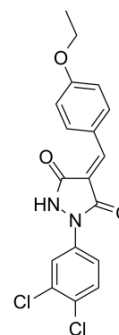


## PP7

Cat. No.:	HY-100858
CAS No.:	433238-84-7
Molecular Formula:	C <sub>18</sub> H <sub>14</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	377.22
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



## BIOLOGICAL ACTIVITY

**Description** PP7 is a potent PB1-PB2 interaction inhibitor with an IC<sub>50</sub> of 8.6 μM, and their inhibition against viral polymerase activity (IC<sub>50</sub>=9.5 μM). PP7 shows antiviral activities against influenza A virus (IAV), including A(H1N1)pdm09 (EC<sub>50</sub> =1.4 μM), A(H7N9) and A(H9N2) subtypes<sup>[1]</sup>.

**IC<sub>50</sub> & Target** IC50: 8.6 μM (PB1-PB2 interaction)<sup>[1]</sup>

## REFERENCES

[1]. Yuan S, et al. Identification of a novel small-molecule compound targeting the influenza A virus polymerase PB1-PB2 interface. *Antiviral Res.* 2017 Jan;137:58-66.

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

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