

**SIMPARICA TRIO- sarolaner, moxidectin, and pyrantel tablet, chewable**  
**Zoetis Inc.**

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***Simparica TRIO®***

***Simparica TRIO®***

***(sarolaner, moxidectin, and pyrantel chewable tablets)***

**FOR ORAL USE IN DOGS ONLY**

**CAUTION**

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

**DESCRIPTION**

SIMPARICA TRIO (sarolaner, moxidectin, and pyrantel chewable tablets) is a flavored, chewable tablet for administration to dogs 8 weeks of age and older. Each tablet is formulated to provide minimum dosages of 0.54 mg/lb (1.2 mg/kg) sarolaner, 0.011 mg/lb (24 µg/kg) moxidectin, and 2.27 mg/lb (5 mg/kg) pyrantel (as pamoate salt).

Sarolaner is a member of the isoxazoline class of parasiticides and the chemical name is 1-(5'-((5S)-5-(3,5-Dichloro-4-fluorophenyl)-5-trifluoromethyl)-4,5-dihydroisoxazol-3-yl)-3'-H-spiro(azetidine-3,1'-(2)benzofuran)-1-yl)-2-(methylsulfonyl)ethanone. SIMPARICA TRIO contains the S-enantiomer of sarolaner.

Moxidectin is a semi-synthetic methoxime derivative of nemadectin which is a fermentation product of *Streptomyces cyaneogriseus* subspecies *noncyanogenus*. Moxidectin is a pentacyclic 16-membered lactone macrolide. The chemical name for moxidectin is (6R,23E,25S)-5-O-Demethyl-28-deoxy-25-[(1E)-1,3-dimethyl-1-buten-1-yl]-6,28-epoxy-23-(methoxyimino)milbemycin B.

Pyrantel belongs to a family classified chemically as tetrahydropyrimidines and the chemical name is (E)-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-thienyl) vinyl] pyrimidine 4,4' methylenebis [3-hydroxy-2-naphthoate] (1:1). It is a yellow, water-insoluble crystalline salt of the tetrahydropyrimidine base and pamoic acid containing 34.7% base activity.

**INDICATIONS**

SIMPARICA TRIO is indicated for the prevention of heartworm disease caused by *Dirofilaria immitis* and for the treatment and control of roundworm (immature adult and adult *Toxocara canis* and adult *Toxascaris leonina*) and hookworm (L4, immature adult, and adult *Ancylostoma caninum* and adult *Uncinaria stenocephala*) infections.

SIMPARICA TRIO kills adult fleas (*Ctenocephalides felis*) and is indicated for the treatment and prevention of flea infestations, and the treatment and control of tick infestations with *Amblyomma americanum* (lone star tick), *Amblyomma maculatum* (Gulf Coast tick), *Dermacentor variabilis* (American dog tick), *Ixodes scapularis* (blacklegged tick), and *Rhipicephalus sanguineus* (brown dog tick) for one month in dogs and puppies 8 weeks

of age and older, and weighing 2.8 pounds or greater. SIMPARICA TRIO is indicated for the prevention of *Borrelia burgdorferi* infections as a direct result of killing *Ixodes scapularis* vector ticks.

## DOSAGE AND ADMINISTRATION

SIMPARICA TRIO is given orally once a month, at the recommended minimum dose of 0.54 mg/lb (1.2 mg/kg) sarolaner, 0.011 mg/lb (24 µg/kg) moxidectin, and 2.27 mg/lb (5 mg/kg) pyrantel (as pamoate salt).

### Dosage Schedule

Body Weight (lbs)	Sarolaner per Tablet (mg)	Moxidectin per Tablet (mg)	Pyrantel per Tablet (mg)	Number of Tablets Administered
2.8 to 5.5	3	0.06	12.5	One
5.6 to 11.0	6	0.12	25	One
11.1 to 22.0	12	0.24	50	One
22.1 to 44.0	24	0.48	100	One
44.1 to 88.0	48	0.96	200	One
88.1 to 132.0	72	1.44	300	One
>132.0	Administer the appropriate combination of tablets			

SIMPARICA TRIO can be offered to the dog with or without food.

