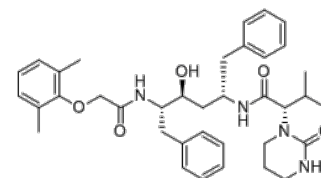


Product Name : Lopinavir
Cat. No. : PC-21700
CAS No. : 192725-17-0
Molecular Formula : C₃₇H₄₈N₄O₅
Molecular Weight : 628.81
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

Lopinavir (ABT-378) is a highly potent inhibitor of HIV-1 protease with K_i of 1.3 to 3.6 pM for wild-type and mutant HIV protease.

Lopinavir (ABT-378) blocks the replication of laboratory and clinical strains of HIV type 1 (50% effective concentration [EC₅₀], 0.006 to 0.017 microM).

Lopinavir (ABT-378) maintains high potency against mutant HIV selected by ritonavir in vivo (EC₅₀,

References

Sham HL, et al. Antimicrob Agents Chemother. 1998 Dec;42(12):3218-24.

Carrillo A, et al. J Virol. 1998 Sep;72(9):7532-41.

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

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