated metabolites, one N-deamination metabolite (major metabolite urine (3.4%) and feces (7.2%)) and one N-oxidation metabolite. Metabolite activity is not known. Plasma protein binding of grapiprant was ~95%.

Effectiveness:

Two hundred and eighty five (285) client-owned dogs were enrolled in the study and evaluated for field safety. GALLIPRANT-treated dogs ranging in age from 2 to 16.75 years and weighing between 4.1 and 59.6 kgs (9 – 131 lbs) with radiographic and clinical signs of osteoarthritis were enrolled in a placebo-controlled, masked field study. Dogs had a 7-day washout from NSAID or other current OA therapy. Two hundred and sixty two (262) of the 285 dogs were included in the effectiveness evaluation. Dogs were assessed for improvements in pain and function by the owners using the Canine Brief Pain Inventory (CBPI) scoring system.⁷ A statistically significant difference in the proportion of treatment successes in the GALLIPRANT group (63/131 or 48.1%) was observed compared to the vehicle control group (41/131 or 31.3%). GALLIPRANT demonstrated statistically significant differences in owner assessed pain and function. The results of the field study demonstrate that GALLIPRANT, administered at 2 mg/kg (0.9 mg/pound) once daily for 28 days, was effective for the control of pain and inflammation associated with osteoarthritis.

Animal Safety:

In a 9-month toxicity study, grapiprant in a methylcellulose suspension was administered by oral gavage once daily to healthy Beagles at doses of 1, 6, and 50 mg/kg/day. Based on a relative bioavailability study comparing grapiprant in methylcellulose suspension to GALLIPRANT tablets, the corresponding equivalent doses were 0.75 mg/kg (0.12X – 0.25X), 4.44 mg/kg (0.72X – 1.48X) and 30.47 mg/kg (4.88X – 10.16X) of the GALLIPRANT tablets. Four animals/sex were used in each dose group and 2 additional animals/sex were used in the 50 mg/kg dose group to evaluate recovery after drug cessation. Vomiting and soft-formed or mucus stool were observed in all groups, including controls, with higher incidence in grapiprant-treated dogs. Decreases in serum albumin and total protein were seen with increasing doses of grapiprant. Hypoalbuminemia and hypoproteinemia were reversible when treatment was discontinued. Three treated dogs and one control dog had elevated alkaline phosphatase values. One animal in the 50 mg/kg group (equivalent to 30.47 mg/kg of tablet formulation) had mild regeneration of the mucosal epithelium of the ileum.

In a field study conducted in 366 client-owned dogs to evaluate GALLIPRANT at doses of 2 mg/kg once daily, 5 mg/kg once daily, 4 mg/kg twice daily, or placebo twice daily, the most common adverse reactions related to treatment were diarrhea, vomiting and inappetence. Changes in clinical pathology included concurrent elevations of alkaline phosphatase and alanine aminotransferase values on Day 28, and dose-dependent decreases in total protein values. There was no clinical impact related to these clinical pathology changes.

Storage Conditions:

Store at or below 86° F (30° C)

How Supplied:

20 mg, 60 mg and 100 mg flavored tablets in 7, 30 and 90 count bottles

Approved by FDA under NADA # 141-455

Manufactured for: Elanco US Inc. Greenfield, IN 46140

References:

- 1. Nakao, K., Murase, A., et al. CJ-023,423, a novel, potent and selective prostaglandin EP4 receptor antagonist with antihyperalgesic properties. The Journal of Pharmacology and Experimental Therapeutics. 2007; 322(2), 686-694.
- Murase, A., Okumura, T., et al. Effect of prostanoid EP4 receptor antagonist, CJ-042,794, in rat models of pain and inflammation. European Journal of Pharmacology. 2008; 580(1-2), 116-121.
- 3. Takeuchi, K., S. Kato, et al. Prostaglandin EP receptors involved in modulating gastrointestinal mucosal integrity. Journal of Pharmacological Sciences. 2010; 114(3): 248-261.
- Hatazawa R, Tanaka A, Tanigami M, et al. Cyclooxygenase-2/prostaglandin E₂ accelerates the healing of gastric ulcers via EP4 receptors. American Journal of Physiology-Gastrointestinal and Liver Physiology. 2007; 293: G788-G797.
- Nasrallah R, Hassouneh R, and Hebert R. Chronic kidney disease: targeting prostaglandin E₂ receptors. American Journal of Physiology Renal Physiology. 2014; 307: F242-250.

