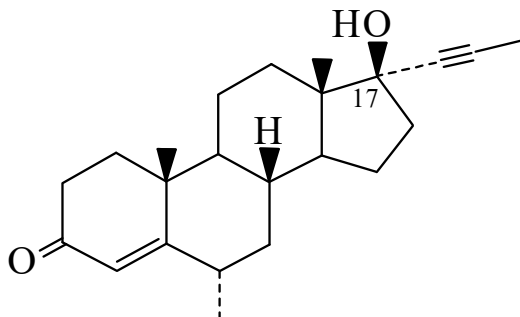




>>Entry Name: Dimethisterone, BAN, INN, USAN

Synonym(s): 17-Hydroxy-6,21-dimethylpregn-4-en-20-yn-3-one. Dimethylethisterone. Lutagan. Secrosteron. MJ 5048. P 5048



CAS Registry Number: 79-64-1

Type of Compound Code(s): AJ2500 AJ0450 XA6000

Molecular Formula: $C_{23}H_{32}O_2$

Molecular Weight: 340.505

Accurate Mass: 340.24023

Percentage Composition: C 81.13%; H 9.47%; O 9.40%

Use/Importance: Progestogen

Physical Description: Cryst.

Melting Point: Mp 102°

Optical Rotation: $[\alpha]_D^{20} +10$ (CHCl₃)

Calculated Log P Data: Log P 4.86 (uncertain value) (calc)

Other Data: Stereochem. is (6 α ,17 β OH)

References:

Barton, D.H.R. *et al.*, *J.C.S.*, 1959, 1957

U.S. Pat., 1960, 2 939 819; *CA*, **54**, 22728, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 9038

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, DRT200