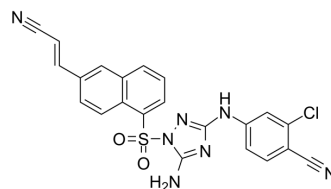


## HIV-1 inhibitor-56

Cat. No.:	HY-149991
CAS No.:	2952530-45-7
Molecular Formula:	C <sub>22</sub> H <sub>14</sub> ClN <sub>7</sub> O <sub>2</sub> S
Molecular Weight:	475.91
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-56 (compound 12126065) is a potent HIV-1 non-nucleoside reverse transcriptase inhibitor. HIV-1 inhibitor-56 has antiviral activity against wild-type HIV-1 in TZM cells with an EC<sub>50</sub> value of 0.24 nM. HIV-1 inhibitor-56 penetrates the blood-brain barrier<sup>[1]</sup>.

### REFERENCES

[1]. Lane T, et, al. N-Phenyl-1-(phenylsulfonyl)-1H-1,2,4-triazol-3-amine as a New Class of HIV-1 Non-nucleoside Reverse Transcriptase Inhibitor. *J Med Chem.* 2023 May 11;66(9):6193-6217.

**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