- Castleberry TA, Lu B, et al. Molecular cloning and functional characterization of the canine prostaglandin E₂ receptor EP4 subtype. Prostaglandins and Other Lipid Mediators. 2001; 65: 167-187.
- http://www.vet.upenn.edu/docs/default-source/ VCIC/canine-bpi_userguide. pdf? sfvrsn=0

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November 2022 PA103754X

ARATANA THERAPEUTICS®

Elanco_{TM} Galliprant[®] (grapiprant tablets)

For oral use in dogs only

Flavored tablets

A prostaglandin E_2 (PGE₂) EP4 receptor antagonist; a non-cyclooxygenase inhibiting, non-steroidal, anti-inflammatory drug.

Information for Dog Owners

GALLIPRANT is indicated for the control of pain and inflammation due to osteoarthritis.

This sheet contains important information about GALLIPRANT.

You should read this information before starting your dog on GALLIPRANT and review it each time the prescription is refilled. This information provides a summary and does not take the place of the instructions from your veterinarian. Talk to your veterinarian if you do not understand any of this information or you want more information about GALLIPRANT.

GALLIPRANT is a prostaglandin E_2 (PGE₂) EP4 receptor antagonist; a noncyclooxygenase (COX) inhibiting, non-steroidal, anti-inflammatory drug (NSAID). As an anti-inflammatory, GALLIPRANT is indicated for the control of pain and inflammation associated with osteoarthritis in dogs.

Control of pain and inflammation may vary from dog to dog. Consult your veterinarian if your dog appears to be uncomfortable. GALLIPRANT may need to be given for an extended period of time. Use the lowest dose to provide adequate pain control. Always consult with your veterinarian before altering the dose.

It is important to periodically discuss your dog's response to GALLIPRANT with your veterinarian. Your veterinarian will discuss appropriate monitoring while your dog is on GALLIPRANT.

The most common side effects associated with GALLIPRANT include vomiting, soft, mucoid stools, diarrhea and decreased appetite. You should contact your veterinarian if your dog's appetite decreases or stools become abnormal.

Dogs should not take GALLIPRANT if:

- Your dog is presently taking aspirin, other NSAIDs, or corticosteroids (unless directed by your veterinarian).
- Your dog has had an allergic reaction (such as hives, facial swelling, or itchy skin) to GALLIPRANT. Inform your veterinarian if your dog has had an allergic reaction to other anti-inflammatory drugs.
- Your dog is under 8 pounds in body weight.

GALLIPRANT should only be given to dogs. Do not use in cats.

GALLIPRANT should not be given with other non-steroidal anti-inflammatory drugs (NSAIDs) or corticosteroids (for example, aspirin, carprofen, meloxicam and prednisone).

Not for use in humans. Keep this and all medications out of reach of children and pets. Consult a physician in case of accidental ingestion by humans.

Store GALLIPRANT out of reach of dogs and other pets in a secured location in order to prevent accidental ingestion or overdose.

Tell your veterinarian about:

- Any side effects your dog has experienced from GALLIPRANT or other NSAIDs.
- Any digestive issues (bloody, mucoid stool, vomiting or diarrhea, or decreased appetite) your dog has.
- Any other medical problems or allergies that your dog has had.
- All medications that you are giving your dog or plan to give your dog, including those you can get without a prescription and any dietary supplements.
- If you plan to breed your dog, or if your dog is pregnant or nursing.

If you have additional questions about possible side effects while your dog is on GALLIPRANT, talk with your veterinarian or call 1-888-545-5973.

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November 2022

ARATANA THERAPEUTICS®

PA103754X

ElancoTM

Principal Display Panel - Galliprant 20 mg 7 Tablets Carton Label

Galliprant®

(grapiprant tablets)

20 mg

For oral use

in dogs only

EP4 Prostaglandin

Receptor Antagonist NSAID

Caution: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

7 FLAVORED TABLETS

ARATANA THERAPEUTICS®

Elanco



Principal Display Panel - Galliprant 20 mg 7 Tablets Bottle Label

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20 mg

For oral use in dogs only

EP4 Prostaglandin

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7 FLAVORED TABLETS



Principal Display Panel - Galliprant 20 mg 30 Tablets Carton Label

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Receptor Antagonist NSAID

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30 FLAVORED TABLETS



Principal Display Panel - Galliprant 20 mg 90 Tablets Carton Label

Galliprant®

(grapiprant tablets)

20 mg

For oral use in dogs only

EP4 Prostaglandin

Receptor Antagonist NSAID

Caution: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

90 FLAVORED TABLETS

ARATANA THERAPEUTICS[®]



Principal Display Panel - Galliprant 20 mg 90 Tablets Bottle Label

Galliprant®

(grapiprant tablets)

