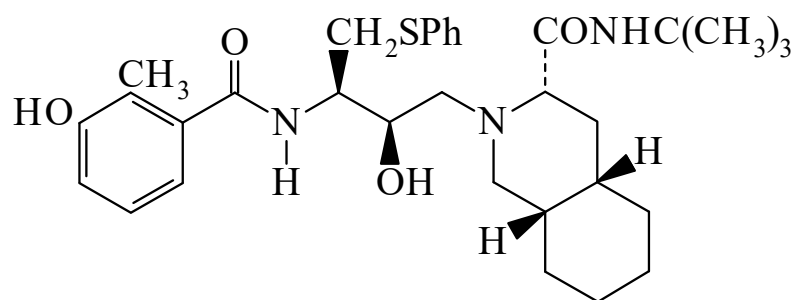




>>Entry Name: Nelfinavir, BAN, INN

Synonym(s): AG 1346



CAS Registry Number: 159989-64-7

Related CAS Registry Numbers(s): 166734-19-6

Molecular Formula: C₃₂H₄₅N₃O₄S

Molecular Weight: 567.791

Accurate Mass: 567.313077

Percentage Composition: C 67.69%; H 7.99%; N 7.40%; O 11.27%; S 5.65%

Biological Use/Importance: HIV-1 protease inhibitor

Physical Description: Foam

Development Status: Marketed drug. Launched 1997

pKa Value: pK_{a1} 6; pK_{a2} 11.06

Experimental Log P Data: Log P 4.1 (exp)

>>Derivative: Methanesulfonate

Synonym(s): Nelfinavir mesylate, USAN. Viracept. AG 1343. LY 312857

CAS Registry Number: 159989-65-8

Physical Description: Foam

References:

- Longer, M. *et al.*, *J. Pharm. Sci.*, 1995, **84**, 1090, (*props*)
Pat. Coop. Treaty (WIPO), 1995, *Agouron*, 95 09 843; *CA*, **123**, 256539v, (*synth, pharmacol*)
Shetty, B.V. *et al.*, *Antimicrob. Agents Chemother.*, 1996, **40**, 110, (*pharmacokinet*)
Patick, A.K. *et al.*, *Antimicrob. Agents Chemother.*, 1996, **40**, 292; 1575, (*nelfinavir mesylate*)
Moyle, G. *et al.*, *Drugs*, 1996, **51**, 701, (*rev*)
Perry, C.M. *et al.*, *Drugs*, 1997, **54**, 81-87, (*rev*)
Wu, E.Y. *et al.*, *J. Chromatogr., B: Biomed. Appl.*, 1997, **695**, 373-380, (*hplc*)
Kaldor, S.W. *et al.*, *J. Med. Chem.*, 1997, **40**, 3979-3985, (*synth*)
Rieger, D.L., *J.O.C.*, 1997, **62**, 8546-8548, (*synth*)
Jarvis, B. *et al.*, *Drugs*, 1998, **56**, 147-167, (*rev*)
Martindale, The Extra Pharmacopoeia, 32nd edn., *Pharmaceutical Press*, 1999, 623
Bardsley-Elliot, A. *et al.*, *Drugs*, 2000, **59**, 581-620
Zook, S.E. *et al.*, *Tet. Lett.*, 2000, **41**, 7017-7021, (*synth*)