

Product Name : Saquinavir mesylate

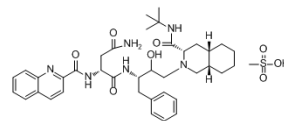
Synonyms : Ro 31-8959/003

Cat No. : M12080

CAS Number : 149845-06-7

Molecular Formula : C₃₉H₅₄N₆O₈S

Formula Weight : 766.95



Chemical Name : Butanediamide, N1-[(1S,2R)-3-[(3S,4aS,8aS)-3-[[[(1,1-dimethylethyl)amino]carbonyl]octahydro-2(1H)-isoquinoliny]-2-hydroxy-1-(phenylmethyl)propyl]-2-[(2-quinoliny]carbonyl)amino]-, (2S)-, methanesulfonate (1:1)

Description : Apotent and selective inhibitor of HIV-1 protease with IC₅₀ of 0.5-6 nM in cell assays; 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; used to treat or prevent HIV/AIDS. HIV Infection Approved

Pathway : Microbiology/Virology

Target : HIV

Receptor : HIV

Solubility : 10 mM in DMSO

SMILES : CC(C)C(C)NC(=O)C1CC2CCCCC2CN1CC(C)(CC3=CC=CC=C3)NC(=O)C(C(=O)N)NC(=O)C4=NC5=CC=CC=C5C=C4O.O.S(=O)(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Martin JA, et al. Biochem Biophys Res Commun. 1991 Apr 15;176(1):180-8. | 2. Craig JC, et al. Antiviral Res. 1991 Dec;16(4):295-305. | 3. Krusslich HG. J Virol. 1992 Jan;66(1):567-72.