20 mg

For oral use in dogs only

EP4 Prostaglandin

Receptor Antagonist NSAID

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Principal Display Panel - Galliprant 60 mg 7 Tablets Carton Label

Galliprant®

(grapiprant tablets)

60 mg

For oral use in dogs only

EP4 Prostaglandin

Receptor Antagonist NSAID

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7 FLAVORED TABLETS

ARATANA THERAPEUTICS®



Principal Display Panel - Galliprant 60 mg 7 Tablets Bottle Label

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(grapiprant tablets)

60 mg

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EP4 Prostaglandin

Receptor Antagonist NSAID

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(grapiprant tablets)

60 mg

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EP4 Prostaglandin

Receptor Antagonist NSAID

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(grapiprant tablets)

60 mg

For oral use in dogs only

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Galliprant®

(grapiprant tablets)

60 mg

For oral use in dogs only

EP4 Prostaglandin

Receptor Antagonist NSAID

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90 FLAVORED TABLETS

ARATANA THERAPEUTICS®



Principal Display Panel - Galliprant 60 mg 90 Tablets Bottle Label

Galliprant®

(grapiprant tablets)

60 mg

For oral use in dogs only

EP4 Prostaglandin Receptor

Antagonist NSAID

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Principal Display Panel - Galliprant 100 mg 7 Tablets Carton Label

Galliprant®

(grapiprant tablets)

100 mg

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EP4 Prostaglandin

Receptor Antagonist NSAID

Caution: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

7

FLAVORED TABLETS

ARATANA THERAPEUTICS®



Principal Display Panel - Galliprant 100 mg 7 Tablets Bottle Label

Galliprant®

(grapiprant tablets)

100 mg

For oral use in dogs only

EP4 Prostaglandin

Receptor Antagonist NSAID

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Principal Display Panel - Galliprant 100 mg 30 Tablets Carton Label

Galliprant®

(grapiprant tablets)

100 mg

For oral use in dogs only

EP4 Prostaglandin

Receptor Antagonist NSAID

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30 FLAVORED TABLETS

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Principal Display Panel - Galliprant 100 mg 30 Tablets Bottle Label

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(grapiprant tablets)

100 mg

For oral use in dogs only

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Antagonist NSAID

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100 mg

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EP4 Prostaglandin Receptor

Antagonist NSAID

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Indication: GALLIPRANT is indicated for the control of pain and inflammation associated	Calliprant		Store at or below: 86° F (30° C)
with osteoarthritis in dogs. Warnings: Not for use in humans. Keep this	Galliprant (grapiprant tablets)		Approved by FDA under NADA # 141-455
and all medications out of reach of children and pets. Consult a physician in case of		100 mg	Manufactured for: Elanco US Inc.
accidental ingestion by humans. For use in dogs only. Do not use in cats.	For oral use in dogs only		Greenfield, IN 46140 1-888-545-5973
Dosage and Administration:	EP4 Prostaglandin Receptor Antagonist NSAID		
0.9 mg/lb (2 mg/kg) once daily	Caution: Federal (USA) law restricts this drug		Elanco
Please refer to the package insert for complete information.	to use by or on the order of a licensed veterinarian.	90 FLAVORED	XARATANA

GALLIPRANT

grapiprant tablet

Product Informa	ation							
Product Type		PRESCRIPTION ANIMA	L DRUG	Item	Code (Sou	rce)	NDC:	58198-5810
Route of Administr	ation	ORAL						
Active Ingredien	t/Active	Moiety						
	Ingred	ient Name			Basis of	Stre	ngth	Strength
Grapiprant (UNII: J9F52	ZPH7NB) (G	rapiprant - UNII:J9F5ZI	PH7NB)		Grapiprant			20 mg
Product Charact			-			-		
Color	brown (B		Score				pieces	
Shape	OVAL (OV	AL)	Size				2mm	
Flavor			Imprint C	Code		20);mg;G;(3
Contains								
Packaging					_			
# Item Code		ge Description	Marketiı	ng Sta	art Date	Mark	ceting	End Date
1 NDC:58198-5810-1	1 in 1 CAF							
1 2 NDC:58198-5810-2	7 in 1 BO							
2 NDC:58198-5810-2	30 in 1 B0							
3 NDC:58198-5810-3	1 in 1 CAF							
3	90 in 1 BC							

