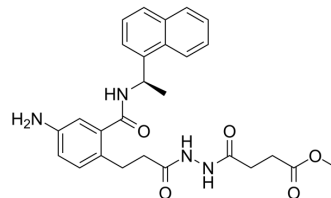


## SARS-CoV-2-IN-24

Cat. No.:	HY-150783
Molecular Formula:	C <sub>27</sub> H <sub>30</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	490.55
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	SARS-CoV-2-IN-24 (compound 7) is a potent papain-like protease (PL <sup>pro</sup> ) inhibitor. SARS-CoV-2-IN-24 induces conformational changes in SARS-COV-2 papain-like protease, inhibiting SARS-CoV-2 replication. SARS-CoV-2-IN-24 can be used for SARS-CoV-2 research <sup>[1]</sup> .
<b>In Vitro</b>	SARS-CoV-2-IN-24 (compound 7) induces conformational changes mainly in BL2' region and increases the activity against PL <sup>pro</sup> <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ferreira GM, et, al. Inhibitor induced conformational changes in SARS-COV-2 papain-like protease. Sci Rep. 2022 Jul 8;12(1):11585.

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

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