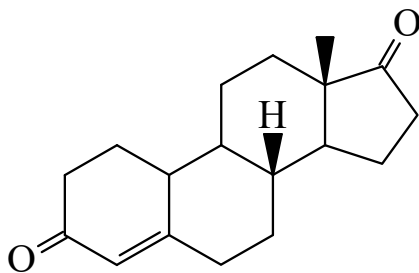




>>Entry Name: Estr-4-ene-3,17-dione, 9Cl
Synonym(s): 19-Norandrost-4-ene-3,17-dione



CAS Registry Number: 734-32-7
Related CAS Registry Numbers(s): 17131-69-0

Molecular Formula: $C_{18}H_{24}O_2$
Molecular Weight: 272.386
Accurate Mass: 272.17763
Percentage Composition: C 79.37%; H 8.88%; O 11.75%
Biological Source: Semisynth. steroid prod. from estr-4-ene-17 α -ol-3-one by incubating with *Corynebacterium simplex*
Physical Description: Plates (Me₂CO/hexane)
Melting Point: Mp 173-174°
Optical Rotation: $[\alpha]_D^{25} +139.5$ (c, 0.95 in CHCl₃)

Rare Chemicals Library: S51799-2
Sigma: N1141

>>Variant: 9 β -form

CAS Registry Number: 6827-75-4
Molecular Formula: $C_{18}H_{24}O_2$
Molecular Weight: 272.386
Accurate Mass: 272.17763
Percentage Composition: C 79.37%; H 8.88%; O 11.75%
Physical Description: Cryst. (Et₂O/hexane)
Melting Point: Mp 174-176°

>>Variant: (9 β ,10 α)-form

CAS Registry Number: 2645-92-3
Molecular Formula: $C_{18}H_{24}O_2$
Molecular Weight: 272.386
Accurate Mass: 272.17763
Percentage Composition: C 79.37%; H 8.88%; O 11.75%
Physical Description: Needles (Me₂CO/diisopropyl ether)
Melting Point: Mp 135°
Optical Rotation: $[\alpha]_D^{25} -23.9$ (c, 1.055 in CHCl₃)

>>Variant: 10 α -form

CAS Registry Number: 5696-23-1
Molecular Formula: $C_{18}H_{24}O_2$
Molecular Weight: 272.386
Accurate Mass: 272.17763
Percentage Composition: C 79.37%; H 8.88%; O 11.75%
Physical Description: Cryst. (Et₂O/hexane)
Melting Point: Mp 164°

>>Variant: 13 α -form

CAS Registry Number: 17131-67-8
Molecular Formula: $C_{18}H_{24}O_2$
Molecular Weight: 272.386
Accurate Mass: 272.17763
Percentage Composition: C 79.37%; H 8.88%; O 11.75%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 160-162°
Optical Rotation: $[\alpha]_D -45$ (CHCl₃)