Care should be taken to ensure that the dog consumes the complete dose and that part of the dose is not lost or refused. If a dose is missed, give SIMPARICA TRIO immediately and resume monthly dosing.

#### *Heartworm Prevention:*

SIMPARICA TRIO should be administered at monthly intervals year-round or at least within one month of the animal's first seasonal exposure to mosquitoes and continuing until at least 1 month after the dog's last seasonal exposure. If a dose is missed, give SIMPARICA TRIO immediately and resume monthly dosing. When replacing a monthly heartworm preventive product, SIMPARICA TRIO should be given within one month of the last dose of the former medication.

#### *Flea Treatment and Prevention:*

Treatment with SIMPARICA TRIO may begin at any time of the year. SIMPARICA TRIO should be administered year-round at monthly intervals or started at least one month before fleas become active. To minimize the likelihood of flea re-infestation, it is important to treat all dogs and cats within a household with a flea control product.

#### *Tick Treatment and Control:*

Treatment with SIMPARICA TRIO can begin at any time of the year. SIMPARICA TRIO should be administered year-round at monthly intervals or started at least one month before ticks become active.

#### *Intestinal Nematode Treatment and Control:*

For the treatment of roundworm (immature adult and adult *Toxocara canis* and adult *Toxascaris leonina*) and hookworm (L4, immature adult, and adult *Ancylostoma caninum* and adult *Uncinaria stenocephala*) infections, SIMPARICA TRIO should be administered once as a single dose. Monthly use of SIMPARICA TRIO will control any subsequent infections.

## CONTRAINDICATIONS

There are no known contraindications for the use of SIMPARICA TRIO.

## WARNINGS

Not for use in humans. Keep this and all drugs out of reach of children.

Keep SIMPARICA TRIO in a secure location out of reach of dogs, cats and other animals to prevent accidental ingestion or overdose.

## PRECAUTIONS

Sarolaner, one of the ingredients in SIMPARICA TRIO, is a member of the isoxazoline class. This class has been associated with neurologic adverse reactions including tremors, ataxia, and seizures. Seizures have been reported in dogs receiving isoxazoline class drugs, even in dogs without a history of seizures. Use with caution in dogs with a history of seizures or neurologic disorders.

Prior to administration of SIMPARICA TRIO, dogs should be tested for existing heartworm infections. Infected dogs should be treated with an adulticide to remove adult heartworms. SIMPARICA TRIO is not effective against adult *D. immitis*.

The safe use of SIMPARICA TRIO has not been evaluated in breeding, pregnant, or lactating dogs.

## ADVERSE REACTIONS

In a field safety and effectiveness study, SIMPARICA TRIO was administered to dogs for the prevention of heartworm disease. The study included a total of 410 dogs treated once monthly for 11 treatments (272 treated with SIMPARICA TRIO and 138 treated with an active control). Over the 330-day study period, all observations of potential adverse reactions were recorded. The most frequent reactions reported in the SIMPARICA TRIO group are presented in the following table.

**Table 1. Dogs with Adverse Reactions**

<b>Clinical Sign</b>	<b>SIMPARICA TRIO n = 272</b>	<b>Active Control n = 138</b>
Vomiting	14.3%	10.9%
Diarrhea	13.2%	8.0%
Lethargy	8.5%	6.5%
Anorexia	5.1%	5.8%

Polyuria	3.7%	3.6%
Hyperactivity	2.2%	0.7%
Polydipsia	2.2%	2.9%

In a second field safety and effectiveness study, SIMPARICA TRIO was administered to 278 dogs with fleas. Adverse reactions in dogs treated with SIMPARICA TRIO included diarrhea.

