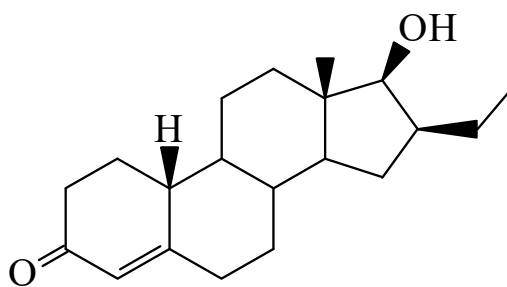




>>Entry Name: Oxendolone, INN, JAN, USAN

Synonym(s): 16-Ethyl-17-hydroxyestr-4-en-3-one, 9Cl. Prostetin. Roxenone. TSAA 291



CAS Registry Number: 33765-68-3

Molecular Formula:  $C_{20}H_{30}O_2$

Molecular Weight: 302.456

Accurate Mass: 302.22458

Percentage Composition: C 79.42%; H 10.00%; O 10.58%

Use/Importance: Antiandrogen (for treatment of benign prostatic hypertrophy). Hair growth promoter

Melting Point: Mp 152-153°

Optical Rotation:  $[\alpha]_D +41$  (c, 1.0 in EtOH)

Calculated Log P Data: Log P 3.75 (uncertain value) (calc)

#### References:

Yoshioka, K. *et al.*, *Chem. Pharm. Bull.*, 1975, **23**, 3203, (*synth*)

Goto, G. *et al.*, *Chem. Pharm. Bull.*, 1978, **26**, 1718, (*synth, pmr, ms, pharmacol*)

Masuoka, M. *et al.*, *Acta Endocrinol.*, Suppl., 1979, **92**, 1, (*rev*)

Midgley, I. *et al.*, *Steroids*, 1983, **41**, 521, (*metab*)