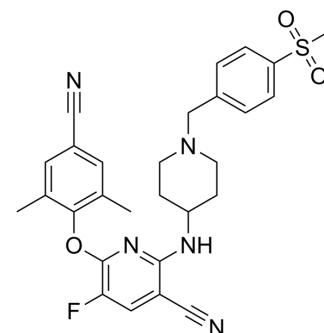


## HIV-1 inhibitor-59

Cat. No.:	HY-155114
Molecular Formula:	C <sub>28</sub> H <sub>28</sub> FN <sub>5</sub> O <sub>3</sub> S
Molecular Weight:	533.62
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-59 (Compound I-5b) is a HIV-1 inhibitor, with EC<sub>50</sub>s of 5.62-171 nM against the wild-type (WT) and mutant HIV-1 strains. HIV-1 inhibitor-59 has moderate RT enzyme inhibitory activity (IC<sub>50</sub>: 0.094-12.0 μM)<sup>[1]</sup>.

### REFERENCES

[1]. Song H, et al. 5-Cyano substituted diarylpyridines as potent HIV-1 NNRTIs: Rational design, synthesis, and activity evaluation. *Eur J Med Chem.* 2023 Nov 5;259:115686.

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

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