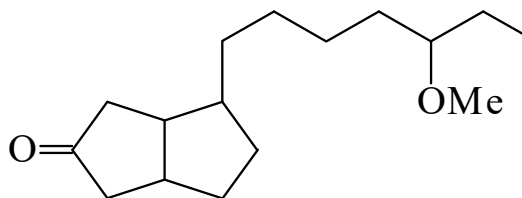




>>Entry Name: **Cioteronel**, INN, USAN

Synonym(s): Hexahydro-4-(5-methoxyheptyl)-2(1*H*)-pentalenone, 9Cl. 2-(5-Methoxyhept-1-yl)bicyclo[3.3.0]octan-7-one. X-Andron. Cyoctol. CPC 10997



CAS Registry Number: 89672-11-7

Molecular Formula: C₁₆H₂₈O₂

Molecular Weight: 252.396

Accurate Mass: 252.20893

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Use/Importance: Antiandrogenic, antineoplastic and antiacne props.

Development Status: Phase III clinical trials (1992)

Calculated Log P Data: Log P 3.24 (calc)

References:

Pat. Coop. Treaty (WIPO), 1983, *CBD*, 83 04 019; *CA*, **101**, 23037k, (*synth, pharmacol*)

Ford, L.C. *et al.*, *Chemotherapy (Basel)*, 1985, **31**, 362, (*pharmacol*)

Wiechers, J.W. *et al.*, *Int. J. Pharm.*, 1990, **65**, 77, (*metab*)