

Product Name : Atazanavir

Synonyms : BMS-232632

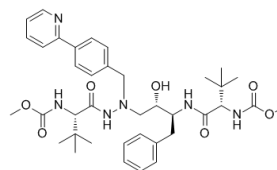
Cat No. : M13109

CAS Number : 198904-31-3

Molecular Formula : C₃₈H₅₂N₆O₇

Formula Weight : 704.86

Chemical Name : 2,5,6,10,13-Pentaazatetradecanedioic acid, 3,12-bis(1,1-dimethylethyl)-8-hydroxy-4,11-dioxo-9-(phenylmethyl)-6-[[4-(2-pyridinyl)phenyl]methyl]-, 1,14-dimethyl ester, (3S,8S,9S,12S)-



Description : A highly potent HIV-1 protease inhibitor that exhibits potent anti-HIV activity EC₅₀ of 2.6-5.3 nM and EC₉₀ of 9-15 nM in cell culture; shows synergistic antiviral effects in HIV-infected PBMCs; used to treat and prevent HIV/AIDS. HIV Infection Approved

Pathway : Microbiology/Virology

Target : HIV

Receptor : HIVProtease

Solubility : 10 mM in DMSO

SMILES : CC(C)(C)[C@@H](C(=O)N[C@@H](CC1=CC=CC=C1)[C@H](CN(CC2=CC=C(C=C2)C3=CC=CC=N3)NC(=O)[C@H](C(C)(C)C)NC(=O)OC)O)NC(=O)OC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Robinson BS, et al. Antimicrob Agents Chemother. 2000 Aug;44(8):2093-9. | 2. Gong YF, et al. Antimicrob Agents Chemother. 2000 Sep;44(9):2319-26. | 3. Drusano GL, et al. J Infect Dis. 2001 Apr 1;183(7):1126-9.