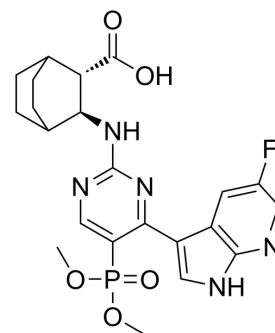


7-51A

Cat. No.:	HY-156440
Molecular Formula:	C ₂₂ H ₂₅ FN ₅ O ₅ P
Molecular Weight:	489.44
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

7-51A is a potent inhibitor of the PB2 subunit of influenza RNA-dependent RNA polymerase (RdRP) with an IC₅₀ of 1.64 nM. It targets the cap-binding domain of the PB2 subunit, inhibiting the synthesis of viral RNA.

REFERENCES

[1]. Weining Sun, et al. Discovery of a potent inhibitor targeting the cap-binding domain of the PB2 subunit of influenza RNA-dependent RNA polymerase. *Biochem Biophys Res Commun.* 2023 Oct 20;678:97-101.

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

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