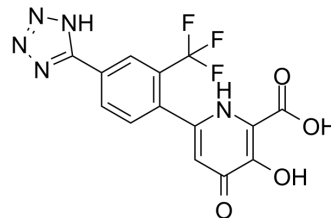


## PAN endonuclease-IN-1

Cat. No.:	HY-163147
CAS No.:	2378640-67-4
Molecular Formula:	C <sub>14</sub> H <sub>8</sub> F <sub>3</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	367.24
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PAN endonuclease-IN-1 (Compound 23) is a potent PAN endonuclease inhibitor, with K <sub>d</sub> values of 277 μM, 384 μM and 328 μM for WT, I38T and E23K PA <sub>N</sub> endonucleases, respectively. The RNA-dependent RNA polymerase acidic N-terminal (PAN) endonuclease, a critical component of influenza viral replication machinery, is an antiviral target <sup>[1]</sup> .
IC <sub>50</sub> & Target	Kd: 277 μM, 384 μM and 328 μM for WT, I38T and E23K PA <sub>N</sub> endonucleases <sup>[1]</sup> .

### REFERENCES

[1]. Alysia J Kohlbrand, et al. Structural Studies of Inhibitors with Clinically Relevant Influenza Endonuclease Variants. Biochemistry. 2024 Jan 8.

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

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