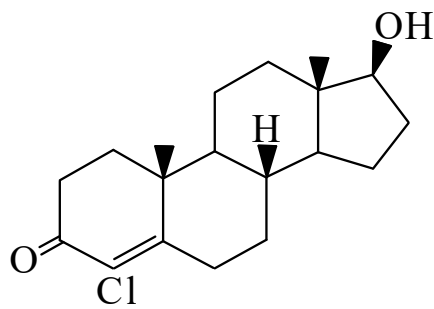




>>Entry Name: Clostebol, INN

Synonym(s): 4-Chloro-17 β -hydroxyandrost-4-en-3-one, 9Cl. 4-Chlorotestosterone



CAS Registry Number: 1093-58-9

Molecular Formula: C₁₉H₂₇ClO₂

Molecular Weight: 322.874

Accurate Mass: 322.169957

Percentage Composition: C 70.68%; H 8.43%; Cl 10.98%; O 9.91%

Use/Importance: Anabolic steroid

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 188-190°

Optical Rotation: [α]_D²⁰ +148 (CHCl₃)

Calculated Log P Data: Log P 3.99 (uncertain value) (calc)

Sigma: C4166

>>Derivative: Ac

Synonym(s): Clostebol acetate, BAN. Macrobin. Steranabol. Turinabol. Many other names

CAS Registry Number: 855-19-6

Molecular Formula: C₂₁H₂₉ClO₃

Molecular Weight: 364.911

Accurate Mass: 364.180522

Percentage Composition: C 69.12%; H 8.01%; Cl 9.72%; O 13.15%

Use/Importance: Anabolic steroid

Physical Description: Cryst.

Melting Point: Mp 228-230°

Optical Rotation: [α]_D +118 (CHCl₃)

Calculated Log P Data: Log P 4.94 (uncertain value) (calc)

Sigma: C2427

>>Derivative: Hexanoyl

Synonym(s): Clostebol caproate. Chlorotestosterone caproate, JAN. Macrobin-Depot

CAS Registry Number: 32361-10-7

Molecular Formula: C₂₅H₃₇ClO₃

Molecular Weight: 421.018

Accurate Mass: 420.243122

Percentage Composition: C 71.32%; H 8.86%; Cl 8.42%; O 11.40%

Use/Importance: Anabolic steroid

Calculated Log P Data: Log P 7.05 (uncertain value) (calc)

>>Derivative: Propanoyl

Synonym(s): Clostebol propionate. Yonchlon

CAS Registry Number: 2162-44-9

Molecular Formula: C₂₂H₃₁ClO₃

Molecular Weight: 378.938

Accurate Mass: 378.196172

Percentage Composition: C 69.73%; H 8.25%; Cl 9.36%; O 12.67%

Use/Importance: Anabolic steroid

Physical Description: Cryst. (MeOH)

Melting Point: Mp 161-163°