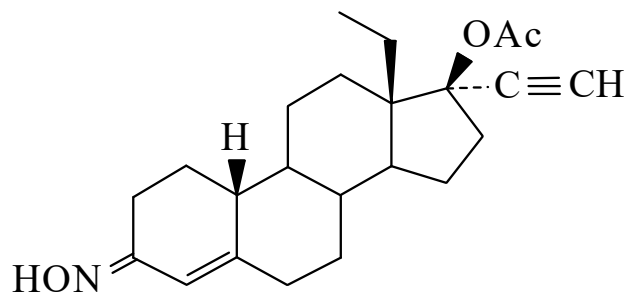




>>Entry Name: Norgestimate, BAN, INN, USAN

Synonym(s): 17-(Acetyloxy)-13-ethyl-18,19-dinorpregn-4-en-20-yn-3-one 3-oxime, 9Cl. 13-Ethyl-3-hydroxyimino-18,19-dinorpregn-4-en-20-yn-17-yl acetate. Dexnorgestrel acetate. Ortrel. D 138. ORF 10131



CAS Registry Number: 35189-28-7

Molecular Formula: $C_{23}H_{31}NO_3$

Molecular Weight: 369.503

Accurate Mass: 369.230394

Percentage Composition: C 74.76%; H 8.46%; N 3.79%; O 12.99%

Use/Importance: Progestogen, ovulation inhibitor

Physical Description: Cryst. (EtOH/ CH_2Cl_2)

Development Status: Launched 1986

Melting Point: Mp 214-218°

Optical Rotation: $[\alpha]_D^{25} +41$

Calculated Log P Data: Log P 4.9 (uncertain value) (calc)

Other Data: Stereochem. is (17 β OAc)

References:

Hahn, D.W. *et al.*, *Contraception*, 1977, **16**, 541, (pharmacol)

Ger. Pat., 1977, 2 633 210; *CA*, **86**, 190343k, (synth, pharmacol)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1190