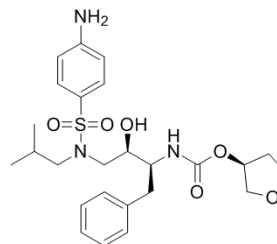


Product Name	: Amprenavir
Synonyms	: VX-478; 141W94
Cat No.	: M12371
CAS Number	: 161814-49-9
Molecular Formula	: C ₂₅ H ₃₅ N ₃ O ₆ S
Formula Weight	: 505.63
Chemical Name	: Carbamic acid, N-[(1S,2R)-3-[[[4-aminophenyl)sulfonyl](2-methylpropyl)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, (3S)-tetrahydro-3-furanyl ester
Description	: A potent HIV-1 protease inhibitor with IC ₅₀ of 80 nM, has mean IC ₅₀ of 12 nM against 6 HIV clinical isolates; shows synergistic effect with a variety of anti-HIV-1 agents and exhibits a unique cross resistance profile. HIV Infection Approved
Pathway	: Microbiology/Virology
Target	: HIV
Receptor	: HIVprotease
Solubility	: 10 mM in DMSO
SMILES	: <chem>CC(C)CN(CC(C)C1=CC=CC=C1)NC(=O)OC2CCOC2O)S(=O)(=O)C3=CC=C(C=C3)N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. St Clair MH, et al. Antiviral Res. 1996 Jan;29(1):53-6. 2. Partaledis JA, et al. J Virol. 1995 Sep;69(9):5228-35. 3. Markland W, et al. J Virol. 2000 Aug;74(16):7636-41.