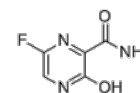


**Product Name** : Favipiravir  
**Cat. No.** : PC-62055  
**CAS No.** : 259793-96-9  
**Molecular Formula** : C<sub>5</sub>H<sub>4</sub>FN<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 157.1  
**Target** : Influenza Virus  
**Solubility** : 10 mM in DMSO



### Biological Activity

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.

Favipiravir 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.

### References

Furuta Y, et al. **Antimicrob Agents Chemother.** 2002 Apr;46(4):977-81.

Furuta Y, et al. **Antimicrob Agents Chemother.** 2005 Mar;49(3):981-6.

Furuta Y, et al. **Antiviral Res.** 2009 Jun;82(3):95-102.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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