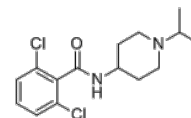


Product Name : CBS1117
Cat. No. : PC-47054
CAS No. : 959245-08-0
Molecular Formula : C₁₅H₂₀Cl₂N₂O
Molecular Weight : 315.238
Target : Influenza Virus
Solubility : 10 mM in DMSO



Biological Activity

CBS1117 is a small molecule entry inhibitor of avian **influenza hemagglutinin**, exhibits EC₅₀ 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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