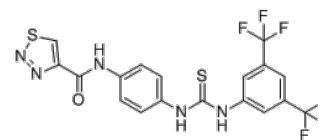


**Product Name** : CFI02  
**Cat. No.** : PC-35123  
**CAS No.** : 273735-28-7  
**Molecular Formula** : C<sub>18</sub>H<sub>11</sub>F<sub>6</sub>N<sub>5</sub>OS<sub>2</sub>  
**Molecular Weight** : 491.43  
**Target** : CMV  
**Solubility** : 10 mM in DMSO



## Biological Activity

CFI02 (CFI-02) is a specific inhibitor of human cytomegalovirus (**HCMV**) glycoprotein B-mediated fusion with IC<sub>50</sub> of 40 nM against laboratory adapted HCMV strain AD169.

CFI02 reduces HCMV yield by >3 logs at 1 uM, and shows no inhibitory activity against closely related betaherpesviruses (including MCMV, simian CMV, and RCMV) (IC<sub>50</sub>>20 uM) as well as cytotoxic effect (CC<sub>50</sub>>50 uM).

## References

Jones TR, et al. *J Virol.* 2004 Feb;78(3):1289-300.

Bloom JD, et al. *Bioorg Med Chem Lett.* 2003 Sep 1;13(17):2929-32.

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

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