In a third field safety and effectiveness study, SIMPARICA TRIO was administered to 120 dogs with roundworms. Adverse reactions in dogs treated with SIMPARICA TRIO included diarrhea and vomiting.

## CONTACT INFORMATION

For a copy of the Safety Data Sheet or to report adverse reactions, call Zoetis Inc. at 1-888-963-8471. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or [www.fda.gov/reportanimalae](http://www.fda.gov/reportanimalae).

## CLINICAL PHARMACOLOGY

Following oral administration of SIMPARICA TRIO in Beagle dogs (13 to 15 months of age at the time of initial dosing), sarolaner and moxidectin were rapidly and well-absorbed. Following a single oral dose of SIMPARICA TRIO (sarolaner dose of 1.2 mg/kg), the sarolaner mean maximum plasma concentration ( $C_{\max}$ ) was 523 ng/mL with a mean time to maximum concentration ( $T_{\max}$ ) of 3.5 hours and an absolute bioavailability of 88%. At a moxidectin dose of 0.024 mg/kg, the moxidectin mean  $C_{\max}$  was 13.1 ng/mL with a mean  $T_{\max}$  of 2.4 hours and an absolute bioavailability of 67%.

Following intravenous (IV) dosing of a combination solution of sarolaner and moxidectin, the sarolaner volume of distribution ( $V_{ss}$ ) was 2.4 L/kg and systemic clearance (CL) was 6.0 mL/kg/hr. For moxidectin the  $V_{ss}$  was 7.65 L/kg and CL was 26.6 mL/kg/hr. The terminal half-lives were similar after oral and IV dosing for both sarolaner (12 days) and moxidectin (11 days). The primary route of elimination of both sarolaner and moxidectin is biliary excretion with minimal metabolism.

Following an oral dose of SIMPARICA TRIO containing 5 mg/kg pyrantel (as pamoate salt), pyrantel has measurable plasma concentrations, but they are low and highly variable. Pyrantel pamoate is intended to remain in the gastrointestinal tract allowing for delivery of effective concentrations to gastrointestinal nematodes.

## MODE OF ACTION

SIMPARICA TRIO contains three active pharmaceutical ingredients, sarolaner, moxidectin, and pyrantel pamoate.

Sarolaner is an acaricide and insecticide belonging to the isoxazoline group. Sarolaner inhibits the function of the neurotransmitter gamma aminobutyric acid (GABA) receptor and glutamate receptor, and works at the neuromuscular junction in insects. This results in uncontrolled neuromuscular activity leading to death in insects or acarines.

Moxidectin is an endectocide in the macrocyclic lactone class. Moxidectin acts by interfering with the chloride channel-mediated neurotransmission in the parasite. This results in paralysis and death of the parasite.

Pyrantel pamoate is a nematocide belonging to the tetrahydropyrimidine class. Pyrantel acts as a depolarizing, neuromuscular-blocking agent in susceptible parasites, which causes paralysis and death or expulsion of the organism.

## **EFFECTIVENESS**

### **Heartworm Prevention**

In two well-controlled laboratory studies, a single oral dose of SIMPARICA TRIO was 100% effective in preventing the development of adult *D. immitis* in dogs inoculated with infective larvae 30 days before treatment.

In a well-controlled US field study consisting of 246 dogs administered SIMPARICA TRIO and 119 administered an active control, no dogs treated with SIMPARICA TRIO tested positive for heartworm disease. All dogs treated with SIMPARICA TRIO were negative for *D. immitis* antigen and blood microfilariae at study completion on day 330.

### **Flea Treatment and Prevention**

In a well-controlled laboratory study, SIMPARICA TRIO began to kill fleas at 4 hours and demonstrated 100% effectiveness at 8 hours after initial administration. After weekly re-infestations, SIMPARICA TRIO reduced the number of live fleas by  $\geq 97.8\%$  within 12 hours of infestation for 28 days.

