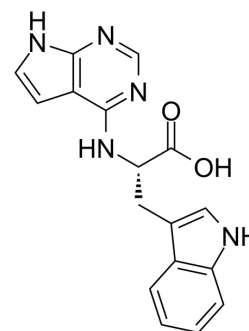


## SARS-CoV-2 nsp3-IN-1

Cat. No.:	HY-150062
CAS No.:	2892105-43-8
Molecular Formula:	C <sub>17</sub> H <sub>15</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	321.33
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 nsp3-IN-1 (Compound 15c) is a Mac1 (SARS-CoV-2 nsp3 macrodomain) inhibitor with the IC<sub>50</sub> value of 6.1 μM. SARS-CoV-2 nsp3-IN-1 can inhibit Mac1 ADP-ribosylhydrolase activity. SARS-CoV-2 nsp3-IN-1 demonstrates notable selectivity for coronavirus macrodomains, especially towards SARS-CoV-2 Mac1<sup>[1]</sup>.

### REFERENCES

[1]. Lavinia M Sherrill, et al. Design, Synthesis and Evaluation of Inhibitors of the SARS-CoV2 nsp3 Macrodomain. bioRxiv. 2022 Feb 28:2022.02.27.482176.

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

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