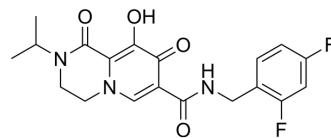


## HIV-1 inhibitor-64

Cat. No.:	HY-162253
CAS No.:	2919019-36-4
Molecular Formula:	C <sub>19</sub> H <sub>19</sub> F <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	391.37
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-64 (Compound 7c) is a wild-type HIV-1 inhibitor that effectively suppresses the activity of HIV-1 mutants E138K/Q148K and G140S/Q148R with EC <sub>50</sub> values of 62.5 nM and 11.3 nM, respectively. HIV-1 inhibitor-64 exhibits antiviral activity and can be used in the research of AIDS <sup>[1]</sup> .
IC <sub>50</sub> & Target	HIV-1 (WT)

### REFERENCES

[1]. Mahajan, et al. "N-Substituted Bicyclic Carbamoyl Pyridones: Integrase Strand Transfer Inhibitors that Potently Inhibit Drug-Resistant HIV-1 Integrase Mutants." ACS Infectious Diseases (2024).

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

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