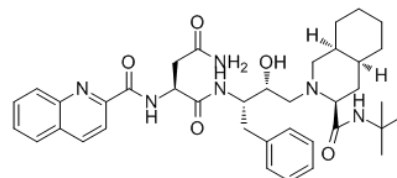


Product Name : Saquinavir
Cat. No. : PC-45133
CAS No. : 127779-20-8
Molecular Formula : C₃₈H₅₀N₆O₅
Molecular Weight : 670.8408
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

Saquinavir (Ro 31-8959) is a potent and selective inhibitor of **HIV-1 protease** with IC₅₀ of 0.5-6 nM in cell assays. Saquinavir (Ro 31-8959) binds to the active site of the viral protease and prevents cleavage of viral polyproteins, preventing maturation of the virus; inhibits both HIV-1 and HIV-2 proteases. Saquinavir (Ro 31-8959) is used to treat or prevent HIV/AIDS.

References

- Martin JA, et al. *Biochem Biophys Res Commun*. 1991 Apr 15;176(1):180-8.
Craig JC, et al. *Antiviral Res*. 1991 Dec;16(4):295-305.
Kräusslich HG. *J Virol*. 1992 Jan;66(1):567-72.

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

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