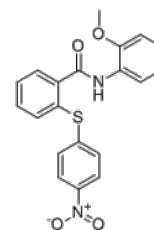


Product Name : RN-18
Cat. No. : PC-62712
CAS No. : 431980-38-0
Molecular Formula : C₂₀H₁₆N₂O₄S
Molecular Weight : 380.418
Target : HIV
Solubility :



Biological Activity

RN-18 is a small molecule that antagonizes **HIV-1 Vif function** and inhibits HIV-1 replication only in the presence of A3G; increases cellular A3G levels in a Vif-dependent manner and increases A3G incorporation into virions without inhibiting general proteasome-mediated protein degradation; enhances Vif degradation, reduces viral infectivity by increasing A3G incorporation into virions and enhances cytidine deamination of the viral genome.

References

- Nathans R, et al. *Nat Biotechnol*. 2008 Oct;26(10):1187-92.
Mohammed I, et al. *J Med Chem*. 2016 Aug 25;59(16):7677-82.

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

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