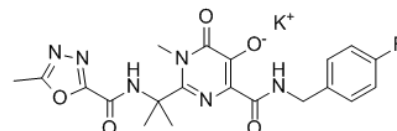


Product Name : Raltegravir potassium salt
Cat. No. : PC-42549
CAS No. : 871038-72-1
Molecular Formula : C₂₀H₂₀FKN₆O₅
Molecular Weight : 482.5067
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

A potent, selective, orally bioavailable HIV-integrase inhibitor with IC₅₀ of 15 nM; essentially inactive (IC₅₀>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!

E-mail: tech@probechem.com