



Datasheet Delmadinone acetate

Reference number : EU/CRL: 51

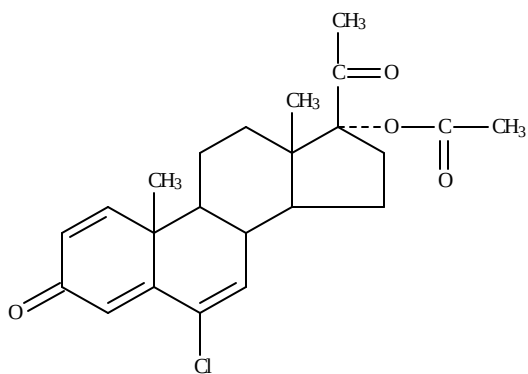
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“Bank of Reference Standards”

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DELMADINONE-ACETATE

Name : 6-chloro-17-hydroxypregna-1,4,6-triene-3,20-dione acetate
 Synonym : Delmadinone acetate
 Molecular formula : $C_{23}H_{27}ClO_4$
 Cas # : not available
 Molecular weight : 402.2
 Indication of purity: > 95 %

 Last update : 1998.01.06

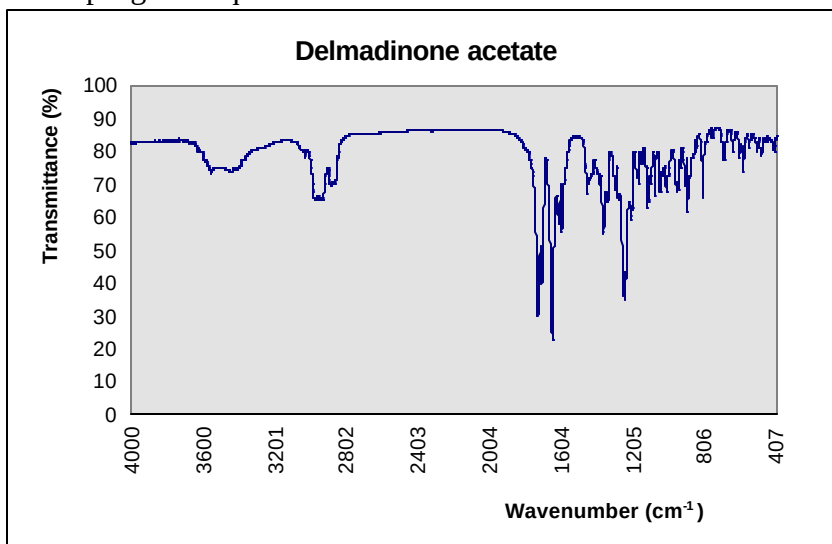
Methods used for characterization

- I IR spectroscopy**
- II Mass spectrometry**
- III UV spectroscopy**

I IR-SPECTROSCOPY

Instrument: Bruker IFS-55 FTIR; detector DTGS

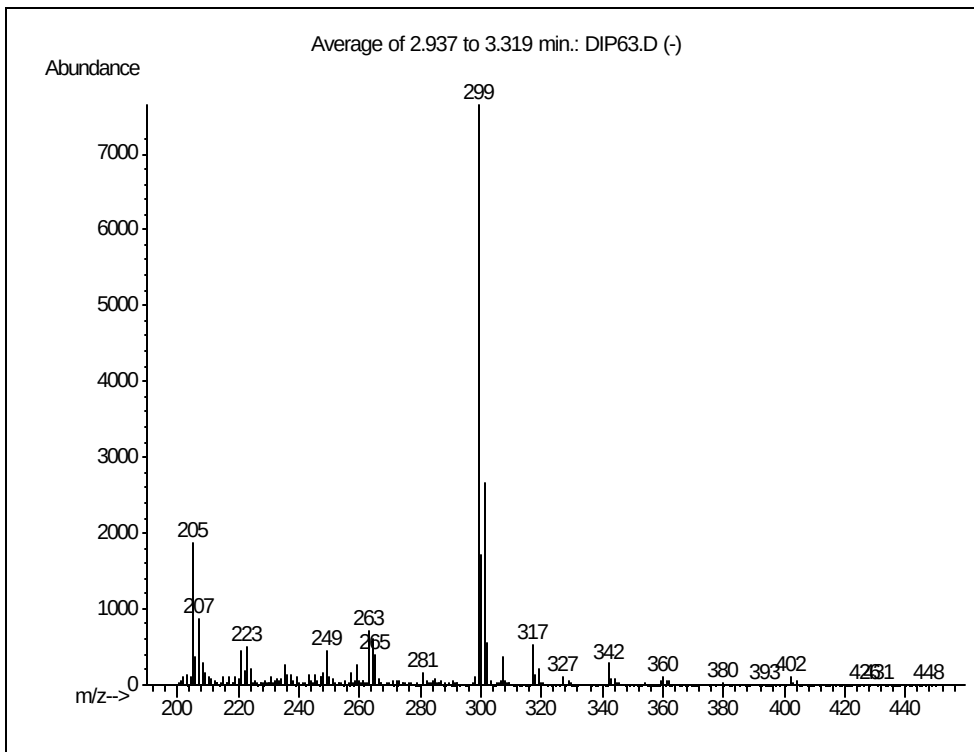
Sampling technique: KBr-tablet.



II MASS-SPECTROMETRY

Instrument: Hewlett Packard 5989 A MS

GC-MS spectrum, DIP = direct inlet probe



III UV SPECTROSCOPY

Instrument: Cary 3 UV-Visible Spectrophotometer.

Concentration Delmadinone = 0.124 mM ; solvent : methanol

$\epsilon_{297.5 \text{ nm}} = 9960$

$\epsilon_{257.5 \text{ nm}} = 9620$

