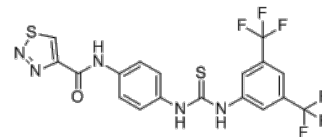


Product Name : CFI02
Cat. No. : PC-35123
CAS No. : 273735-28-7
Molecular Formula : C₁₈H₁₁F₆N₅OS₂
Molecular Weight : 491.43
Target : CMV
Solubility :



Biological Activity

CFI02 (CFI-02) is a specific inhibitor of human cytomegalovirus (**HCMV**) glycoprotein B-mediated fusion with IC₅₀ of 40 nM against laboratory adapted HCMV strain AD169; reduces HCMV yield by >3 logs at 1 uM, and shows no inhibitory activity against closely related betaherpesviruses (including MCMV, simian CMV, and RCMV) (IC₅₀>20 uM) as well as cytotoxic effect (CC₅₀>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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