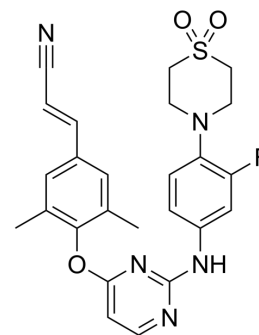


HIV-1 inhibitor-57

Cat. No.:	HY-149350
CAS No.:	2745197-24-2
Molecular Formula:	C ₂₅ H ₂₄ FN ₅ O ₃ S
Molecular Weight:	493.55
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-57 (Compound 12g) is a HIV inhibitor. HIV-1 inhibitor-57 is active against wild-type and five prevalent NNRTI-resistant HIV-1 strains with EC₅₀ values ranging from 0.024 to 0.0010 μM. HIV-1 inhibitor-57 forms additional interactions with residues around the binding site in HIV-1 RT^[1].

REFERENCES

[1]. Jiang X, et al. Discovery of novel diarypyrimidine derivatives bearing six-membered non-aromatic heterocycles as potent HIV-1 NNRTIs with improved anti-resistance and drug-like profiles. *Eur J Med Chem.* 2023 Oct 5;258:115605.

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