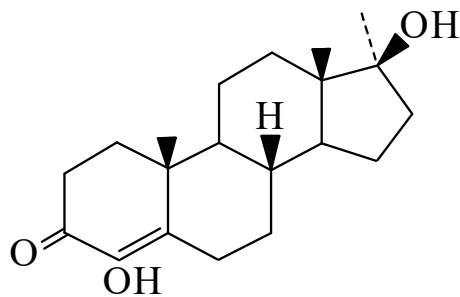




>>Entry Name: Oxymesterone, BAN, INN

Synonym(s): 4,17β-Dihydroxy-17α-methylandro-4-en-3-one. 4-Hydroxy-17-methyltestosterone. Methandrosteniolone. Anamidol. Balnimax. Oranabol. Ossimesterone. Tubil. Sanaboral. Theranabol



CAS Registry Number: 145-12-0

Molecular Formula: C₂₀H₃₀O₃

Molecular Weight: 318.455

Accurate Mass: 318.219495

Percentage Composition: C 75.43%; H 9.49%; O 15.07%

Use/Importance: Anabolic steroid. Androgen

Melting Point: Mp 169-171°

Optical Rotation: [α]_D²⁰+69 (c, 1 in EtOH)

Calculated Log P Data: Log P 3.66 (uncertain value) (calc)

References:

Junkmann, K. *et al.*, *Arzneim.-Forsch.*, 1962, **12**, 214, (*pharmacol*)

Camerino, B. *et al.*, *Gazz. Chim. Ital.*, 1962, **92**, 676; 693, (*synth*)

U.K. Pat., 1962, 848 288; *CA*, **56**, 4826, (*synth*)

Arnold, A. *et al.*, *J. Endocrinol.*, 1963, **28**, 87, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 9094