

**Product Name** : Favipiravir

**Synonyms** : T 705

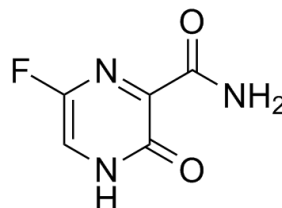
**Cat No.** : M13785

**CAS Number** : 259793-96-9

**Molecular Formula** : C<sub>5</sub>H<sub>4</sub>FN<sub>3</sub>O<sub>2</sub>

**Formula Weight** : 157.10

**Chemical Name** : 6-fluoro-3-hydroxy-2-pyrazinecarboxamide



**Description** : Favipiravir (T705) is a pyrazinecarboxamide derivative that is active against influenza viruses, West Nile virus, yellow fever virus, foot-and-mouth disease virus as well as other flaviviruses, arenaviruses, bunyaviruses and alphaviruses; shows potent inhibitory activity against influenza A, B, and C viruses, with IC<sub>50</sub>s of 0.013 to 0.48 ug/ml. Influenza Approved

**Pathway** : Microbiology/Virology

**Target** : Influenza Virus

**Receptor** : RNA-dependent RNA polymerase

**Solubility** : DMSO: 29 mg/mL (184.6 mM); Ethanol: 12 mg/mL (76.4 mM); Water: 5 mg/mL (31.82 mM), warned ( < 1 mg/ml refers to the product slightly soluble or insoluble )

**SMILES** : O=C(C1=NC(F)=CN=C1O)N

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Furuta Y, et al. Antimicrob Agents Chemother. 2002 Apr;46(4):977-81. | 2. Furuta Y, et al. Antimicrob Agents Chemother. 2005 Mar;49(3):981-6. | 3. Furuta Y, et al. Antiviral Res. 2009 Jun;82(3):95-102.