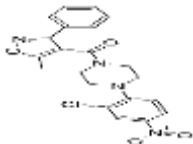


PRODUCT: Nucleozin**ALTERNATE NAMES:** 1-(2-Chloro-4-nitrophenyl)-4-[(5-methyl-3-phenyl-4-isoxazolyl)carbonyl]-piperazine**CATALOG NUMBER:** B2064-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₁H₁₉ClN₄O₄**MOLECULAR WEIGHT:** 426.86**CAS NUMBER:** 341001-38-5**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>15 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light

DESCRIPTION: Nucleozin is an antiviral agent that triggers the aggregation of nucleoprotein (NP) and inhibits its nuclear accumulation. Nucleozin impedes influenza A virus replication *in vitro* with a nanomolar median effective concentration (EC₅₀) and protects mice challenged with lethal doses of avian influenza A H5N1. Nucleozin is effective in fighting H1N1, H3N2, and H5N1 flu virus strains by inducing the formation of NP aggregates and antagonizing its nuclear accumulation, leading to cessation of viral replication.

REFERENCES: Kao, R.Y., *et al.* (2010). *Nat. Biotechnol.* **28**, 600-605.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Acyclovir (**Cat. No. 2200-50, 250**)5-Azacytidine (**Cat. No. 1854-50, 250**)6-Azauridine (**Cat. No. B1024-100, 500**)(-)-6-Azauridine 2', 3', 5'-triacetate (**Cat. No. B1025-50, 250**)Azidothymidine (**Cat. No. B1113-10, 50**)BMS-626529 (**Cat. No. B1557-5,25**)Clemizole (**Cat. No. 2481-10,50**)GSK1349572 (**Cat. No. 2288-5, 25**)Oseltamivir Phosphate (**Cat. No. B1885-50,250**)Oseltamivir Acid (**Cat. No. B1886-1,5**)Ribavirin (**Cat. No. 2199-10, 50**)Simeprevir (**Cat. No. B1173-5,25**)T-705 (Favipiravir) (**Cat. No. 2778-5,25**)Troviridine (**Cat. No. B1212-10, 50**)Valacyclovir hydrochloride (**Cat. No. 2201-10, 50**)Velpatasvir (**Cat. No. B1194-5,25**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**