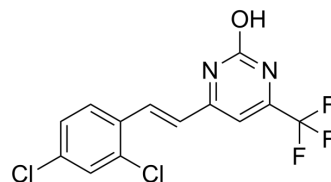


SARS-CoV-2-IN-60

Cat. No.:	HY-155280
Molecular Formula:	C ₁₃ H ₇ Cl ₂ F ₃ N ₂ O
Molecular Weight:	335.11
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-IN-60 (compound 5a) is an S-adenosylmethionine (SAM)-competitive and irreversible SARS-CoV-2 nsp16-nsp10 methyltransferase activity inhibitor with an IC₅₀ of 9 μM and a K_i of 26 μM. SARS-CoV-2-IN-60 can specifically occupy a newly identified pocket adjacent to the SAM-binding site on nsp16. SARS-CoV-2-IN-60 has the potential for pan-coronavirus therapeutics^[1].

REFERENCES

[1]. Nicole L Inniss, et al. Discovery of a Druggable, Cryptic Pocket in SARS-CoV-2 nsp16 Using Allosteric Inhibitors. ACS Infect Dis. 2023 Oct 13;9(10):1918-1931.

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

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