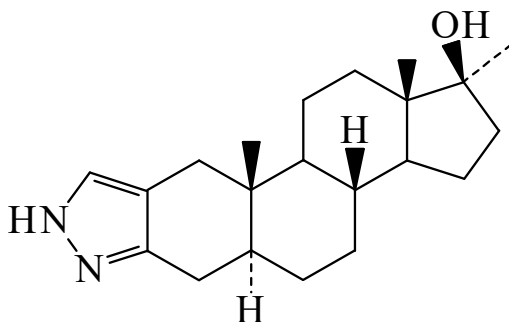




>>Entry Name: Stanozolol, BAN, INN, JAN, USAN

Synonym(s): 17-Methyl-2'*H*-androst-2-eno[3,2-*c*]pyrazol-17-ol, 9Cl. 17-Hydroxy-17-methylandrostando[3,2-*c*]pyrazole. Anabol. Anasyth. Androstanazol. Estazol. Stromba. Tevabolin. Winstrol. NSC 43193. Win 14833



CAS Registry Number: 10418-03-8

Molecular Formula: C₂₁H₃₂N₂O

Molecular Weight: 328.497

Accurate Mass: 328.251463

Percentage Composition: C 76.78%; H 9.82%; N 8.53%; O 4.87%

Use/Importance: Anabolic steroid

Physical Description: Cryst. (EtOH)

Melting Point: Mp 229.8-242°

Optical Rotation: [α]_D +35.7 (CHCl₃)

Calculated Log P Data: Log P 4.56 (uncertain value) (calc)

Other Data: Stereochem. is (5α,17βOH)

Sigma: S7649

References:

- Clinton, R.O. *et al.*, *J.A.C.S.*, 1959, **81**, 1513; 1961, **83**, 1478, (*synth*)
Noack, E.A. *et al.*, *Dtsch. Apoth. -Ztg.*, 1963, **103**, 91, (*synth, pharmacol*)
Kuhnert-Brandstaetter, M. *et al.*, *Microchem. J.*, 1972, **17**, 719, (*uv*)
Vargas, L. *et al.*, *Steroids Lipids Res.*, 1972, **3**, 353, (*pharmacol*)
Owen, R.T., *Drugs of Today (Barcelona)*, 1979, **15**, 276, (*rev, pharmacol*)
Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 9104