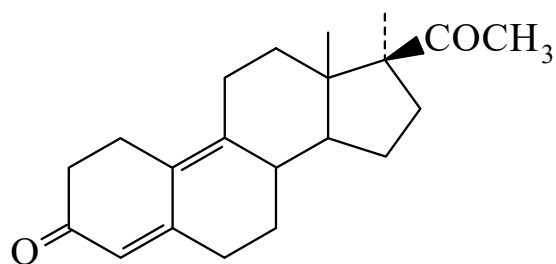




>>Entry Name: Demegestone, INN

Synonym(s): 17-Methyl-19-norpregna-4,9-diene-3,20-dione, 9Cl. 17-Methyl- Δ^9 -19-norprogesterone. Lutionex. R 2453



CAS Registry Number: 10116-22-0

Molecular Formula: $C_{21}H_{28}O_2$

Molecular Weight: 312.451

Accurate Mass: 312.20893

Percentage Composition: C 80.73%; H 9.03%; O 10.24%

Use/Importance: Progestogen

Physical Description: Cryst. (cyclohexane)

Melting Point: Mp 106°

Optical Rotation: $[\alpha]_D^{20} -270$ (c, 0.44 in EtOH)

Calculated Log P Data: Log P 3.35 (uncertain value) (calc)

References:

Netherlands Pat., 1966, 6 517 141; *CA*, 15471e, (*synth, pharmacol*)

Velluz, L. *et al.*, *Tetrahedron, Suppl.*, No. 8, 1966, 495, (*synth, props*)

Joly, R. *et al.*, *Bull. Soc. Chim. Fr.*, 1973, 2694, (*synth*)

Courseille, C. *et al.*, *Acta Cryst. B*, 1975, **31**, 2290, (*cryst struct*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1182