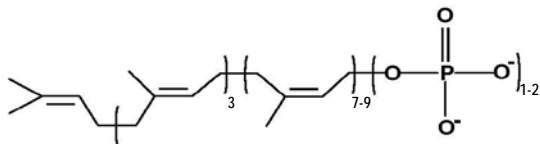


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Potency test studies are in progress

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*-, 7-9 = number of isoprene units in *cis* - configurations; 1-2 = number of phosphoric anions

The solution contains amphotericin as a preservative.

INDICATIONS

The product is an aid in reduction of severity of clinical signs resulting from feline herpesvirus infection in cats 8 weeks of age or older.

DOSAGE AND ADMINISTRATION

Polyprenyl Immunostimulant is administered orally; a single dose equals 0.25 ml/kg. Two oral doses of Polyprenyl Immunostimulant should be administered daily for 15 days.

EFFICACY IN FELINE HERPESVIRUS INFECTION (RHINOTRACHEITIS)

Forty 10 to 11 week old, specific pathogen-free cats of both sexes were enrolled into placebo-controlled, randomized, double-blinded virus challenge study. The cats were challenged with feline herpesvirus (FeHV-1; rhinotracheitis virus strain SGE). Twenty randomly selected animals (experimental group) received 0.25 ml/kg (0.5mg/kg) of Polyprenyl Immunostimulant orally twice daily on days 0 through 14 days post-challenge (DPC); the other twenty cats (placebo group) received equal amount of placebo solution. The cats were examined for clinical signs daily for 15 DPC, and clinical scores were recorded. 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 disease-defining signs of rhinotracheitis, e.g. rhinitis and conjunctivitis. The severity of the disease was evaluated using clinical scores for each animal, where 0 denotes a lack of sign, 1 - moderate severity, serous discharge, and 2 - high severity, mucopurulent discharge. The animals in the experimental group, treated with Polyprenyl Immunostimulant exhibited significantly lower severity of signs (CI 0.05). Polyprenyl Immunostimulant has adequately demonstrated the ability to reduce the severity of clinical signs in cats 8 weeks of age or older resulting from disease caused by feline herpesvirus.

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 at temperatures 1 – 30 °C. Refrigeration after opening is recommended. Must not be frozen: freezing and thawing may cause precipitation of the product from the solution.



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Helping the body fight disease™

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