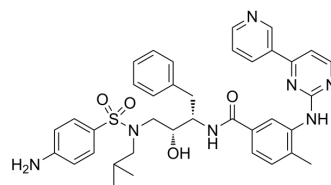


HIV-1 protease-IN-9

Cat. No.:	HY-155076
CAS No.:	2925381-27-5
Molecular Formula:	C ₃₇ H ₄₁ N ₇ O ₄ S
Molecular Weight:	679.83
Target:	HIV Protease
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HIV-1 protease-IN-9 (compound 5b) is a HIV-1 protease inhibitor, with a K_i of 0.028 nM. HIV-1 protease-IN-9 shows potent antiviral activity, with an IC_{50} of 66.8 nM^[1].

REFERENCES

[1]. Ghosh AK, et, al. Exploration of imatinib and nilotinib-derived templates as the P2-Ligand for HIV-1 protease inhibitors: Design, synthesis, protein X-ray structural studies, and biological evaluation. *Eur J Med Chem.* 2023 Jul 5;255:115385.

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