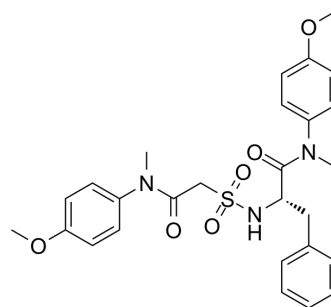


HIV-1 inhibitor-18

Cat. No.:	HY-144714
CAS No.:	2764787-56-4
Molecular Formula:	C ₂₇ H ₃₁ N ₃ O ₆ S
Molecular Weight:	525.62
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HIV-1 inhibitor-18 (compound II-13c) is a potent HIV-1 capsid inhibitor with an EC ₅₀ value of 5.14 μM for HIV-1 NL4-3. HIV-1 inhibitor-18 has certain cytotoxicity (MT-4 cells CC ₅₀ >9.51) ^[1] .
IC ₅₀ & Target	HIV-1 NL4-3 5.14 μM (EC50)

REFERENCES

[1]. Li J, et al. Design, synthesis, and antiviral activity of phenylalanine derivatives as HIV-1 capsid inhibitors. *Bioorg Med Chem.* 2021;48:116414.

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

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