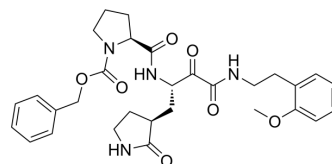


## SARS-CoV-2/MERS Mpro-IN-1

Cat. No.:	HY-151990
Molecular Formula:	C <sub>30</sub> H <sub>36</sub> N <sub>4</sub> O <sub>7</sub>
Molecular Weight:	564.63
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/MERS Mpro-IN-1 (compound 9c) is a potent SARS-CoV-2 and MERS main protease inhibitor with IC <sub>50</sub> values of 0.10, 0.06 μM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.10 μM (SARS-CoV-2); 0.06 μM (MERS) <sup>[1]</sup>

### REFERENCES

[1]. Pelliccia S, et al. Easy access to α-ketoamides as SARS-CoV-2 and MERS Mpro inhibitors via the PADAM oxidation route. *Eur J Med Chem.* 2022 Dec 15;244:114853.

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

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