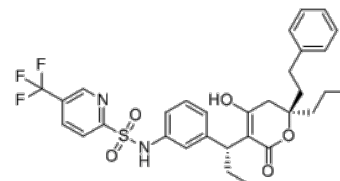


Product Name : Tipranavir
Cat. No. : PC-21699
CAS No. : 174484-41-4
Molecular Formula : C₃₁H₃₃F₃N₂O₅S
Molecular Weight : 602.67
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

Tipranavir (PNU-140690) is a potent, nonpeptidic and orally bioavailable **HIV protease** inhibitor with Ki value of 8 pM, shows an IC₉₀ 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 didanosine.

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

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!

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