



Optical Rotation: $[\alpha]_{\text{D}}^{18} -27.8$ (c, 0.13 in CHCl_3)
Sigma: E4761

>>Derivative: Tri-Ac

CAS Registry Number: 2284-32-4
Molecular Formula: $\text{C}_{24}\text{H}_{30}\text{O}_6$
Molecular Weight: 414.497
Percentage Composition: C 69.55%; H 7.29%; O 23.16%
Use/Importance: Ten times as physiologically active as Estriol
Physical Description: Plates (MeOH)
Melting Point: Mp 128-129°

Sigma: E6501

>>Derivative: Tripropanoyl
Synonym(s): Estriol tripropionate, Estriol

CAS Registry Number: 2236-31-9

Molecular Formula: $\text{C}_{27}\text{H}_{36}\text{O}_6$
Molecular Weight: 456.578
Accurate Mass: 456.25119
Percentage Composition: C 71.03%; H 7.95%; O 21.03%
Use/Importance: Estrogen
Melting Point: Mp 100-101°
Optical Rotation: $[\alpha]_{\text{D}}^{20} -9$ (c, 1.02 in dioxan)
Calculated Log P Data: Log P 5.95 (uncertain value) (calc)

>>Derivative: 16,17-Bis(3-carboxypropanoyl)
Synonym(s): Oestriol succinate, BAN. **Estriol succinate**, INN. Many other names

CAS Registry Number: 514-68-1

Molecular Formula: $\text{C}_{26}\text{H}_{32}\text{O}_9$
Molecular Weight: 488.533
Accurate Mass: 488.204635
Percentage Composition: C 63.92%; H 6.60%; O 29.47%
Use/Importance: Estrogen. Used in treatment of thrombocytopenic haemorrhage
Physical Description: Cryst. (MeOH aq.)
Calculated Log P Data: Log P 3.82 (uncertain value) (calc)
Other Data: Also used as Na salt, Oestriol sodium succinate, BAN

>>Derivative: 3-Benzoyl, 16,17-di-Ac
Synonym(s): Oestriol diacetate benzoate. **Estriol acetate benzoate**, JAN. Holin-Depot

CAS Registry Number: 2508-47-6

Molecular Formula: $\text{C}_{29}\text{H}_{32}\text{O}_6$
Molecular Weight: 476.568
Accurate Mass: 476.21989
Percentage Composition: C 73.09%; H 6.77%; O 20.14%
Use/Importance: Estrogen
Melting Point: Mp 180-182°
Optical Rotation: $[\alpha]_{\text{D}}^{20} -2$ (c, 0.92 in dioxan)
Calculated Log P Data: Log P 6.49 (uncertain value) (calc)

>>Derivative: 3-Me ether

CAS Registry Number: 1474-53-9

Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 167-168°

Sigma: E9625