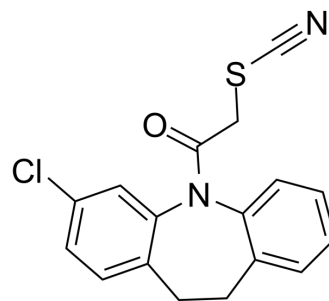


## SARS-CoV-2 3CLpro-IN-18

Cat. No.:	HY-155981
CAS No.:	3032604-29-5
Molecular Formula:	C <sub>17</sub> H <sub>13</sub> ClN <sub>2</sub> OS
Molecular Weight:	328.82
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 3CLpro-IN-18 (Compound 3C) is a covalent SARS-CoV-2 3CLpro inhibitor (IC <sub>50</sub> s: 0.478 μM). SARS-CoV-2 3CLpro-IN-18 inhibits SARS-CoV-2 in Vero E6 cells (EC <sub>50</sub> = 2.499 μM) with low cytotoxicity (CC <sub>50</sub> > 200 μM) <sup>[1]</sup> .
IC <sub>50</sub> & Target	0.478 μM (SARS-CoV-2 3CLpro) <sup>[1]</sup>

### REFERENCES

[1]. Ren P, et al. Discovery and Mechanism Study of SARS-CoV-2 3C-like Protease Inhibitors with a New Reactive Group. J Med Chem. 2023 Aug 18.

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

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