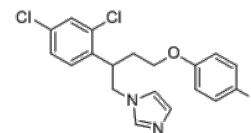


Product Name : IMB-301
Cat. No. : PC-35158
CAS No. : 64009-84-3
Molecular Formula : C₁₉H₁₇Cl₂FN₂O
Molecular Weight : 379.256
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

IMB-301 (NSC 301209) is a small molecule inhibitor that target the binding interface of the **HIV-1 Vif/hA3G** complex, inhibits the replication of HIV-1 in H9 cells (IC₅₀=8.63 μM).

IMB-301 restores hA3G expression in the presence of Vif through disruption of the Vif-hA3G interaction.

IMB-301 significantly increases the amount of hA3G-HA in the virions; directly binds to hA3G with of 15.6 μM.

References

Ma L, et al. *Sci Rep.* 2018 May 23;8(1):8067.

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

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