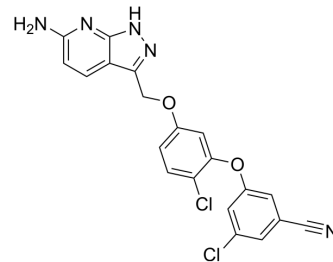


MK-4965

Cat. No.:	HY-14361
CAS No.:	920035-77-4
Molecular Formula:	C ₂₀ H ₁₃ Cl ₂ N ₅ O ₂
Molecular Weight:	426.26
Target:	HIV; Reverse Transcriptase
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MK-4965 is a nonnucleoside reverse transcriptase inhibitor (NNRTI). MK-4965 displays excellent activities against not only HIV-1 wild-type (WT) virus but also against a broad panel of NNRTI-resistant viruses and can be used for the research of HIV-1 infection ^[1] .
IC₅₀ & Target	IC ₅₀ : 0.23 nM (WT), 0.39 nM (Y181C), 0.40 nM (K103N) ^[1]

REFERENCES

[1]. Lai MT, et al. Antiviral activity of MK-4965, a novel nonnucleoside reverse transcriptase inhibitor. *Antimicrob Agents Chemother.* 2009 Jun;53(6):2424-31.

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

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