



>> Name: Androsta-3,5-dien-17-one

CAS Registry Number: 1912-63-6

Structure by analogy with Androsta-1,4-diene-3,16-dione, [CBN71-J](#)

Molecular Formula: C₁₉H₂₆O

Molecular Weight: 270.414

Accurate Mass: 270.198365

Percentage Composition: C 84.39%; H 9.69%; O 5.92%

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 94-95° (85-87°)

Optical Rotation: [α]_D^{24.5} -102.5 (CHCl₃)

Sigma: A2761

References:

Ross, W.J.C., *J.C.S.*, 1945, 25, (*synth*)

Nagata, W. *et al.*, *Chem. Pharm. Bull.*, 1966, **14**, 174, (*synth*)

Cacchi, S. *et al.*, *Tet. Lett.*, 1984, **25**, 4821, (*synth*)

D'Onofrio, F. *et al.*, *Synthesis*, 1985, 1159, (*synth*)

Williams, J.R. *et al.*, *Synthesis*, 1988, 705, (*synth*)