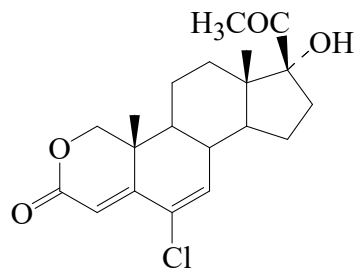




>>Entry Name: Osaterone

Synonym(s): 6-Chloro-17-hydroxy-2-oxapregna-4,6-diene-3,20-dione, 9Cl



CAS Registry Number: 105149-04-0

Molecular Formula: C₂₀H₂₅ClO₄

Molecular Weight: 364.868

Accurate Mass: 364.144137

Percentage Composition: C 65.84%; H 6.91%; Cl 9.72%; O 17.54%

Other Data: Stereochem. is 17 α OH

>>Derivative: Ac

Synonym(s): TZP 4328

CAS Registry Number: 105149-00-6

Molecular Formula: C₂₂H₂₇ClO₅

Molecular Weight: 406.905

Accurate Mass: 406.154702

Percentage Composition: C 64.94%; H 6.69%; Cl 8.71%; O 19.66%

Biological Use/Importance: Progestogen and antiandrogen. Potentially useful in the treatment of osteoporosis

Physical Description: Prisms (Me₂CO/hexane)

Melting Point: Mp 253-255°

References:

Eur. Pat., 1986, *Teikoku*, 193 871; *CA*, **105**, 209282z, (*synth, Ac, pharmacol*)

Shibita, K. *et al.*, *Chem. Pharm. Bull.*, 1992, **40**, 835-941, (*synth, Ac, pharmacol*)

Fuse, H. *et al.*, *J. Bone Min. Res.*, 1997, **12**, 590-597, (*pharmacol*)