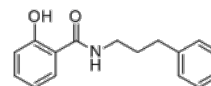


**Product Name** : JJ3297  
**Cat. No.** : PC-38714  
**CAS No.** : 153810-66-3  
**Molecular Formula** : C<sub>16</sub>H<sub>17</sub>NO<sub>2</sub>  
**Molecular Weight** : 255.317  
**Target** : Influenza Virus  
**Solubility** : 10 mM in DMSO



### Biological Activity

JJ3297 is a potent antagonist of influenza virus non-structural protein 1 (**NS1**), strongly restores IFN- $\beta$  mRNA levels and inhibits viral replication in MDCK cells (IC<sub>50</sub>=0.8  $\mu$ M).

JJ3297 inhibits influenza viral infection multi-cycle but not single-cycle infections, effectively inhibits the synthesis of IFN in infected cells.

### References

Walkiewicz MP, et al. *J Gen Virol*. 2011 Jan;92(Pt 1):60-70.

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

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