

Product Name	: Ritonavir
Synonyms	: A-84538; ABT-538
Cat No.	: M12207
CAS Number	: 155213-67-5
Molecular Formula	: C ₃₇ H ₄₈ N ₆ O ₅ S ₂
Formula Weight	: 720.94
Chemical Name	: 2,7,10,12-Tetraazatridecanoic acid, 4-hydroxy-12-methyl-9-(1-methylethyl)-13-[2-(1-methylethyl)-4-thiazolyl]-8,11-dioxo-3,6-bis(phenylmethyl)-, 5-thiazolylmethyl ester, (3S,4S,6S,9S)-
Description	: A potent HIV protease inhibitor for treatment of HIV-1 infection; also inhibits cytochrome P450-3A4 (CYP3A4). HIV Infection Approved
Pathway	: Microbiology/Virology
Target	: HIV
Receptor	: HIVProtease
Solubility	: 10 mM in DMSO; H ₂ O: < 0.1 mg/mL
SMILES	: <chem>CC(C)C1=NC(=CS1)CN(C)C(=O)NC(C(C)C)C(=O)NC(CC2=CC=CC=C2)CC(C)(CC3=CC=CC=C3)NC(=O)OCC4=CN=CS4)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Eagling VA, et al. Br J Clin Pharmacol, 1997, 44(2), 190-194. 2. Zeldin RK, et al. J Antimicrob Chemother. 2004 Jan;53(1):4-9.