

**GS-441524 INJECTION(15mg/ml)**

**1.Generic Name**

GS-441524 Injection

**2.Active Ingredients**

GS-441524.....	90mg
Ethanol .....	237mg
Propylene glycol.....	1872mg
PEG.....	3051mg
Dilute hydrochloric acid.....	1260mg

**3.Indications**

It is indicated for the treatment of Feline Infectious Peritonitis (FIP). FIP is a viral disease caused by feline coronavirus (FCoV) that affects cats, leading to a severe and often fatal inflammation of the abdominal membranes.

**4. Dosage and Administration**

The recommended dosage of Treatfip.org™ GS-441524 INJECTION for the treatment of Feline Infectious

Peritonitis (FIP) in cats is as follows:

For Wet FIP: Start with 0.4 ml/kg every 24 hours. For severe and advanced cases, increase to 0.5 ml/kg.

For Dry FIP: Start with 0.6 ml/kg every 24 hours. For severe and advanced cases, increase to 0.7 ml/kg.

For Ocular FIP: Start with 0.7 ml/kg every 24 hours. For severe and advanced cases, increase to 0.8 ml/kg.

For Neurological FIP: Start with 0.8 ml/kg every 24 hours. In severe and advanced cases, increase to 1.0 ml/kg.

### **Method of administration**

For subcutaneous administration, lift a fold of skin on the scruff of the cat's neck, insert the needle at a 45-degree angle, and inject the prescribed dosage of Injection slowly. Rotate injection sites and monitor for adverse reactions as per veterinarian instructions.

### **5. Contraindications**

Hypersensitivity to GS-441524 or any of its components.

### **6. Precautions**

Local reactions: Redness, swelling, pain, or warmth at the injection site.

Allergic reactions: Rash, hives, shortness of breath, or other allergic symptoms.

Gastrointestinal discomfort: Nausea, vomiting, or diarrhea.

## **7. Use in Pregnancy and Lactation**

Pregnant and lactating individuals should consult with your veterinary before using GS-441524 Injection.

Use of GS-441524 Injection during pregnancy or lactation should be based on a careful assessment of potential risks and benefits.

## **8. Drug Interactions**

lysine may potentially impact the effectiveness of GS-441524. Never be given lysine, as it is antagonistic to arginine, which is essential for immune function.

The injection solution of GS-441524 contains ethanol, which may potentially lead to a disulfiram-like reaction when administered concomitantly with cephalosporin-class drugs. Therefore, concurrent administration of

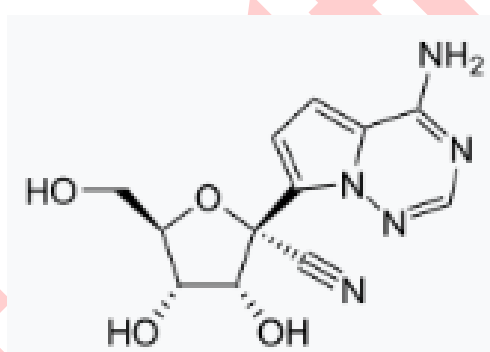
cephalosporin-class drugs is not recommended when injecting GS-441524.

## 9. Description

GS-441524, as a FIPV nucleotide analog RNA polymerase inhibitor, its chemical name is (5aR,6aR,7R,9S)-9-(2,3-dihydroxypropyl)-7-methyl-2-(trifluoromethyl)-7,8,9,10-tetrahydro-6H-pyrido[4,3,2-de]phthalazin-6-one. It has a molecular formula of

C<sub>12</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub> and a molecular weight of 291.26

g/mol. GS-441524 has the following structural formula:



## 10. Storage

Store protected from moisture at a temperature not exceeding 30 °C. Do not freeze. Keep out of reach of children.

## **11. Release Date**

The last update or release date of the medication information sheet:

DEC 2021.

English Version

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