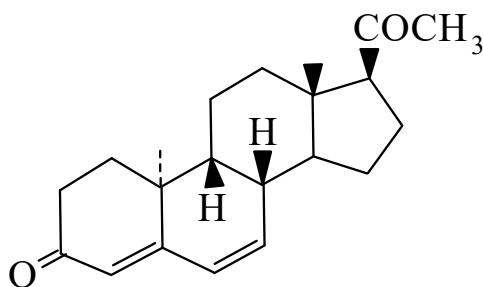




>>Entry Name: **Dydrogesterone**, BAN, INN, USAN

Synonym(s): 9 β ,10 α -Pregna-4,6-diene-3,20-dione. 6-Dehydro-9 β ,10 α -progesterone. Dufaston. Duphaston. Duvaron. Gestatron. Gynorest. Isopregnenone. Prodel. Retrone 'Merrill'. Terolut. NSC 92336



CAS Registry Number: 152-62-5

Type of Compound Code(s): AJ0450 AJ2500 XA6000

Molecular Formula: C₂₁H₂₈O₂

Molecular Weight: 312.451

Accurate Mass: 312.20893

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

Biological Use/Importance: Progestational steroid, used esp. for treatment of dysmenorrhoea

Physical Description: Cryst. (Me₂CO/hexane)

Development Status: Approved 1961

Melting Point: Mp 169-170°

Optical Rotation: [α]_D²⁵ -484.5 (CHCl₃)

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

References:

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Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1183

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