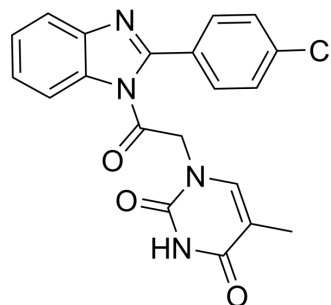


HIV-IN-9

Cat. No.:	HY-156330
Molecular Formula:	C ₂₀ H ₁₅ ClN ₄ O ₃
Molecular Weight:	394.81
Target:	HIV; Cytochrome P450
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HIV-IN-9 (Compound 2b) is a HIV inhibitor (IC₅₀: 6.65 µg/mL), and has high binding affinity with HIV-RT. HIV-IN-9 also inhibits CYP3A4, CYP1A2, CYP2C1, and CYP2D6^[1].

REFERENCES

[1]. Srivastava R, et al. Exploring antiviral potency of N-1 substituted pyrimidines against HIV-1 and other DNA/RNA viruses: Design, synthesis, characterization, ADMET analysis, docking, molecular dynamics and biological activity. *Comput Biol Chem.* 2023 Oct;106:107910.

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

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