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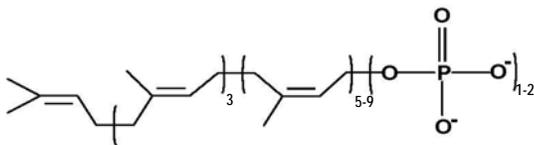
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Efficacy and potency test studies are in progress

## POLYPRENYL IMMUNOSTIMULANT

### PRODUCT DESCRIPTION

Polyprenyl Immunostimulant is a 2 mg/ml solution of phosphorylated polyprenols of the following structure:



where 3 = number of isoprene units in *trans*-, 5-9 = number of isoprene units in *cis* - configurations; 1-2 = number of phosphoric anions

### INDICATIONS

The product is an aid in reduction of clinical signs resulting from Feline Rhinotracheitis Virus infection in cats 8 weeks of age or older.

### DOSAGE AND ADMINISTRATION

Polyprenyl Immunostimulant is administered orally; a single dose equals 0.5 mg/kg. Two oral doses of Polyprenyl Immunostimulant should be administered daily for 15 days.

### EFFICACY IN RHINOTRACHEITIS

Twenty 6 to 10 week old, specific pathogen free cats of both sexes enrolled into placebo-controlled, randomized, double-blinded virus challenge study. The cats were challenged with feline rhinotracheitis virus. Ten randomly selected animals (experimental group) received 0.5mg/kg of Polyprenyl Immunostimulant orally twice daily on days 0 through 14 days post-challenge (DPC); other ten cats (placebo group) received equal amount of placebo solution. The cats were examined for clinical signs daily for 21 DPC, and clinical scores were recorded daily. All cats enrolled in the study tolerated the administration well, no adverse effects were noted. No toxicity was observed with the substance.

All cats in the study developed signs of rhinotracheitis at some time of the experiment. Distributions of clinical scores for different signs were initially analyzed for normality, and the normal distributions were then compared using an unpaired Student t-test.

Persistence of the disease signs in the experimental group (treated with Polyprenyl Immunostimulant) did not exceed 7 days when, whereas 5 of 10 untreated animals (placebo group) had the signs persist for 8-11 days with one animal having very mild signs over the course of the study (21 day).

### SAFETY

In the toxicity test with the administration of 5 mg/kg (10x experimental) dose of Polyprenyl Immunostimulant to five cats no signs of systemic illness were noted. All cats tolerated the administration well, were normal on physical examination next day. Safety studies in 390 cats showed that oral application of 0.5 mg/kg Polyprenyl Immunostimulant twice daily for 15 days is safe for cats at or above 8 weeks of age. Fewer than 2% of cats may dislike the taste or develop diarrhea.

### SHIPPING AND STORAGE

Polyprenyl Immunostimulant is shipped in individual vials of 10 ml or in packages of 6 vials. Polyprenyl Immunostimulant is stable for at least 12 months. Should be stored in dark place at 12 – 30 °C. Should not be refrigerated.

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Helping the body fight disease™