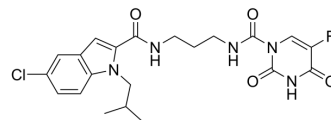


SARS-CoV-2-IN-58

Cat. No.:	HY-156008
Molecular Formula:	C ₂₁ H ₂₃ ClFN ₅ O ₄
Molecular Weight:	463.89
Target:	SARS-CoV; Virus Protease
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SARS-CoV-2-IN-58 (Compound 21H) is an antiviral agent against SARS-CoV-2 (EC ₅₀ : 18 μM). SARS-CoV-2-IN-58 inhibits SARS-CoV-2 M ^{pro} with an IC ₅₀ of 0.35 μM ^[1] .
IC ₅₀ & Target	0.35 μM (M ^{pro}) ^[1]

REFERENCES

[1]. Kang KM, et al. Discovery of antiviral SARS-CoV-2 main protease inhibitors by structure-guided hit-to-lead optimization of carmofur. Eur J Med Chem. 2023 Nov 15;260:115720.

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

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