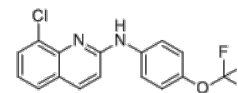


Product Name : ABX464
Cat. No. : PC-36055
CAS No. : 1258453-75-6
Molecular Formula : C₁₆H₁₀ClF₃N₂O
Molecular Weight : 338.714
Target : HIV
Solubility :



Biological Activity

ABX464 (ABX-464, ABX 464) is a novel class of anti-HIV small molecule targeting Rev-mediated viral RNA biogenesis, shows dose dependent inhibition of HIV-1 replication in stimulated PBMCs with IC₅₀ of 0.1-0.5 μM; ABX464 inhibits different HIV-1 clades, resistant viruses and did not select for resistance; increases the levels of spliced HIV RNA, influences REV-mediated HIV RNA biogenesis and export, and interacts with the CBC complex; inhibit viral replication in humanized mice.

HIV Infection
Phase 2 Clinical

References

- Campos N, et al. *Retrovirology*. 2015 Apr 9;12:30.
Scherrer D, et al. *Antimicrob Agents Chemother*. 2016 Dec 27;61(1).
Scherrer D, et al. *J Antimicrob Chemother*. 2017 Mar 1;72(3):820-828.
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Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com