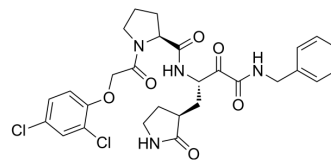


SARS-CoV-2/MERS Mpro-IN-2

Cat. No.:	HY-151991
Molecular Formula:	C ₂₈ H ₃₀ Cl ₂ N ₄ O ₆
Molecular Weight:	589.47
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-2 (compound 9d) is a potent SARS-CoV-2 and MERS main protease inhibitor with IC ₅₀ values of 0.21, 0.07 μM, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.21 μM (SARS-CoV-2); 0.07 μM (MERS) ^[1]

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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