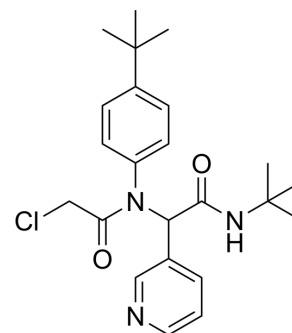


## SARS-CoV-2-IN-75

Cat. No.:	HY-162154
CAS No.:	2738323-08-3
Molecular Formula:	C <sub>23</sub> H <sub>30</sub> ClN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	415.96
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-IN-75 (compound 13) is a SARS-CoV-2 inhibitor based on chloroacetamide inhibition. SARS-CoV-2-IN-75 inhibits cellular SARS-CoV-2 replication with an EC <sub>68</sub> (half-log reduction in viral titer) of 3 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>68</sub> : 3 μM (SARS-CoV-2) <sup>[1]</sup>

### REFERENCES

[1]. Ashraf-Uz-Zaman M, et al. Design, Synthesis, X-ray Crystallography, and Biological Activities of Covalent, Non-Peptidic Inhibitors of SARS-CoV-2 Main Protease. ACS Infect Dis. 2024 Jan 8.

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

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