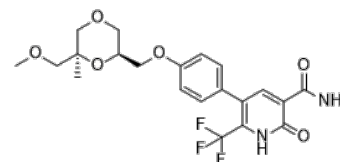


Product Name : VNT-101
Cat. No. : PC-25217
CAS No. : 2894060-67-2
Molecular Formula : C₂₁H₂₃F₃N₂O₆
Molecular Weight : 456.42
Target : Influenza Virus
Solubility : 10 mM in DMSO



CAS: 2894060-67-2

Biological Activity

VNT-101 (VNT101) is a potent **influenza A virus** (IAV) inhibitor disrupting of **nucleoprotein** (NP)-NP protein-protein interaction (PPI), targets nucleoprotein (NP) subunit of the viral RNP replication complex, has cellular EC₅₀ of 5 nM in H1N1 CPE assays.

VNT-101 exhibited attractive pharmacokinetics in rats and dogs, and a favorable preclinical safety profile.

VNT-101 demonstrated robust antiviral activity in rodent models of influenza infection.

References

Taft BR, et al. *J Med Chem*. 2025 Jul 23. doi: 10.1021/acs.jmedchem.5c01233.

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

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