

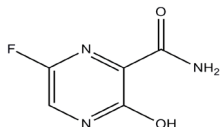
## Product: T-705 (Favipiravir)

**ALTERNATE NAME:** 6-Fluoro-3-hydroxy-2-pyrazinecarboxamide; Avigan

**CATALOG #:** 2778-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>5</sub>H<sub>4</sub>FN<sub>3</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 157.10

**CAS NUMBER:** 259793-96-9

**APPEARANCE:** Light yellow to yellow solid

**SOLUBILITY:** DMSO (>15 mg/ml)

**PURITY:** ≥98%

**STORAGE:** Store at -20° C. Protect from air and light

**DESCRIPTION:** T-705 (Favipiravir) is an antiviral drug that selectively inhibits the RNA-dependent RNA polymerase of influenza virus. It is phosphoribosylated by cellular enzymes to its active form, favipiravir-ribofuranosyl-5'-triphosphate (RTP). Favipiravir is active against a broad range of influenza viruses, including A(H1N1)pdm09, A(H5N1) and the recently emerged A(H7N9) avian virus. It also inhibits influenza strains resistant to current antiviral drugs, and shows a synergistic effect in combination with oseltamivir, thereby expanding influenza treatment options. Recently, T-705 has been shown to give 100% protection against aerosol Ebola virus E718 infection in immune-deficient mice as well as inhibiting Ebola virus infection in cell culture. licensed antiparasitic drug that inhibits importin alpha/beta169 mediated nuclear import. It has been shown to inhibit SARS-CoV-2 *in vitro*.

**REFERENCE:** Smither, S.J., *et al.* (2014). *Antiviral Res.* **104**, 153-155.

**HANDLING:**

10/14

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Acyclovir (Cat. No. 2200-50, 250)

5-Azacytidine (Cat. No. 1854-50, 250)

Clemizole (Cat. No. 2481-10,50)

GSK1349572 (Cat. No. 2288-5, 25)

Ribavirin (Cat. No. 2199-10, 50)

Valacyclovir hydrochloride (Cat. No. 2201-10, 50)

**FOR RESEARCH USE ONLY! Not to be used on humans.**

