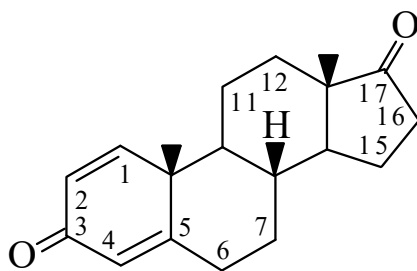




>>Entry Name: Androsta-1,4-diene-3,17-dione



CAS Registry Number: 897-06-3

Molecular Formula: C₁₉H₂₄O₂

Molecular Weight: 284.397

Accurate Mass: 284.17763

Percentage Composition: C 80.24%; H 8.51%; O 11.25%

Biological Source: Obt. by microbial degradn. of Cholesterol and other steroids. Abnormal hormonal metab. found in mammary neoplasms etc. Constit. of *Aglaia rubiginosa*

Use/Importance: Synthetic reagent for steroid hormones

Melting Point: Mp 141-142°

Optical Rotation: [α]_D +115 (CHCl₃)

UV: [neutral] $\lambda_{\max}$ 240 (ϵ 7652) (MeOH)

Aldrich: 85116-7

Sigma: A7505

References:

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Boar, R.B. *et al.*, *J.C.S. Perkin 1*, 1975, 1275, (*pmr*)

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