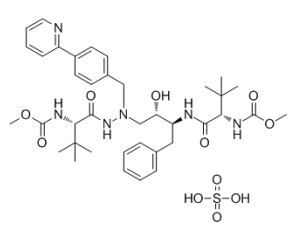


Product Name	: Atazanavir sulfate	
Synonyms	: BMS 232632 sulfate;BMS-232632 sulfate;BMS232632 sulfate	
Cat No.	: M13641	
CAS Number	: 229975-97-7	
Molecular Formula	: C ₃₈ H ₅₄ N ₆ O ₁₁ S	
Formula Weight	: 802.93	
Chemical Name	: 2,5,6,10,13-Pentaazatetradecanedioic acid, 3,12-bis(1,1-dimethylethyl)-8-hydroxy-4,11-dioxo-9-(phenylmethyl)-6-[[4-(2-pyridinyl)phenyl]methyl]-, 1,14-dimethyl ester, (3S,8S,9S,12S)-, sulfate	
Description	: A highly potent HIV-1 protease inhibitor that exhibits potent anti-HIV activity EC ₅₀ of 2.6-5.3 nM and EC ₉₀ 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	: DMSO; H ₂ O: < 0.1 mg/mL	
SMILES	: <chem>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.OS(=O)(=O)O</chem>	
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.