T-1105

Cat. No.: HY-W015764
CAS No.: 55321-99-8
Molecular Formula: C₅H₅N₃O₂
Molecular Weight: 139.11
Target: Influenza Virus
Pathway: Anti-infection
Storage: Powder -20°C 3 years
         4°C  2 years
         In solvent -80°C 6 months
                   -20°C 1 month

BIOLOGICAL ACTIVITY

| Description                                                                 | T-1105, a novel broad-spectrum viral polymerase inhibitor, structural analogue of T-705, inhibits the polymerases of RNA viruses after being converted to ribonucleoside triphosphate (RTP) metabolite[1]. T-1105 has antiviral activity against various RNA viruses, including Zika virus (ZIKV), influenza virus, arenaviruses, bunyaviruses, West Nile virus (WNV), yellow fever virus (YFV), and foot-and-mouth disease virus (FMDV). T-1105 can be formed by nicotinamide mononucleotide adenylyltransferase[2]. |
| IC₅₀ & Target                                                               | Viral polymerase[1] |

REFERENCES


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