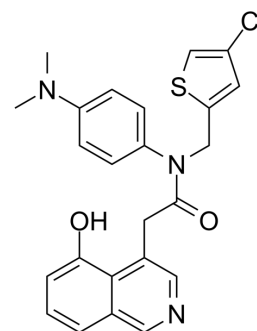


SARS-CoV-2 3CLpro-IN-19

Cat. No.:	HY-155186
Molecular Formula:	C ₂₄ H ₂₂ ClN ₃ O ₂ S
Molecular Weight:	451.97
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-19 (Compound C5a) is a non-covalent, non-peptide SARS-CoV-2 3CLpro inhibitor (IC ₅₀ : 0.7 μM). SARS-CoV-2 3CLpro-IN-19 has broad-spectrum activity against Omicron subvariants (BA.5, BQ.1.1, and XBB.1.5) infection in human cells, with EC ₅₀ values between 30-69 nM ^[1] .
IC ₅₀ & Target	0.7 μM (SARS-CoV-2 3CLpro) ^[1]

REFERENCES

[1]. Pérez-Vargas J, et al. A novel class of broad-spectrum active-site-directed 3C-like protease inhibitors with nanomolar antiviral activity against highly immune-evasive SARS-CoV-2 Omicron subvariants. *Emerg Microbes Infect.* 2023 Dec;12(2):2246594.

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

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