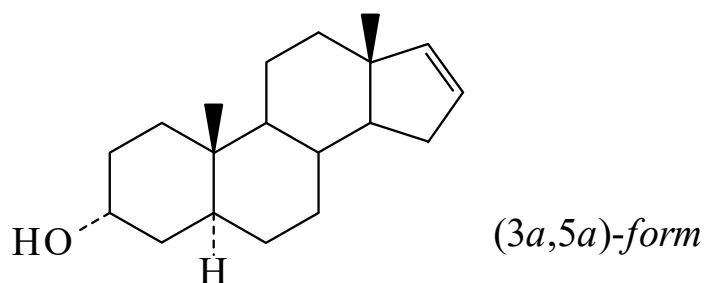




>>Entry Name: Androst-16-en-3-ol, 9Cl
ENTRY UNDER REVIEW



Molecular Formula: C₁₉H₃₀O
Molecular Weight: 274.445
Accurate Mass: 274.229665
Percentage Composition: C 83.15%; H 11.02%; O 5.83%

>>Variant: (3α,5α)-form

CAS Registry Number: 1153-51-1

Molecular Formula: C₁₉H₃₀O
Molecular Weight: 274.445
Accurate Mass: 274.229665
Percentage Composition: C 83.15%; H 11.02%; O 5.83%
Biological Source: Obt. from swine testes. Aroma substance from the Perigord truffle tuber
Use/Importance: Chemical lure for pigs
Physical Description: Cryst. (petrol)
Melting Point: Mp 143.5-144°
Optical Rotation: [α]_D²⁰+15 (c, 1.33 in CHCl₃)
Aldrich: W51071-8
Sigma: A7883

>>Derivative: Ac

Molecular Formula: C₂₁H₃₂O₂
Molecular Weight: 316.483
Accurate Mass: 316.24023
Percentage Composition: C 79.70%; H 10.19%; O 10.11%
Melting Point: Mp 132-133°
Optical Rotation: [α]_D²⁶+20.5 (c, 0.5 in EtOH)

>>Variant: (3α,5β)-form

CAS Registry Number: 4572-71-8
Molecular Formula: C₁₉H₃₀O
Molecular Weight: 274.445
Accurate Mass: 274.229665
Percentage Composition: C 83.15%; H 11.02%; O 5.83%
Physical Description: Needles (Me₂CO)
Melting Point: Mp 148.5-149.5°
Optical Rotation: [α]_D¹⁶+20.4 (c, 0.736 in CHCl₃)

>>Derivative: Ac

Molecular Formula: C₂₁H₃₂O₃
Molecular Weight: 332.482
Accurate Mass: 332.235145
Percentage Composition: C 75.86%; H 9.70%; O 14.44%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 74°
Optical Rotation: [α]_D²⁰-8 (c, 1.8 in CHCl₃)