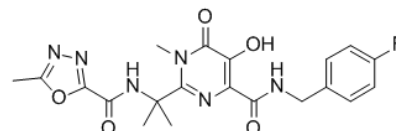


**Product Name** : Raltegravir  
**Cat. No.** : PC-42548  
**CAS No.** : 518048-05-0  
**Molecular Formula** : C<sub>20</sub>H<sub>21</sub>FN<sub>6</sub>O<sub>5</sub>  
**Molecular Weight** : 444.4164  
**Target** : HIV  
**Solubility** : 10 mM in DMSO



## Biological Activity

A potent, selective, orally bioavailable HIV-integrase inhibitor with IC<sub>50</sub> of 15 nM; essentially inactive (IC<sub>50</sub>>50 μM) against HCV Pol, HIV RT, HIV RNase-H, and human α/β/γ Pol; shows inhibitory activity against the wild type virus and a selection of mutants; the first HIV-integrase inhibitor for the treatment of HIV-1 infection.

HIV Infection

Approved

## References

Summa V, et al. J Med Chem. 2008 Sep 25;51(18):5843-55.

Malet I, et al. Antimicrob Agents Chemother. 2008 Apr;52(4):1351-8.

Cooper DA, et al. N Engl J Med. 2008 Jul 24;359(4):355-65.

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

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