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

**DESCRIPTION**
Novox<sup>®</sup> (carprofen) is a non-steroidal anti-inflammatory drug (NSAI<sub>D</sub>) of the proic acid class that includes ibuprofen, naproxen, and ketoprofen. The chemical name for carprofen, a substituted carbazole, is 6-chloro-alpha-methyl-9H-carbazol-3-yl-acetic acid. The empirical formula is C<sub>19</sub>H<sub>17</sub>ClNO<sub>2</sub> and the molecular weight is 273.2. The chemical structure of carprofen is shown above.

Carprofen is a white, crystalline compound. It is freely soluble in ethyl alcohol, but practically insoluble in water at 25°C.

**CLINICAL PHARMACOLOGY**
Carprofen is a non-narcotic, non-steroidal anti-inflammatory agent with characteristic analgesic and antipyretic activity equivalent to indomethacin in animal models.<sup>1</sup>

The mechanism of action of carprofen, like that of other NSAIDs, is believed to be associated with the inhibition of cyclooxygenase activity. Two unique cyclooxygenase-inhibitors have been described in mammals.<sup>1</sup> The cyclooxygenase-COX-2 is expressed in synovial cells in response to inflammation. COX-1 is responsible for maintaining cells associated with the inflammatory process. The production of prostaglandins (PGs) is transient and may not be present in quiescent cells. The COX enzyme is expressed in other normal tissues, e.g., the brain, and controls the production of endogenous prostaglandins.
Tell your veterinarian about:

• Any other medical problems or allergies that your dog has now or has had.
• All medicines that you are giving your dog or plan to give your dog, including those you can get without a prescription.
• If your dog is pregnant, nursing or if you plan to breed your dog.

What are the possible side effects that may occur in my dog during Novox® therapy?

Novox®, like other drugs, may cause some side effects. Serious but rare side effects have been reported in dogs taking NSAIDs, including Novox®. Serious side effects can occur with or without warning and in rare situations result in death.

The most common NSAID-related side effects generally involve the stomach (such as bleeding ulcers), and liver or kidney problems. Look for the following side effects that can indicate your dog may be having a problem with Novox® or may have another medical problem:

• Decrease or increase in appetite
• Vomiting
• Change in bowel movements (such as diarrhea, or black, tarry or bloody stools)
• Change in behavior (such as decreased or increased activity level, incoordination, seizure or aggression)
• Yellowing of gums, skin, or whites of the eyes (jaundice)
• Change in drinking habits (frequency, amount consumed)
• Change in urination habits (frequency, color, or smell)
• Change in skin (redness, scabs, or scratching)

It is important to stop therapy and contact your veterinarian immediately if you think your dog has a medical problem or side effect from Novox® therapy. If you have additional questions about possible side effects, talk to your veterinarian.

Can Novox® be given with other medicines?

Novox® should not be given with other NSAIDs (for example, aspirin, deracoxib, etodolac, firocoxib, meloxicam, tepoxalin) or steroids (for example, cortisone, dexamethasone, prednisone, triamcinolone).

Tell your veterinarian about all medicines you have given your dog in the past, and any medicines that you are planning to give with Novox®. This should include other medicines that you can get without a prescription. Your veterinarian may want to check that all of your dog's medicines can be given together.

What do I do in case my dog eats more than the prescribed amount of Novox®?

Contact your veterinarian immediately if your dog eats more than the prescribed amount of Novox®.

What else should I know about Novox®?

This page provides a summary of information about Novox®. If you have any questions or concerns about Novox® or osteoarthritis pain, talk to your veterinarian.

As with all prescribed medicines, Novox® should only be given to the dog for which it was prescribed. It should be given to your dog only for the condition for which it was prescribed.

It is important to periodically discuss your dog's response to Novox® at regular checkups. Your veterinarian will best determine if your dog is responding as expected and if your dog should continue receiving Novox®.

To report a suspected adverse reaction call VEDCO, Inc. at 1-888-708-3326. Rev. 09/2008

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significant. The mean post-treatment serum ALT values were 7.3 IU and 2.5 IU less than pre-treatment values for dogs receiving carprofen capsules and placebo, respectively. The mean post-treatment AST values were 3.1 IU less for dogs receiving carprofen and 0.2 IU greater for dogs receiving placebo.

INFORMATION FOR DOG OWNERS

Carprofen, like other drugs of its class, is not free from adverse reactions. 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 decreased appetite, vomiting, diarrhea, dark or tarry stools, increased water consumption, increased urination, pale gums due to anemia, yellowing of gums, skin or white of the eye due to jaundice, ketony, incoordination, seizure, or behavioral changes.

Serious adverse reactions associated with this drug class can occur without warning and in rare situations result in death (see Adverse Reactions). Owners should be advised to discontinue carprofen therapy and contact their veterinarian immediately if signs of intolerance are observed.

The vast majority of patients with drug related adverse reactions have recovered when the signs are recognized, the drug is withdrawn, and veterinary care, if appropriate, is initiated. Owners should be advised of the importance of periodic follow up for all dogs during administration of any NSAID.

STORAGE

Store caplets at controlled room temperature 15°-30°C (59°-86°F).

HOW SUPPLIED

Novox® Capsules 25 mg – Each light orange, convex tablet debossed with “33” on one side and bisected on the other side with “33” on the left and “11” on the right of the bisect.

Bottles of 60 .................................. NDC 50989-740-50
Bottles of 100 ................................... NDC 50989-740-51
Bottles of 180 ...................................... NDC 50989-740-84

Novox® Capsules 10 mg – Each light orange, convex tablet debossed with “33” on one side and bisected on the other side with “33” on the left and “11” on the right of the bisect.

Bottles of 60 .................................. NDC 50989-741-50
Bottles of 100 ................................... NDC 50989-741-84

Novox® Tablets 25 mg – Each light orange, convex tablet debossed with “33” on one side and bisected on the other side with “33” on the left and “11” on the right of the bisect.

Bottles of 60 .................................. NDC 50989-742-50
Bottles of 100 ................................... NDC 50989-742-84

REFERENCES


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