In a separate well-controlled laboratory study, SIMPARICA TRIO demonstrated 100% effectiveness against adult fleas within 24 hours following treatment and maintained  $\geq 99.7\%$  effectiveness against weekly re-infestations for 35 days.

In a study to explore flea egg production and viability, SIMPARICA TRIO killed fleas before they could lay eggs for 35 days.

In a well-controlled 60-day US field study conducted in dogs with existing flea infestations of varying severity, the effectiveness of SIMPARICA TRIO against fleas on Day 30 and 60 visits was 99.0% and 99.7%, respectively, compared to baseline. Dogs with signs of flea allergy dermatitis showed improvement in erythema, papules, scaling, alopecia, dermatitis/pyodermatitis and pruritus as a direct result of eliminating fleas.

### **Tick Treatment and Control**

In a well-controlled laboratory study, SIMPARICA TRIO began to kill existing *I. scapularis* within 8 hours, SIMPARICA TRIO reduced the number of live ticks by  $\geq 94.2\%$  within 24 hours of infestation for 28 days.

In well-controlled laboratory studies, SIMPARICA TRIO demonstrated  $\geq 98.9\%$  effectiveness against an existing infestation of *Amblyomma maculatum*, *Ixodes scapularis*, *Rhipicephalus sanguineus*, and *Dermacentor variabilis* 48 hours post-administration and maintained  $\geq 90.4\%$  effectiveness 48 hours after re-infestation for at least 28 days. Against *Amblyomma americanum*, SIMPARICA TRIO demonstrated  $\geq 99.4\%$  effectiveness 72 hours after treatment of existing infestations, and maintained

≥98.4% effectiveness 72 hours after re-infestation for at least 28 days. In two separate, well-controlled laboratory studies, SIMPARICA TRIO was effective at preventing *Borrelia burgdorferi* infections after dogs were infested with *Ixodes scapularis* vector ticks 28 days post-treatment.

### **Intestinal Nematode Treatment and Control**

Elimination of roundworms (immature adult and adult *Toxocara canis* and adult *Toxascaris leonina*) and hookworm (L4, immature adult, and adult *Ancylostoma caninum* and adult *Uncinaria stenocephala*) was demonstrated in well-controlled laboratory studies.

In a 10-day multi-center field study, SIMPARICA TRIO was effective against *Toxocara canis* and reduced fecal egg counts 99.2%.

### **ANIMAL SAFETY**

**Margin of Safety:** SIMPARICA TRIO was administered orally to 8-week-old Beagle puppies at doses of 1, 3, and 5X the maximum labeled dose (2.4 mg/kg sarolaner, 48 µg/kg moxidectin, and 10 mg/kg pyrantel) at 28 day intervals for 7 treatments. Dogs in the control group received placebo. There were no clinically-relevant, treatment related effects on clinical observations, body weights, food consumption, clinical pathology (hematology, coagulation, serum chemistry, and urinalysis), gross pathology, histopathology, or organ weights. During the end-of-study ophthalmic examination, the following change was found: one 1X dog had retinal dysplasia (OS folds).

#### **Ivermectin-sensitive Collie Safety:**

SIMPARICA TRIO was administered orally once at 1, 3 and 5X the maximum labeled dose to Collies that had been pre-screened for avermectin sensitivity. Dogs in the control group received placebo. Clinical signs (ataxia, muscle fasciculations, mydriasis) associated with avermectin sensitivity were observed in the 5X group. All dogs were completely recovered by the third day of the study.

#### **Heartworm-Positive Safety:**

SIMPARICA TRIO was administered orally at 1 and 3X the maximum labeled dose at 28 day intervals for 3 treatments to Beagle dogs with patent adult heartworm infections and circulating microfilariae. Dogs in the control group received placebo. Diarrhea occurred more commonly in the treated dogs and also more often in the 3X group compared with the 1X group. Two dogs (1 each in 1X and 3X) developed a fever less than 24 hours after the first dose. The fever may have been a transient reaction to a rapid microfilaria reduction. Both dogs recovered without treatment.