Marketing	Application Number or Monograph	Marketing Start	Marketing End
Category	Citation	Date	Date
NADA	NADA141455	01/03/2016	

rapiprant tablet Product Informa									
Draduct Informa									
Product Informa	tion								
Product Type		PRESCRIPTION ANIM	AL DRUG	ltem	Code (Sou	rce)	NDC	:58198-5811	
Route of Administra	ation	ORAL							
Active Ingredient	t/Active	Moiety							
	Ingred	ient Name			Basis o	f St	rength	Strength	
Grapiprant (UNII: J9F5Z	(GI	rapiprant - UNII:J9F5Z	PH7NB)		Grapiprant			60 mg	
Product Charact									
Color	brown (B		Score		2 pie		2 pieces		
Shape	OVAL (OV	AL)	Size				18mm		
lavor			Imprint C	ode			60;mg;G;	G	
Contains									
Packaging		_							
# Item Code		ge Description	Marketir	ig Sta	art Date	Ma	arketing	End Date	
L NDC:58198-5811-1	1 in 1 CAF								
1 2 NDC:58198-5811-2	7 in 1 BO								
2 NDC:58198-5811-2 2	30 in 1 BC								
B NDC:58198-5811-3	1 in 1 CAF								
NDC.30130-3011-3	90 in 1 BC								
3) EE							

GALLIPRANT grapiprant tablet			
Product Information			
Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:58198-5812

	ration ORAL				
Active Ingredier	nt/Active Moiety				
	Ingredient Nar	ne	Basis of S	Strength	Strength
Grapiprant (UNII: J9F5	ZPH7NB) (Grapiprant -	UNII:J9F5ZPH7NB)	Grapiprant		100 mg
Product Charac	teristics				
Color	brown (Brown)	Score		no score	
Shape	OVAL (OVAL)	Size		23mm	
Flavor		Imprint Cod	e	100;mg;G;C	3
Contains					
				1	
# Item Code	Package Desc	ription Marketing	Start Date	Marketing	End Date
Item Code NDC:58198-5812-1	1 in 1 CARTON	ription Marketing	Start Date	Marketing	End Date
Item Code 1 NDC:58198-5812-1 1	1 in 1 CARTON 7 in 1 BOTTLE	ription Marketing	Start Date	Marketing	End Date
 item Code NDC:58198-5812-1 NDC:58198-5812-2 	1 in 1 CARTON 7 in 1 BOTTLE 1 in 1 CARTON	ription Marketing	Start Date	Marketing	End Date
 # Item Code 1 NDC:58198-5812-1 1 2 NDC:58198-5812-2 2 	1 in 1 CARTON 7 in 1 BOTTLE 1 in 1 CARTON 30 in 1 BOTTLE	ription Marketing	Start Date	Marketing	End Date
 # Item Code NDC:58198-5812-1 NDC:58198-5812-2 NDC:58198-5812-2 NDC:58198-5812-3 	1 in 1 CARTON 7 in 1 BOTTLE 1 in 1 CARTON 30 in 1 BOTTLE 1 in 1 CARTON	ription Marketing	Start Date	Marketing	End Date
 # Item Code NDC:58198-5812-1 NDC:58198-5812-2 NDC:58198-5812-2 NDC:58198-5812-3 	1 in 1 CARTON 7 in 1 BOTTLE 1 in 1 CARTON 30 in 1 BOTTLE	ription Marketing	Start Date	Marketing	End Date
 # Item Code NDC:58198-5812-1 NDC:58198-5812-2 NDC:58198-5812-2 NDC:58198-5812-3 	1 in 1 CARTON 7 in 1 BOTTLE 1 in 1 CARTON 30 in 1 BOTTLE 1 in 1 CARTON	ription Marketing	Start Date	Marketing	End Date
 # Item Code NDC:58198-5812-1 NDC:58198-5812-2 NDC:58198-5812-2 NDC:58198-5812-3 NDC:58198-5812-3 	1 in 1 CARTON 7 in 1 BOTTLE 1 in 1 CARTON 30 in 1 BOTTLE 1 in 1 CARTON 90 in 1 BOTTLE	ription Marketing	Start Date	Marketing	End Date
 # Item Code NDC:58198-5812-1 NDC:58198-5812-2 NDC:58198-5812-2 NDC:58198-5812-3 NDC:58198-5812-3 	1 in 1 CARTON 7 in 1 BOTTLE 1 in 1 CARTON 30 in 1 BOTTLE 1 in 1 CARTON 90 in 1 BOTTLE	ription Marketing	Start Date	Marketing	End Date
 NDC:58198-5812-1 NDC:58198-5812-2 NDC:58198-5812-2 	1 in 1 CARTON 7 in 1 BOTTLE 1 in 1 CARTON 30 in 1 BOTTLE 1 in 1 CARTON 90 in 1 BOTTLE 90 in 1 BOTTLE	iption Marketing	Start Date		End Date

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