**Product Name**: TAK-779  
**Cat. No.**: PC-43512  
**CAS No.**: 229005-80-5  
**Molecular Formula**: $C_{33}H_{39}CN_2O_2$  
**Molecular Weight**:  
**Target**: HIV  
**Solubility**: DMSO: ≥ 27 mg/mL

**Biological Activity**

TAK-779 is a potent, specific, nonpeptide **CCR5** antagonist with $K_d$ of 0.45 nM, antagonizes CCR2b to a lesser extent (27 nM) but does not affect CCR1, CCR3, or CCR4; also blocks the binding of macrophage inflammatory protein 1α and macrophage inflammatory protein 1β to the cells with an $IC_{50}$ of 1.0 nM; TAK-779 displays highly potent and selective inhibition of the replication of macrophage (M)-tropic HIV-1 (Ba-L strain) in both MAGI-CCR5 cells and PBMCs with $EC_{50}$ of 1.2 and 3.7 nM, respectively.

**HIV Infection**

Discontinued

**References**


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