**Field Safety:** In three well-controlled field studies, SIMPARICA TRIO was used concurrently with other medications such as vaccines, antimicrobials, anthelmintics, antiprotozoals, steroidal and non-steroidal anti-inflammatory agents, anesthetic agents and analgesics. No adverse reactions were associated with the concurrent use of SIMPARICA TRIO and other medications.

### **STORAGE CONDITIONS**

Store at or below 30°C (86°F).

## HOW SUPPLIED

SIMPARICA TRIO (sarolaner, moxidectin, and pyrantel chewable tablets) is available in six flavored tablet sizes (see **DOSAGE AND ADMINISTRATION**). Each tablet size is available in packages of one, three, or six tablets.

Approved by FDA under NADA # 141-521

**zoetis**

Distributed by:  
Zoetis Inc.  
Kalamazoo, MI 49007

Revised: January 2022

51000404

## PRINCIPAL DISPLAY PANEL - 3mg x 1 Carton

The image shows the principal display panel for Simparica TRIO. The top section is a dark red banner with the product name 'Simparica TRIO' in white, followed by '(sarolaner, moxidectin, and pyrantel chewable tablets)' in smaller white text. To the right, a yellow oval contains 'FOR DOGS 2.8-5.5 lbs'. Further right, a white circle with the number '1' is labeled 'CHEWABLE'. Below the banner, the product name 'Simparica TRIO' is in large blue font, with '(sarolaner, moxidectin, and pyrantel chewable tablets)' in smaller grey font. To the right of this text is a photo of a small tan Chihuahua dog. Above the dog, a white circle with the number '1' is labeled 'CHEWABLE'. Below the product name, a yellow oval contains 'FOR DOGS 2.8-5.5 lbs'. To the right of this oval, text reads 'FOR DOGS AND PUPPIES 8 WEEKS OF AGE AND OLDER'. Below this, five circular icons represent the treatments: Fleas, 5 types of Ticks, Heartworms, Roundworms, and Hookworms. Below the icons, the net contents are listed: 'Net Contents: 1 chewable containing 3 mg sarolaner, 0.06 mg moxidectin, and 12.5 mg pyrantel (as pamoate salt)'. At the bottom, the Zoetis logo is on the left, and a caution statement is on the right: 'CAUTION: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian. Approved by FDA under NADA # 141-521'.

**Simparica TRIO.**  
(sarolaner, moxidectin, and pyrantel chewable tablets)

FOR DOGS  
**2.8-5.5 lbs**

**1**  
CHEWABLE

**Simparica TRIO.**  
(sarolaner, moxidectin, and pyrantel chewable tablets)

FOR DOGS  
**2.8-5.5 lbs**

FOR DOGS AND PUPPIES  
8 WEEKS OF AGE AND OLDER

Fleas 5 types of Ticks Heartworms Roundworms Hookworms

Net Contents: 1 chewable containing 3 mg sarolaner, 0.06 mg moxidectin, and 12.5 mg pyrantel (as pamoate salt)

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40035119

## PRINCIPAL DISPLAY PANEL - 6mg x 1 Carton

# Simparica TRIO.

(sarolaner, moxidectin, and pyrantel  
chewable tablets)

FOR DOGS  
**5.6-11.0 lbs**

**1**  
CHEWABLE

# Simparica TRIO.

(sarolaner, moxidectin, and pyrantel  
chewable tablets)

**1**  
CHEWABLE

FOR DOGS  
**5.6-11.0 lbs**

FOR DOGS AND PUPPIES  
8 WEEKS OF AGE AND OLDER



Fleas



5 types of Ticks



Heartworms



Roundworms



Hookworms

Net Contents: 1 chewable containing 6 mg sarolaner, 0.12 mg moxidectin,  
and 25 mg pyrantel (as pamoate salt)



