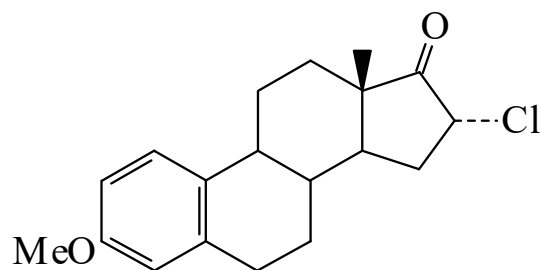




>>Entry Name: Clomestrone

Synonym(s): 16 α -Chloro-3-methoxyestra-1,3,5(10)-trien-17-one, 9Cl. Arterolo. Atheran. Colesterel. Iposclerone. Liprotene. Persclerol. SC 8246. Many other names



CAS Registry Number: 4091-75-2

Molecular Formula: C₁₉H₂₃ClO₂

Molecular Weight: 318.842

Accurate Mass: 318.138657

Percentage Composition: C 71.57%; H 7.27%; Cl 11.12%; O 10.04%

Use/Importance: Antihypercholesterolaemic agent

Physical Description: Cryst. (CHCl₃ or MeCN)

Melting Point: Mp 179-180°

Optical Rotation: [α]_D +161 (CHCl₃)

Calculated Log P Data: Log P 4.2 (uncertain value) (calc)

References:

Mueller, G.P. *et al.*, *J.A.C.S.*, 1958, **80**, 1769, (*synth, props*)

Fr. Pat., 1964, *Laboratoires Sobio*, 1 350 100; *CA*, **61**, 5720, (*synth, props*)

Nambara, T. *et al.*, *Chem. Pharm. Bull.*, 1971, **19**, 2096, (*metab*)

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., *Akademie-Verlag*, 1994, 7149, (*synonyms*)