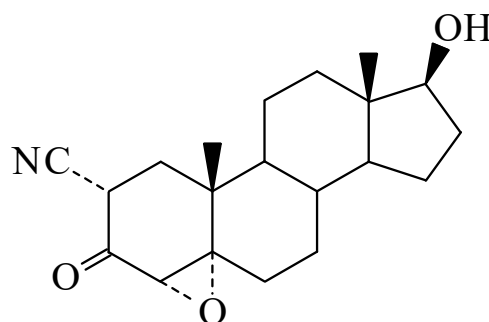




>>Entry Name: Trilostane, BAN, INN, JAN, USAN

Synonym(s): 4,5-Epoxy-17-hydroxy-3-oxoandrostande-2-carbonitrile, 9CI. 2-Cyano-4,5-epoxy-17-hydroxy-3-androstanone. Desopan. Modrastane. Modrenal. Trilox. Winstan. Win 24540



CAS Registry Number: 13647-35-3

Related CAS Registry Numbers(s): 89999-20-2

Molecular Formula: $C_{20}H_{27}NO_3$

Molecular Weight: 329.438

Accurate Mass: 329.199094

Percentage Composition: C 72.92%; H 8.26%; N 4.25%; O 14.57%

Use/Importance: Adrenocortical suppressant

Melting Point: Mp 258-270 dec.°

Optical Rotation: $[\alpha]_D +137.4$ (Py)

Calculated Log P Data: Log P 2.15 (uncertain value) (calc)

Other Data: Stereochem. is (2 α ,4 α ,5 α ,17 β)

References:

Neumann, H.C. *et al.*, *J. Med. Chem.*, 1970, **13**, 948, (*synth, pharmacol, uv, ir*)

Potts, G.O. *et al.*, *Steroids*, 1978, **32**, 257, (*pharmacol*)

Mori, Y. *et al.*, *Chem. Pharm. Bull.*, 1981, **29**, 2646, (*metab*)

Owen, R.T., *Drugs of Today (Barcelona)*, 1981, **17**, 201, (*rev*)

Christianson, R.G. *et al.*, *J. Med. Chem.*, 1984, **27**, 928, (*synth, pharmacol*)

Robinson, D.T. *et al.*, *J. Steroid Biochem.*, 1984, **21**, 601, (*metab*)

Brown, R.R. *et al.*, *J. Chromatogr.*, 1985, **339**, 440, (*hplc*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1423

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, EBY600