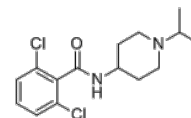


**Product Name** : CBS1117  
**Cat. No.** : PC-47054  
**CAS No.** : 959245-08-0  
**Molecular Formula** : C<sub>15</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>2</sub>O  
**Molecular Weight** : 315.238  
**Target** : Influenza Virus  
**Solubility** : 10 mM in DMSO



### Biological Activity

CBS1117 is a small molecule entry inhibitor of avian influenza hemagglutinin, exhibits EC<sub>50</sub> of 70 nM against against A/Puerto Rico/8/34 (H1N1) infection in A549 cells.

CBS1117 specifically inhibits group 1 IAVs, likely by interfering with the HA-mediated viral-host membrane fusion.

### References

Amira F A Hussein, et al. Antiviral Res. 2020 May;177:104782.

Aleksandar Antanasijevic, et al. Life Sci Alliance. 2020 Jul 1;3(8):e202000724.

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

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