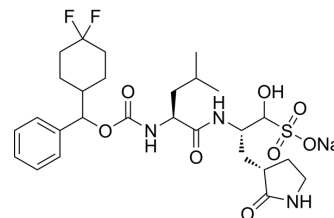


## SARS-CoV-2-IN-11

Cat. No.:	HY-145277
CAS No.:	2722635-28-9
Molecular Formula:	C <sub>27</sub> H <sub>38</sub> F <sub>2</sub> N <sub>3</sub> NaO <sub>8</sub> S
Molecular Weight:	625.66
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-11 is a potent and nontoxic inhibitor of SARS-CoV-2 3CL protease (3CLpro) with an IC <sub>50</sub> and EC <sub>50</sub> of 0.17 and 1.45 nM, respectively. SARS-CoV-2 3C-like protease (3CLpro), an enzyme essential for viral replication, is an attractive target for intervention. SARS-CoV-2-IN-11 may lead to the emergence of effective SARS-CoV-2-specific antivirals <sup>[1]</sup> .
IC <sub>50</sub> & Target	SARS-CoV-2 3C-like protease <sup>[1]</sup>

### REFERENCES

[1]. Dampalla CS, et al. Structure-Guided Design of Potent Inhibitors of SARS-CoV-2 3CL Protease: Structural, Biochemical, and Cell-Based Studies. *J Med Chem.* 2021;64(24):17846-17865.

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

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