



Molecular Formula: $C_{21}H_{28}O_3$
Molecular Weight: 328.45
Accurate Mass: 328.203845
Percentage Composition: C 76.79%; H 8.59%; O 14.61%
Biological Use/Importance: Estrogen
Melting Point: Mp 199-200°
Calculated Log P Data: Log P 5.26 (uncertain value) (calc)
Sigma: E1758

>>**Derivative:** 3,17-Dipropanoyl
Synonym(s): Estradiol dipropionate, BAN. Agofollin. Diovocyclin. Many other names

CAS Registry Number: 113-38-2

Molecular Formula: $C_{24}H_{32}O_4$
Molecular Weight: 384.514
Accurate Mass: 384.23006
Percentage Composition: C 74.97%; H 8.39%; O 16.64%
Biological Use/Importance: Estrogen
Physical Description: Leaflets (MeOH aq.)
Melting Point: Mp 104-105°
Calculated Log P Data: Log P 5.8 (uncertain value) (calc)

Sigma: E9125

>>**Derivative:** 17-Pentanoyl
Synonym(s): Estradiol valerate, INN, USAN. Oestradiol valerate, BAN. Atladiol. Deladiol. Delestrogen. Estraval. Progynova. Valergen. Many other names

CAS Registry Number: 979-32-8

Molecular Formula: $C_{23}H_{32}O_3$
Molecular Weight: 356.504
Accurate Mass: 356.235145
Percentage Composition: C 77.49%; H 9.05%; O 13.46%
Biological Use/Importance: Estrogen
Melting Point: Mp 144-145°
Calculated Log P Data: Log P 6.32 (uncertain value) (calc)

Sigma: E1631

>>**Derivative:** 17-Heptanoyl
Synonym(s): Estradiol enanthate, INN, USAN. Deladroxate. SQ 16150

CAS Registry Number: 4956-37-0

Molecular Formula: $C_{25}H_{36}O_3$
Molecular Weight: 384.558
Accurate Mass: 384.266445
Percentage Composition: C 78.08%; H 9.44%; O 12.48%
Biological Use/Importance: Estrogen
Physical Description: Cryst. (diisopropyl ether)
Melting Point: Mp 94-96°
Calculated Log P Data: Log P 7.37 (uncertain value) (calc)
Sigma: E1756

>>**Derivative:** 3,17-Diheptanoyl
Synonym(s): Estradiol dienanthate

CAS Registry Number: 7732-97-0

Molecular Formula: $C_{32}H_{48}O_4$
Molecular Weight: 496.729
Accurate Mass: 496.35526
Percentage Composition: C 77.38%; H 9.74%; O 12.88%
Biological Use/Importance: Estrogen
Calculated Log P Data: Log P 10.04 (uncertain value) (calc)