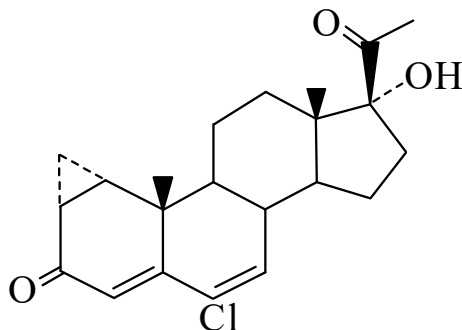




>>Entry Name: Cyproterone, BAN, INN

Synonym(s): 6-Chloro-1,2-dihydro-17-hydroxy-3'H-cyclopropa[1,2]pregna-4,6-diene-3,20-dione, 9Cl



CAS Registry Number: 2098-66-0

Molecular Formula: $C_{22}H_{27}ClO_3$

Molecular Weight: 374.906

Accurate Mass: 374.164872

Percentage Composition: C 70.48%; H 7.26%; Cl 9.46%; O 12.80%

Use/Importance: Antiandrogen

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 237.5-240°

Calculated Log P Data: Log P 2.85 (uncertain value) (calc)

>>Derivative: Ac

Synonym(s): Cyproterone acetate, JAN, USAN. Androcur. Andro-Diane. Cyprostat. NSC 81430. SH 714. SH 80714

CAS Registry Number: 427-51-0

Molecular Formula: $C_{24}H_{29}ClO_4$

Molecular Weight: 416.943

Accurate Mass: 416.175437

Percentage Composition: C 69.14%; H 7.01%; Cl 8.50%; O 15.35%

Use/Importance: Antiandrogen

Physical Description: Cryst. (diisopropyl ether)

Melting Point: Mp 200-201°

Calculated Log P Data: Log P 3.39 (uncertain value) (calc)

Hazard & Toxicity: Exp. teratogen

Sigma: C3412

References:

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Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 1180, (acetate)

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