Datasheet Delmadinone acetate

Reference number : EU/CRL: 51

Date of preparation : 1997.05.22

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source : RIVM

“Bank of Reference Standards”

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Name: 6-chloro-17-hydroxypregna-1,4,6-triene-3,20-dione acetate
Synonym: Delmadinone acetate
Molecular formula: C\textsubscript{23}H\textsubscript{27}ClO\textsubscript{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.

![Delmadinone acetate IR spectrum](image)

II MASS-SPECTROMETRY

Instrument: Hewlett Packard 5989 A MS
GC-MS spectrum, DIP = direct inlet probe

![Delmadinone acetate GC-MS spectrum](image)
III UV SPECTROSCOPY

Instrument: Cary 3 UV-Visible Spectrophotometer.
Concentration Delmadinone = 0.124 mM; solvent: methanol

$\varepsilon_{297.5 \text{ nm}} = 9960$
$\varepsilon_{257.5 \text{ nm}} = 9620$

![Delmadinone acetate UV spectrum](image-url)