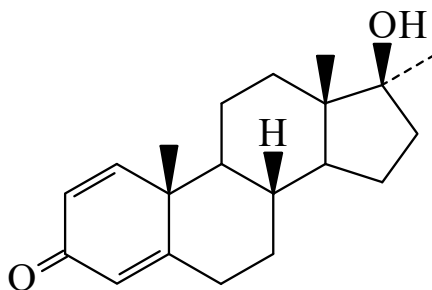




>>Entry Name: Metandienone, INN

Synonym(s): 17-Hydroxy-17-methylandrosta-1,4-dien-3-one. 1-Dehydro-17-methyltestosterone. Abirol. Danabol. Dianabol. Methandienone, BAN. Methandrolone. Methandrostenolone. Vetanabol



CAS Registry Number: 72-63-9

Related CAS Registry Numbers(s): 33526-40-8

Molecular Formula: C₂₀H₂₈O₂

Molecular Weight: 300.44

Accurate Mass: 300.20893

Percentage Composition: C 79.96%; H 9.39%; O 10.65%

Biological Use/Importance: Anabolic steroid used for correction of negative nitrogen balance

Physical Description: Cryst. (Me₂CO/Et₂O)

Development Status: Discontinued

Melting Point: Mp 163-164°

Optical Rotation: [α]_D²⁶ 0 (c, 1.2 in CHCl₃)

Calculated Log P Data: Log P 4.32 (uncertain value) (calc)

Other Data: Stereochem. is (17 β OH)

Sigma: M7025

>>Derivative: Oxime

CAS Registry Number: 20792-73-8

Molecular Formula: C₂₀H₂₉NO₂

Molecular Weight: 315.455

Accurate Mass: 315.219829

Percentage Composition: C 76.15%; H 9.27%; N 4.44%; O 10.14%

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 245-250°

>>Derivative: Ac

Molecular Formula: C₂₂H₃₀O₃

Molecular Weight: 342.477

Accurate Mass: 342.219495

Percentage Composition: C 77.16%; H 8.83%; O 14.02%

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 134-136°

Optical Rotation: [α]_D +14.5 (c, 1.07 in CHCl₃)

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