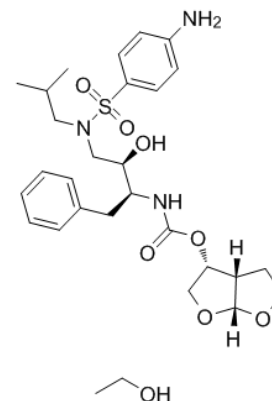


Product Name : Darunavir ethanolate
Cat. No. : PC-45165
CAS No. : 635728-49-3
Molecular Formula : C₂₉H₄₃N₃O₈S
Molecular Weight : 593.732
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

A potent, selective HIV-1 protease inhibitor that is extremely potent against laboratory HIV-1 strains and primary clinical isolates with IC₅₀ of 3 nM, IC₉₀ of 9 nM; blocks the infectivity and replication of HIV-1(NL4-3) variants with IC₅₀ of 3-29 nM, also potent against multi-PI-resistant clinical HIV-1 variants isolated from patients; used to treat and prevent HIV/AIDS. HIV Infection Approved

References

- Surleraux DL, et al. J Med Chem. 2005 Mar 24;48(6):1813-22.
Koh Y, et al. Antimicrob Agents Chemother. 2003 Oct;47(10):3123-9.
King NM, et al. J Virol. 2004 Nov;78(21):12012-21.

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

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