**zoetis**

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40035136

**PRINCIPAL DISPLAY PANEL - 12mg x 1 Carton**



**Simparica TRIO.**  
(sarolaner, moxidectin, and pyrantel  
chewable tablets)

FOR DOGS  
**11.1-22.0 lbs**

**1**  
CHEWABLE

**Simparica TRIO.**  
(sarolaner, moxidectin, and pyrantel  
chewable tablets)

**1**  
CHEWABLE

FOR DOGS  
**11.1-22.0 lbs**

FOR DOGS AND PUPPIES  
8 WEEKS OF AGE AND OLDER



Fleas



5 types of Ticks



Heartworms



Roundworms



Hookworms

Net Contents: 1 chewable containing 12 mg sarolaner, 0.24 mg moxidectin,  
and 50 mg pyrantel (as pamoate salt)



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40035120

**PRINCIPAL DISPLAY PANEL - 24mg x 1 Carton**

**Simparica TRIO.**  
(sarolaner, moxidectin, and pyrantel  
chewable tablets)

FOR DOGS  
**22.1-44.0 lbs**

**1**  
CHEWABLE

**Simparica TRIO.**  
(sarolaner, moxidectin, and pyrantel  
chewable tablets)

**1**  
CHEWABLE

FOR DOGS  
**22.1-44.0 lbs**

FOR DOGS AND PUPPIES  
8 WEEKS OF AGE AND OLDER



Fleas



5 types of Ticks



Heartworms



Roundworms



Hookworms

Net Contents: 1 chewable containing 24 mg sarolaner, 0.48 mg moxidectin,  
and 100 mg pyrantel (as pamoate salt)



**zoetis**

CAUTION: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.  
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40035121

**PRINCIPAL DISPLAY PANEL - 48mg x 1 Carton**

**Simparica TRIO.**  
(sarolaner, moxidectin, and pyrantel  
chewable tablets)

FOR DOGS  
**44.1-88.0 lbs**

**1**  
CHEWABLE

**Simparica TRIO.**  
(sarolaner, moxidectin, and pyrantel  
chewable tablets)

FOR DOGS  
**44.1-88.0 lbs**

FOR DOGS AND PUPPIES  
8 WEEKS OF AGE AND OLDER

 Fleas  
 5 types of Ticks  
 Heartworms  
 Roundworms  
 Hookworms

Net Contents: 1 chewable containing 48 mg sarolaner, 0.96 mg moxidectin,  
and 200 mg pyrantel (as pamoate salt)

**zoetis** CAUTION: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.  
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40035122

**PRINCIPAL DISPLAY PANEL - 72mg x 1 Carton**

# Simparica TRIO.

(sarolaner, moxidectin, and pyrantel chewable tablets)

FOR DOGS

**88.1-132.0 lbs**

**1**

CHEWABLE

# Simparica TRIO.

(sarolaner, moxidectin, and pyrantel chewable tablets)

**1**

CHEWABLE

FOR DOGS

**88.1-132.0 lbs**

FOR DOGS AND PUPPIES

8 WEEKS OF AGE AND OLDER

Fleas

5 types of Ticks

Heartworms

Roundworms

Hookworms

Net Contents: 1 chewable containing 72 mg sarolaner, 1.44 mg moxidectin, and 300 mg pyrantel (as pamoate salt)

CAUTION: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.  
Approved by FDA under NADA # 141-521

40035123

SIMPARICA TRIO			
sarolaner, moxidectin, and pyrantel tablet, chewable			
Product Information			
Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:54771-2667
Route of Administration	ORAL		
Active Ingredient/Active Moiety			
Ingredient Name		Basis of Strength	Strength
SAROLANER (UNII: DM113FTW7F) (SAROLANER - UNII:DM113FTW7F)		SAROLANER	3 mg
MOXIDECTIN (UNII: NGU5H31YO9) (MOXIDECTIN - UNII:NGU5H31YO9)		MOXIDECTIN	.06 mg
PYRANTEL PAMOATE (UNII: 81BK194Z5M) (PYRANTEL - UNII:4QIH0N49E7)		PYRANTEL	12.5 mg
Product Characteristics			
Color	brown (reddish brown)	Score	no score
Shape	PENTAGON (5 sided) (rounded edges)	Size	9mm
Flavor		Imprint Code	
Contains			
Packaging			

