



Accurate Mass: 484.35526
Percentage Composition: C 76.82%; H 9.98%; O 13.20%
Biological Use/Importance: Androgen
Calculated Log P Data: Log P 8.02 (uncertain value) (calc)

>>Derivative: 17-Phenylacetyl

Synonym(s): Testosterone phenylacetate

CAS Registry Number: 5704-03-0

Molecular Formula: C₂₇H₃₄O₃
Molecular Weight: 406.564
Accurate Mass: 406.250795
Percentage Composition: C 79.77%; H 8.43%; O 11.81%
Biological Use/Importance: Androgen
Physical Description: Stout prisms
Melting Point: Mp 126.5-127.5°
Optical Rotation: [α]_D²⁵+87 (dioxan)
Calculated Log P Data: Log P 5.8 (uncertain value) (calc)

>>Derivative: 17-(Phenylpropanoyl)

Synonym(s): Testosterone phenylpropionate, BAN. Testosterone hydrocinnamate

CAS Registry Number: 1255-49-8

Molecular Formula: C₂₈H₃₆O₃
Molecular Weight: 420.591
Accurate Mass: 420.266445
Percentage Composition: C 79.96%; H 8.63%; O 11.41%
Biological Use/Importance: Depot-androgen
Melting Point: Mp 116-117°
Optical Rotation: [α]_D²⁵+86.8 (dioxan)
Calculated Log P Data: Log P 6.11 (uncertain value) (calc)

Sigma: T9890

>>Derivative: 17-(4-Hexyloxyphenyl)propanoyl

Synonym(s): Testosterone hexyloxyphenylpropionate. Andradurin

CAS Registry Number: 4838-37-3

Molecular Formula: C₃₄H₄₈O₄
Molecular Weight: 520.751
Accurate Mass: 520.35526
Percentage Composition: C 78.42%; H 9.29%; O 12.29%
Biological Use/Importance: Depot-androgen
Melting Point: Mp 59-60°
Optical Rotation: [α]_D+76 (dioxan)
Calculated Log P Data: Log P 8.68 (uncertain value) (calc)

>>Derivative: 17-(2-Furoyl)

Synonym(s): Testosterone furoate. Furotest

CAS Registry Number: 60895-85-4

Molecular Formula: C₂₄H₃₀O₄
Molecular Weight: 382.499
Accurate Mass: 382.21441
Percentage Composition: C 75.36%; H 7.91%; O 16.73%
Biological Use/Importance: Androgen
Melting Point: Mp 221°
Optical Rotation: [α]_D²⁷+170.5 (c, 1 in EtOH)
Calculated Log P Data: Log P 5.27 (uncertain value) (calc)