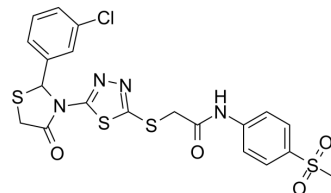


HIV-1 inhibitor-39

Cat. No.:	HY-147723
CAS No.:	2414099-82-2
Molecular Formula:	C ₂₀ H ₁₇ ClN ₄ O ₄ S ₄
Molecular Weight:	541.09
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-39 (compound 3c) is a potent HIV-1 inhibitor with an EC ₅₀ of >112.88 μM. HIV-1 inhibitor-39 shows anti-RT (HIV-1 reverse transcriptase) activities with an IC ₅₀ of 15.75 μM. HIV-1 inhibitor-39 shows cytotoxicity for MT-4 cells with an CC ₅₀ of 112.9 μM ^[1] .
IC ₅₀ & Target	HIV-1 >112.88 μM (EC50)

REFERENCES

[1]. Buemi MR, et al. Inhibition of HIV-1 RT activity by a new series of 3-(1,3,4-thiadiazol-2-yl)thiazolidin-4-one derivatives. *Bioorg Med Chem*. 2020 Apr 15;28(8):115431.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA