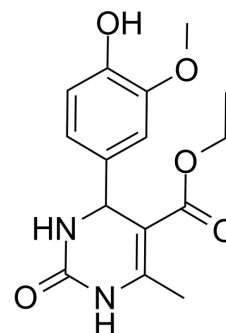


gp120-IN-2

Cat. No.:	HY-144731
CAS No.:	123629-42-5
Molecular Formula:	C ₁₅ H ₁₈ N ₂ O ₅
Molecular Weight:	306.31
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	gp120-IN-2 (compound 4i) is a potent HIV-1 gp120 inhibitor with an IC ₅₀ of 7.5 μM and CC ₅₀ of 112.93 μM. gp120-IN-2 shows anti-HIV-1 activity. gp120-IN-2 shows cytotoxicity in a dose dependent manner in SUP-T1 cells ^[1] .	
IC ₅₀ & Target	HIV-1 7.5 μM (IC ₅₀)	HIV-1 112.93 μM (CC ₅₀)

REFERENCES

[1]. Senapathi J, et al. Design, Synthesis, and Antiviral activity of 1,2,3,4-Tetrahydropyrimidine derivatives acting as novel entry inhibitors to target at "Phe43 cavity" of HIV-1 gp120. *Bioorg Med Chem.* 2021 Dec 15;52:116526.

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

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