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:54771-2667-1	1 in 1 CARTON		
1		1 in 1 BLISTER PACK		
2	NDC:54771-2667-2	1 in 1 CARTON		
2		3 in 1 BLISTER PACK		
3	NDC:54771-2667-3	1 in 1 CARTON		
3		6 in 1 BLISTER PACK		

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NADA	NADA141521	03/02/2020	

## SIMPARICA TRIO

sarolaner, moxidectin, and pyrantel tablet, chewable

### Product Information

Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:54771-2684
Route of Administration	ORAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>SAROLANER</b> (UNII: DM113FTW7F) (SAROLANER - UNII:DM113FTW7F)	SAROLANER	6 mg
<b>MOXIDECTIN</b> (UNII: NGU5H31YO9) (MOXIDECTIN - UNII:NGU5H31YO9)	MOXIDECTIN	.12 mg
<b>PYRANTEL PAMOATE</b> (UNII: 81BK194Z5M) (PYRANTEL - UNII:4QIH0N49E7)	PYRANTEL	25 mg

### Product Characteristics

Color	brown (reddish brown)	Score	no score
Shape	PENTAGON (5 sided) (rounded edges)	Size	11mm
Flavor		Imprint Code	
Contains			

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:54771-2684-1	1 in 1 CARTON		
1		1 in 1 BLISTER PACK		
2	NDC:54771-2684-2	1 in 1 CARTON		
2		3 in 1 BLISTER PACK		
3	NDC:54771-2684-3	1 in 1 CARTON		
3		6 in 1 BLISTER PACK		

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NADA	NADA141521	03/02/2020	

## SIMPARICA TRIO

sarolaner, moxidectin, and pyrantel tablet, chewable

### Product Information

Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:54771-2668
Route of Administration	ORAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>SAROLANER</b> (UNII: DM113FTW7F) (SAROLANER - UNII:DM113FTW7F)	SAROLANER	12 mg
<b>MOXIDECTIN</b> (UNII: NGU5H31YO9) (MOXIDECTIN - UNII:NGU5H31YO9)	MOXIDECTIN	.24 mg
<b>PYRANTEL PAMOATE</b> (UNII: 81BK194Z5M) (PYRANTEL - UNII:4QIH0N49E7)	PYRANTEL	50 mg

### Product Characteristics

Color	brown (reddish brown)	Score	no score
Shape	PENTAGON (5 sided) (rounded edges)	Size	14mm
Flavor		Imprint Code	
Contains			

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:54771-2668-1	1 in 1 CARTON		
1		1 in 1 BLISTER PACK		
2	NDC:54771-2668-2	1 in 1 CARTON		
2		3 in 1 BLISTER PACK		
3	NDC:54771-2668-3	1 in 1 CARTON		
3		6 in 1 BLISTER PACK		

