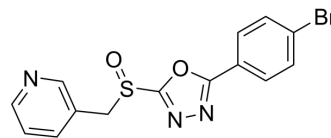


SARS-CoV-2 3CLpro-IN-21

Cat. No.:	HY-156007
Molecular Formula:	C ₁₄ H ₁₀ BrN ₃ O ₂ S
Molecular Weight:	364.22
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 3CLpro-IN-21 (Compound D6) irreversibly and covalently inhibits SARS-CoV-2 3CL ^{pro} with an IC ₅₀ of 0.03 μM. SARS-CoV-2 3CLpro-IN-21 also inhibits SARS-CoV-13CL ^{pro} with an IC ₅₀ of 0.12 μM ^[1] .
IC ₅₀ & Target	0.03 μM (3CL ^{pro}) ^[1]

REFERENCES

[1]. Zhang FM, et al. Discovery of highly potent covalent SARS-CoV-2 3CLpro inhibitors bearing 2-sulfoxy-1,3,4-oxadiazole scaffold for combating COVID-19. Eur J Med Chem. 2023 Nov 15;260:115721.

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

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