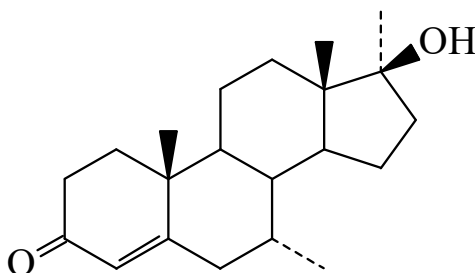




>>Entry Name: 17-Hydroxy-7,17-dimethylandro-4-en-3-one, 9CI, 8CI



Related CAS Registry Numbers(s): 70560-88-2

Molecular Formula: C₂₁H₃₂O₂

Molecular Weight: 316.483

Accurate Mass: 316.24023

Percentage Composition: C 79.70%; H 10.19%; O 10.11%

>>Variant: (7 α ,17 β OH)-form

Synonym(s): Bolasterone, INN, USAN. 7 α ,17-Dimethyltestosterone. Myagen. NSC 66233. U 19763

CAS Registry Number: 1605-89-6

Molecular Formula: C₂₁H₃₂O₂

Molecular Weight: 316.483

Accurate Mass: 316.24023

Percentage Composition: C 79.70%; H 10.19%; O 10.11%

Use/Importance: Anabolic steroid. Androgen

Physical Description: Cryst. (diisopropyl ether)

Melting Point: Mp 163-165°

Optical Rotation: $[\alpha]_D^{25} +25$ (CHCl₃)

Calculated Log P Data: Log P 4.26 (uncertain value) (calc)

Sigma: B3404

>>Derivative: Ac

CAS Registry Number: 13611-29-5

Molecular Formula: C₂₃H₃₄O₃

Molecular Weight: 358.52

Accurate Mass: 358.250795

Percentage Composition: C 77.05%; H 9.56%; O 13.39%

Physical Description: Cryst. (Me₂CO/petrol)

Melting Point: Mp 190-192°

Optical Rotation: $[\alpha]_D +90$ (CHCl₃)

>>Variant: (7 β ,17 β OH)-form

Synonym(s): Calusterone, INN, USAN. 7 β ,17-Dimethyltestosterone. Methosarb. Riedemil. NSC 88536. U 22550

CAS Registry Number: 17021-26-0

Molecular Formula: C₂₁H₃₂O₂

Molecular Weight: 316.483

Accurate Mass: 316.24023

Percentage Composition: C 79.70%; H 10.19%; O 10.11%

Use/Importance: Androgen, anabolic steroid, antineoplastic agent. Exp. haemopoietic effects

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 127-129°

Optical Rotation: $[\alpha]_D +57$ (CHCl₃)

Calculated Log P Data: Log P 4.26 (uncertain value) (calc)

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