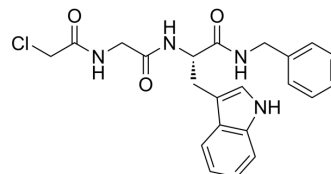


## SARS-CoV-2 3CLpro-IN-22

<b>Cat. No.:</b>	HY-157477
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>23</sub> ClN <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	426.9
<b>Target:</b>	SARS-CoV; Cathepsin
<b>Pathway:</b>	Anti-infection; Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	SARS-CoV-2 3CLpro-IN-22 (Compound 17) is a cathepsin L (CTSL) inhibitor with an IC <sub>50</sub> value of 32.5 nM. SARS-CoV-2 3CLpro-IN-22 can be used for the study of SARS-CoV-2 virus <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 32.5 nM (cathepsin) <sup>[1]</sup> .

### REFERENCES

[1]. Ciaglia T, et al. Peptidomimetics as potent dual SARS-CoV-2 cathepsin-L and main protease inhibitors: In silico design, synthesis and pharmacological characterization[J]. European Journal of Medicinal Chemistry, 2024: 116128.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA