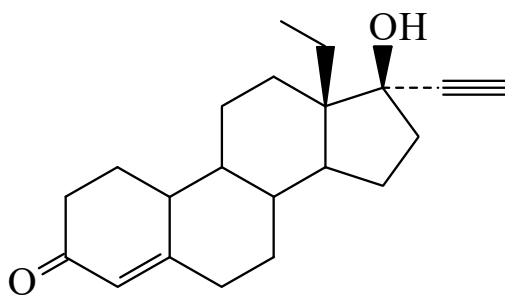




>>Entry Name: 13-Ethyl-17-hydroxy-18,19-dinorpregn-4-en-20-yn-3-one

Synonym(s): 13-Ethyl-17-ethynyl-17-hydroxygon-4-en-3-one. 17-Ethynyl-18-methyl-19-nortestosterone



Related CAS Registry Numbers(s): 6533-00-2 8015-12-1 8056-51-7 17092-09-0 17092-15-8 18290-31-8 39366-37-5 50938-74-4 74183-54-3 74183-55-4

Molecular Formula: C₂₁H₂₈O₂

Molecular Weight: 312.451

Accurate Mass: 312.20893

Percentage Composition: C 80.73%; H 9.03%; O 10.24%

Calculated Log P Data: Log P 3.82 (uncertain value) (calc)

>>Variant: (-)-17βOH-form

Synonym(s): Levonorgestrel, BAN, INN, USAN. Dexnorgestrel (obsol.). Mirena. D-Norgestrel. Many other names

CAS Registry Number: 797-63-7

Molecular Formula: C₂₁H₂₈O₂

Molecular Weight: 312.451

Accurate Mass: 312.20893

Percentage Composition: C 80.73%; H 9.03%; O 10.24%

Source/Synthesis: Synthetic progestogen

Biological Use/Importance: Used in oral contraceptives

Physical Description: Cryst. (MeOH/CHCl₃)

Development Status: Approved 2000

Melting Point: Mp 238-242°

Optical Rotation: [α]_D -32.4 (c, 0.5 in CHCl₃)

Other Data: Component of numerous combination preparations

Sigma: N2260

>>Derivative: Ac

CAS Registry Number: 13732-69-9

Molecular Formula: C₂₃H₃₀O₃

Molecular Weight: 354.488

Accurate Mass: 354.219495

Percentage Composition: C 77.93%; H 8.53%; O 13.54%

Melting Point: Mp 202-203°

>>Derivative: Oxime

Synonym(s): Norelgestromin, INN, USAN

CAS Registry Number: 53016-31-2

Molecular Formula: C₂₁H₂₉NO₂

Molecular Weight: 327.466

Accurate Mass: 327.219829

Percentage Composition: C 77.03%; H 8.93%; N 4.28%; O 9.77%

Biological Use/Importance: Long-acting injectable contraceptive

Melting Point: Mp 113° (as DMSO solvate)