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NADA	NADA141521	03/02/2020	

## SIMPARICA TRIO

sarolaner, moxidectin, and pyrantel tablet, chewable

Product Information				
Product Type	PREScription ANIMAL DRUG	Item Code (Source)	NDC:54771-2669	
Route of Administration	ORAL			
Active Ingredient/Active Moiety				
Ingredient Name		Basis of Strength	Strength	
SAROLANER (UNII: DM113FTW7F) (SAROLANER - UNII:DM113FTW7F)		SAROLANER	24 mg	
MOXIDECTIN (UNII: NGU5H31YO9) (MOXIDECTIN - UNII:NGU5H31YO9)		MOXIDECTIN	.48 mg	
PYRANTEL PAMOATE (UNII: 81BK194Z5M) (PYRANTEL - UNII:4QIH0N49E7)		PYRANTEL	100 mg	
Product Characteristics				
Color	brown (reddish brown)	Score	no score	
Shape	PENTAGON (5 sided) (rounded edges)	Size	17mm	
Flavor		Imprint Code		
Contains				
Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:54771-2669-1	1 in 1 CARTON		
1		1 in 1 BLISTER PACK		
2	NDC:54771-2669-2	1 in 1 CARTON		
2		3 in 1 BLISTER PACK		
3	NDC:54771-2669-3	2 in 1 CARTON		
3		3 in 1 BLISTER PACK		
Marketing Information				
Marketing Category	Application Number or Monograph Citation		Marketing Start Date	Marketing End Date
NADA	NADA141521		03/02/2020	

SIMPARICA TRIO			
sarolaner, moxidectin, and pyrantel tablet, chewable			
Product Information			
Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:54771-2670
Route of Administration	ORAL		
Active Ingredient/Active Moiety			

Ingredient Name	Basis of Strength	Strength
<b>SAROLANER</b> (UNII: DM113FTW7F) (SAROLANER - UNII:DM113FTW7F)	SAROLANER	48 mg
<b>MOXIDECTIN</b> (UNII: NGU5H31YO9) (MOXIDECTIN - UNII:NGU5H31YO9)	MOXIDECTIN	.96 mg
<b>PYRANTEL PAMOATE</b> (UNII: 81BK194Z5M) (PYRANTEL - UNII:4QIH0N49E7)	PYRANTEL	200 mg

### Product Characteristics

<b>Color</b>	brown (reddish brown)	<b>Score</b>	no score
<b>Shape</b>	PENTAGON (5 sided) (rounded edges)	<b>Size</b>	20mm
<b>Flavor</b>		<b>Imprint Code</b>	
<b>Contains</b>			

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:54771-2670-1	1 in 1 CARTON		
1		1 in 1 BLISTER PACK		
2	NDC:54771-2670-2	1 in 1 CARTON		
2		3 in 1 BLISTER PACK		
3	NDC:54771-2670-3	2 in 1 CARTON		
3		3 in 1 BLISTER PACK		

### Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NADA	NADA141521	03/02/2020	

## SIMPARICA TRIO

sarolaner, moxidectin, and pyrantel tablet, chewable

### Product Information

<b>Product Type</b>	PRESCRIPTION ANIMAL DRUG	<b>Item Code (Source)</b>	NDC:54771-2671
<b>Route of Administration</b>	ORAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>SAROLANER</b> (UNII: DM113FTW7F) (SAROLANER - UNII:DM113FTW7F)	SAROLANER	72 mg
<b>MOXIDECTIN</b> (UNII: NGU5H31YO9) (MOXIDECTIN - UNII:NGU5H31YO9)	MOXIDECTIN	1.44 mg
<b>PYRANTEL PAMOATE</b> (UNII: 81BK194Z5M) (PYRANTEL - UNII:4QIH0N49E7)	PYRANTEL	300 mg

### Product Characteristics

<b>Color</b>	brown (reddish brown)	<b>Score</b>	no score
<b>Shape</b>	PENTAGON (5 sided) (rounded edges)	<b>Size</b>	24mm

Flavor		Imprint Code		
Contains				
Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:54771-2671-1	1 in 1 CARTON		
1		1 in 1 BLISTER PACK		
2	NDC:54771-2671-2	1 in 1 CARTON		
2		3 in 1 BLISTER PACK		
3	NDC:54771-2671-3	2 in 1 CARTON		
3		3 in 1 BLISTER PACK		
Marketing Information				
Marketing Category	Application Number or Monograph Citation		Marketing Start Date	Marketing End Date
NADA	NADA141521		03/02/2020	

**Labeler -** Zoetis Inc. (828851555)