

**DATA SHEET**

**Product Name:** T-705 (Favipiravir)

**Catalog #:** CV-1103

**Alt:** CAS # 259793-96-9; 6-Fluoro-3-hydroxy-2-pyrazinecarboxamide; Avigan

**Molecular Mass:** 157.10

**Analysis:** ≥98%

**Supplied As:** Light yellow to yellow solid

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

**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.

**References:** 1. Smither, S.J., et al. (2014). Antiviral Res. 104, 153-155.

***For research use only. Not for use in humans.***