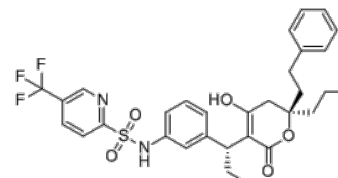


**Product Name** : Tipranavir  
**Cat. No.** : PC-21699  
**CAS No.** : 174484-41-4  
**Molecular Formula** : C<sub>31</sub>H<sub>33</sub>F<sub>3</sub>N<sub>2</sub>O<sub>5</sub>S  
**Molecular Weight** : 602.67  
**Target** : HIV  
**Solubility** : 10 mM in DMSO



## Biological Activity

Tipranavir (PNU-140690) is a potent, nonpeptidic and orally bioavailable HIV protease inhibitor with  $K_i$  value of 8 pM, shows an  $IC_{90}$  value of 100 nM in antiviral cell culture.

Tipranavir (PNU-140690) has excellent potency against a variety of HIV type 1 (HIV-1) laboratory strains and clinical isolates, including those resistant to the reverse transcriptase inhibitors zidovudine or delavirdine.

Tipranavir (PNU-140690) contributes to synergistic antiviral activity, when combined with either zidovudine or delavirdine.

Tipranavir (PNU-140690) is also highly active against HIV-1 variants resistant to peptidomimetic protease inhibitors.

## References

Turner SR, et al. J Med Chem. 1998 Aug 27;41(18):3467-76.

Poppe SM, et al. Antimicrob Agents Chemother. 1997 May;41(5):1058-63.

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

E-mail: tech@probechem.com