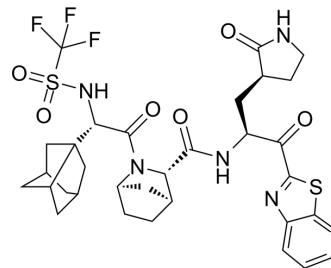


## SARS-CoV-2 3CLpro-IN-14

Cat. No.:	HY-155540
CAS No.:	2945139-50-2
Molecular Formula:	C <sub>34</sub> H <sub>40</sub> F <sub>3</sub> N <sub>5</sub> O <sub>6</sub> S <sub>2</sub>
Molecular Weight:	735.84
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-14 (compound 11j) is an orally active SARS-CoV-2 3CLpro inhibitor. SARS-CoV-2 3CLpro-IN-14 shows significant anti-SARS-CoV-2 activity (EC <sub>50</sub> = 0.18 μM) and low cytotoxicity (CC <sub>50</sub> > 50 μM) in Vero E6 cells <sup>[1]</sup> .
IC <sub>50</sub> & Target	SARS-CoV-2 <sup>[1]</sup>

### REFERENCES

[1]. Yang H, et al. Design, synthesis and biological evaluation of peptidomimetic benzothiazolyl ketones as 3CLpro inhibitors against SARS-CoV-2. Eur J Med Chem. 2023 Sep 5;257:115512.

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

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