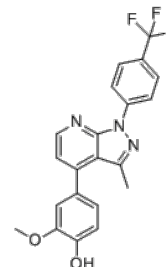


**Product Name** : ML303  
**Cat. No.** : PC-38457  
**CAS No.** : 1638211-04-7  
**Molecular Formula** : C<sub>21</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 399.373  
**Target** : Influenza Virus  
**Solubility** : 10 mM in DMSO



### Biological Activity

ML303 is a potent, specific influenza virus non structural 1 (**NS1**) antagonist, shows potent reduction of viral titer in MDCK cells infected with the Influenza A/PR/8/34 strain with IC<sub>90</sub> of 155 nM.

ML303 specifically restored the NS1-inhibited expression of the interferon mRNA, inhibited the NS1 function in mechanistic assay and exhibited a potent antiviral activity in culture.

### References

Samarjit Patnaik, et al. Bethesda (MD): National Center for Biotechnology Information (US); 2010–.

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

E-mail: tech@probechem.com