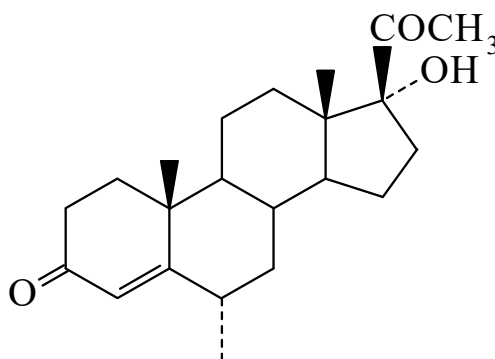




>>Entry Name: 17-Hydroxy-6-methylpregn-4-ene-3,20-dione, 9Cl



CAS Registry Number: 14423-24-6

Molecular Formula: $C_{22}H_{32}O_3$

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

>>Variant: (6 α ,17 α OH)-form

Synonym(s): Medroxyprogesterone, BAN, INN. 17 α -Hydroxy-6 α -methylprogesterone

CAS Registry Number: 520-85-4

Molecular Formula: $C_{22}H_{32}O_3$

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

Biological Use/Importance: Progestogen

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 220-223.5°

Optical Rotation: $[\alpha]_D^{22} +78$ (c, 1.04 in CHCl₃)

Calculated Log P Data: Log P 3.67 (uncertain value) (calc)

Other Data: λ_{max} 241 nm (EtOH)

Sigma: M6013

>>Derivative: Ac

Synonym(s): Medroxyprogesterone acetate, BAN, INN, USAN. Amen. Curretab. Cycrin. Depo-Provera. Farlutal. Gestoral. Perlutex. Prodasone. Provera. MSC 26386.

Many other names

CAS Registry Number: 71-58-9

Molecular Formula: $C_{24}H_{34}O_4$

Molecular Weight: 386.53

Accurate Mass: 386.24571

Percentage Composition: C 74.58%; H 8.87%; O 16.56%

Biological Use/Importance: Used as an injectable contraceptive

Physical Description: Cryst. (Me₂CO aq.)

Development Status: Marketed drug. Approved for pharmaceutical use 1992. Use banned in USA because of possible carcinogenicity

Melting Point: Mp 205-209°

Optical Rotation: $[\alpha]_D +66$ (CHCl₃)

Aldrich: 28664-8

Sigma: M1629