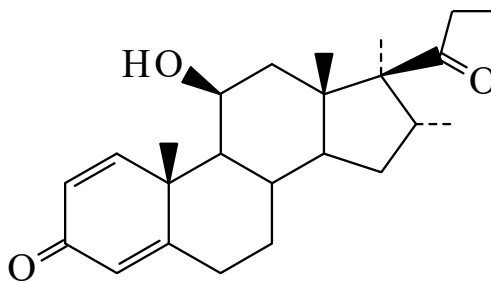




>>Entry Name: Rimexolone, BAN, INN, USAN

Synonym(s): 11-Hydroxy-16,17-dimethyl-17-(1-oxopropyl)androsta-1,4-dien-3-one, 9Cl. 11-Hydroxy-16,17,21-trimethylpregna-1,4-diene-3,20-dione. Trimexolone. Org 6216



CAS Registry Number: 49697-38-3

Molecular Formula: C₂₄H₃₄O₃

Molecular Weight: 370.531

Accurate Mass: 370.250795

Percentage Composition: C 77.80%; H 9.25%; O 12.95%

Use/Importance: Antiinflammatory, antiallergic agent

Physical Description: Cryst. (CH₂Cl₂/MeOH)

Melting Point: Mp 230-273 dec.°

Optical Rotation: [α]_D +100 (c, 0.92 in Py)

Calculated Log P Data: Log P 3.84 (uncertain value) (calc)

Other Data: Stereochem. is (11β,16α,17αCH₃)

References:

Lewis, A.J. *et al.*, *Agents Actions*, 1980, **10**, 258, (*pharmacol*)

Fox, P.K. *et al.*, *Arzneim.-Forsch.*, 1980, **30**, 55, (*pharmacol*)

Cairns, J. *et al.*, *J.C.S. Perkin I*, 1981, 2306, (*synth*)

Barnes, J.C. *et al.*, *Acta Cryst. C*, 1985, **41**, 763, (*cryst struct*)

Conrow, R.E. *et al.*, *J.O.C.*, 1999, **64**, 1042-1044, (*synth*)