## HIV-1 inhibitor-23

Cat. No.: CAS No.: Molecular Formula: Molecular Weight: Target: Pathway: Storage:	HY-146018 2554622-28-3 C <sub>30</sub> H <sub>26</sub> N <sub>6</sub> O <sub>4</sub> S 566.63 HIV Anti-infection Please store the product under the recommended conditions in the Certificate of Analysis.	
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BIOLOGICAL ACTIVITY				
Description	HIV-1 inhibitor-23 (compound 12a) is a highly potent HIV-1 non-nucleoside reverse transcriptase inhibitor, with EC <sub>50</sub> s of 24.9 nM and 10.4 nM for HIV-1 WT and HIV-1 K103N, respectively. HIV-1 inhibitor-23 has low cytotoxicity (CC <sub>50</sub> >221μM) and a favorable in vitro microsomal stability <sup>[1]</sup> .			
IC <sub>50</sub> & Target	HIV-1 (WT) 24.9 nM (EC50)	HIV-1 (K103N) 10.4 nM (EC50)		

## REFERENCES

[1]. Han S, et al. Fragment hopping-based discovery of novel sulfinylacetamide-diarylpyrimidines (DAPYs) as HIV-1 nonnucleoside reverse transcriptase inhibitors. Eur J Med Chem. 2020;185:111874.

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

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Product Data Sheet



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