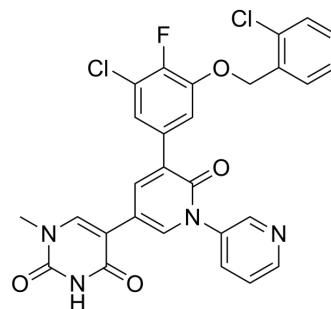


## SARS-CoV-2 Mpro-IN-14

Cat. No.:	HY-163211
CAS No.:	2679814-93-6
Molecular Formula:	C <sub>28</sub> H <sub>19</sub> Cl <sub>2</sub> FN <sub>4</sub> O <sub>4</sub>
Molecular Weight:	565.38
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	SARS-CoV-2 Mpro-IN-14 (Compound 19) is an inhibitor of SARS-CoV-2 Mpro with an IC <sub>50</sub> of 0.044 μM. SARS-CoV-2 Mpro-IN-14 exhibits water solubility, has no cytotoxicity, and can be used in the study of COVID-19 <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.044 μM (SARS-CoV-2 Mpro) <sup>[1]</sup>

### REFERENCES

[1]. Zhang CH, et al. Optimization of Triarylpyridinone Inhibitors of the Main Protease of SARS-CoV-2 to Low-Nanomolar Antiviral Potency. ACS Med Chem Lett. 2021 Jul 14;12(8):1325-1332.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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