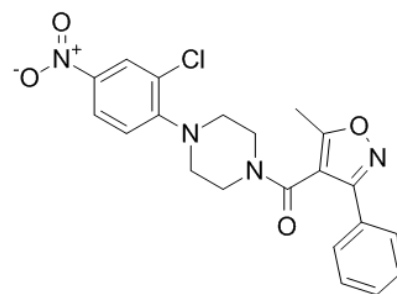


Product Name : Nucleozin
Cat. No. : PC-45819
CAS No. : 341001-38-5
Molecular Formula : C₂₁H₁₉ClN₄O₄
Molecular Weight : 426.853
Target : Influenza Virus
Solubility : DMSO: 28.66 mg/mL (Need ultrasonic)



Biological Activity

A small-molecule influenza A nucleoprotein (NP) inhibitor that triggers the aggregation of NP and inhibits its nuclear accumulation; inhibits infection of MDCK cells by viruses influenza A/WSN/33, H3N2 (clinical isolate) and Vietnam/1194/04 (H5N1) with EC₅₀ of 0.069 μ M, 0.16 μ M and 0.33 μ M in PRA, respectively; protects mice challenged with lethal doses of avian influenza A H5N1; also targets cytoplasmic trafficking of viral ribonucleoprotein-Rab11 complexes in influenza A virus infection.

Influenza
Preclinical

References

- Kao RY, et al. Nat Biotechnol. 2010 Jun;28(6):600-5.
Amorim MJ, et al. J Virol. 2013 Apr;87(8):4694-703.
Su CY, et al. Proc Natl Acad Sci U S A. 2010 Nov 9;107(45):19151-6.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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