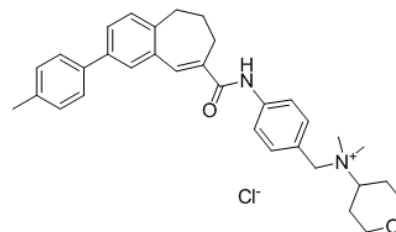


**Product Name** : TAK-779  
**Cat. No.** : PC-43512  
**CAS No.** : 229005-80-5  
**Molecular Formula** : C<sub>33</sub>H<sub>39</sub>ClN<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** :  
**Target** : HIV  
**Solubility** : DMSO: ≥ 27 mg/mL



## Biological Activity

TAK-779 is a potent, specific, nonpeptide **CCR5** antagonist with K<sub>d</sub> 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 1 $\alpha$  and macrophage inflammatory protein 1 $\beta$  to the cells with an IC<sub>50</sub> 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<sub>50</sub> of 1.2 and 3.7 nM, respectively.

HIV Infection  
Discontinued

## References

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

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