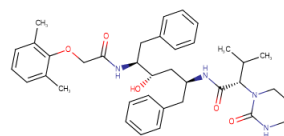


Product Name	: Lopinavir
Synonyms	: A-157378.0; ABT-378
Cat No.	: M13020
CAS Number	: 192725-17-0
Molecular Formula	: C ₃₇ H ₄₈ N ₄ O ₅
Formula Weight	: 628.80
Chemical Name	: (2S)-N-[(2S,4S,5S)-5-[[2-(2,6-dimethylphenoxy)acetyl]amino]-4-hydroxy-1,6-diphenylhexan-2-yl]-3-methyl-2-(2-oxo-1,3-diazinan-1-yl)butanamide
Description	: Lopinavir (also known as ABT-378) is a highly potent inhibitor of human immunodeficiency virus (HIV) protease that potently inhibits wild-type and mutant HIV protease.
Pathway	: Microbiology/Virology
Target	: HIV
Receptor	: HIV protease
Solubility	: Ethanol: 126 mg/mL (200.38 mM); DMSO: 126 mg/mL (200.38 mM)
SMILES	: <chem>CC1=C(C(=CC=C1C)OCC(=O)N[C@@H](CC2=CC=CC=C2)[C@H](C[C@H](CC3=CC=CC=C3)NC(=O)[C@H](C(C)C)N4CCCNC4=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Garriga C, et al. J Med Virol. 2007 Nov; 79(11):1617-28.