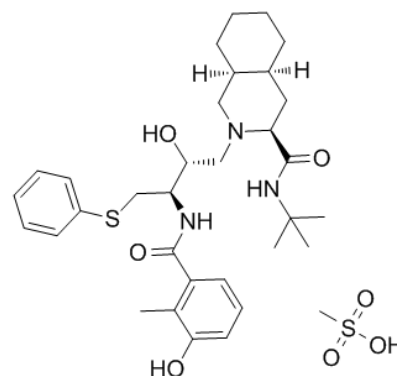


Product Name : Nelfinavir mesylate
Cat. No. : PC-44304
CAS No. : 159989-65-8
Molecular Formula : C₃₃H₄₉N₃O₇S₂
Molecular Weight : 663.8881
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

A potent and orally bioavailable HIV-1 protease inhibitor with K_i of 2 nM; exhibits an antiviral EC₅₀ of 30 nM in HIV-1 strain RF-infected CEM-SS cells; also inhibits the proliferation of NSCLC cells, as well as every cell line in the NCI60 cell line panel with mean GI₅₀ of 5.2 μ M, induces endoplasmic reticulum stress, autophagy, and apoptosis in vitro and in vivo.

HIV Infection

Approved

References

Zhang KE, et al. Antimicrob Agents Chemother. 2001 Apr;45(4):1086-93.

Shetty BV, et al. Antimicrob Agents Chemother. 1996 Jan;40(1):110-4.

Gills JJ, et al. Clin Cancer Res. 2007 Sep 1;13(17):5183-94.

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

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