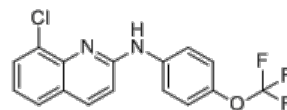


Product Name : ABX464
Synonyms : ABX-464;ABX 464
Cat No. : M11065
CAS Number : 1258453-75-6
Molecular Formula : C₁₆H₁₀ClF₃N₂O
Formula Weight : 338.71
Chemical Name : 8-chloro-N-(4-(trifluoromethoxy)phenyl)quinolin-2-amine



Description : 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 uM; 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

Pathway : Microbiology/Virology

Target : HIV

Receptor : HIV

Solubility : DMSO : ≥ 100 mg/mL 295.24 mM

SMILES : FC(F)(F)OC1=CC=C(NC2=NC3=C(Cl)C=CC=C3C=C2)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Campos N, et al. Retrovirology. 2015 Apr 9;12:30.| 2. Scherrer D, et al. Antimicrob Agents Chemother. 2016 Dec 27;61(1).| 3. Scherrer D, et al. J Antimicrob Chemother. 2017 Mar 1;72(3):820-828.| 4. Vautrin A, et al. Sci Rep. 2019 Jan 28;9(1):792.