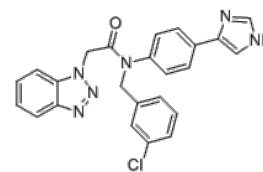


**Product Name** : CCF0058981  
**Cat. No.** : PC-72198  
**CAS No.** : 2708934-53-4  
**Molecular Formula** : C<sub>24</sub>H<sub>19</sub>ClN<sub>6</sub>O  
**Molecular Weight** : 442.907  
**Target** : SARS-CoV-2 Inhibitors  
**Solubility** : 10 mM in DMSO



### Biological Activity

CCF0058981 (CCF981) is a potent, selective, noncovalent inhibitor of the SARS-CoV-1/SARS-CoV-2 3CL protease (**3CLpro**) with IC<sub>50</sub> of 19 and 68 nM, respectively.

CCF0058981 (CCF981) demonstrated antiviral efficacy against infectious SARS-CoV-2 virus in Vero E6 cells with EC<sub>50</sub> of 0.497 and 0.558 μM in CPE inhibition assay and plaque reduction assay, respectively, with CC<sub>50</sub>>50 μM, which is comparable in potency to remdesivir.

### References

Sang Hoon Han, et al. *J Med Chem.* 2021 Aug 4;acs.jmedchem.1c00598.

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

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