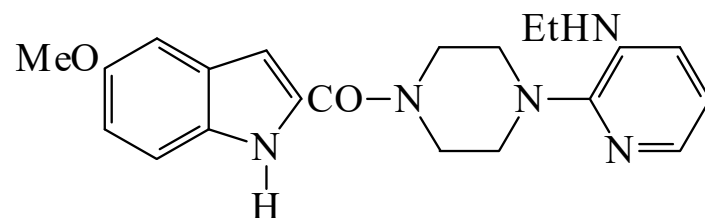




>>Entry Name: Atevirdine, INN

Synonym(s): 1-[3-(Ethylamino)-2-pyridinyl]-4-[(5-methoxy-1*H*-indol-2-yl)carbonyl]piperazine, 9Cl. U 87201



CAS Registry Number: 136816-75-6

Molecular Formula: C₂₁H₂₅N₅O₂

Molecular Weight: 379.461

Accurate Mass: 379.200825

Percentage Composition: C 66.47%; H 6.64%; N 18.46%; O 8.43%

Use/Importance: HIV-I reverse transcriptase inhibitor. Antiviral agent

Calculated Log P Data: Log P 3.73 (calc)

>>Derivative: Hydrochloride

CAS Registry Number: 136816-66-5

Melting Point: Mp 153-154°

>>Derivative: Methanesulfonate

Synonym(s): Atevirdine mesylate, USAN. U-87201E

CAS Registry Number: 138540-32-6

Melting Point: Mp 215-216°

References:

- Pat. Coop. Treaty (WIPO)*, 1991, *Upjohn*, 91 09 849; *CA*, **116**, 21074f, (*synth, pharmacol*)
Romero, D.L. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 1991, **88**, 8806, (*pharmacol*)
Althaus, I.W. *et al.*, *J. Biol. Chem.*, 1993, **268**, 6119, (*pharmacol*)
Romero, D.L. *et al.*, *J. Med. Chem.*, 1994, **37**, 999, (*synth, pharmacol, cmr, pmr, ir, ms*)
Been-Tiktak, A.M.M. *et al.*, *Antimicrob. Agents Chemother.*, 1995, **39**, 602, (*pharmacokinet, man*)