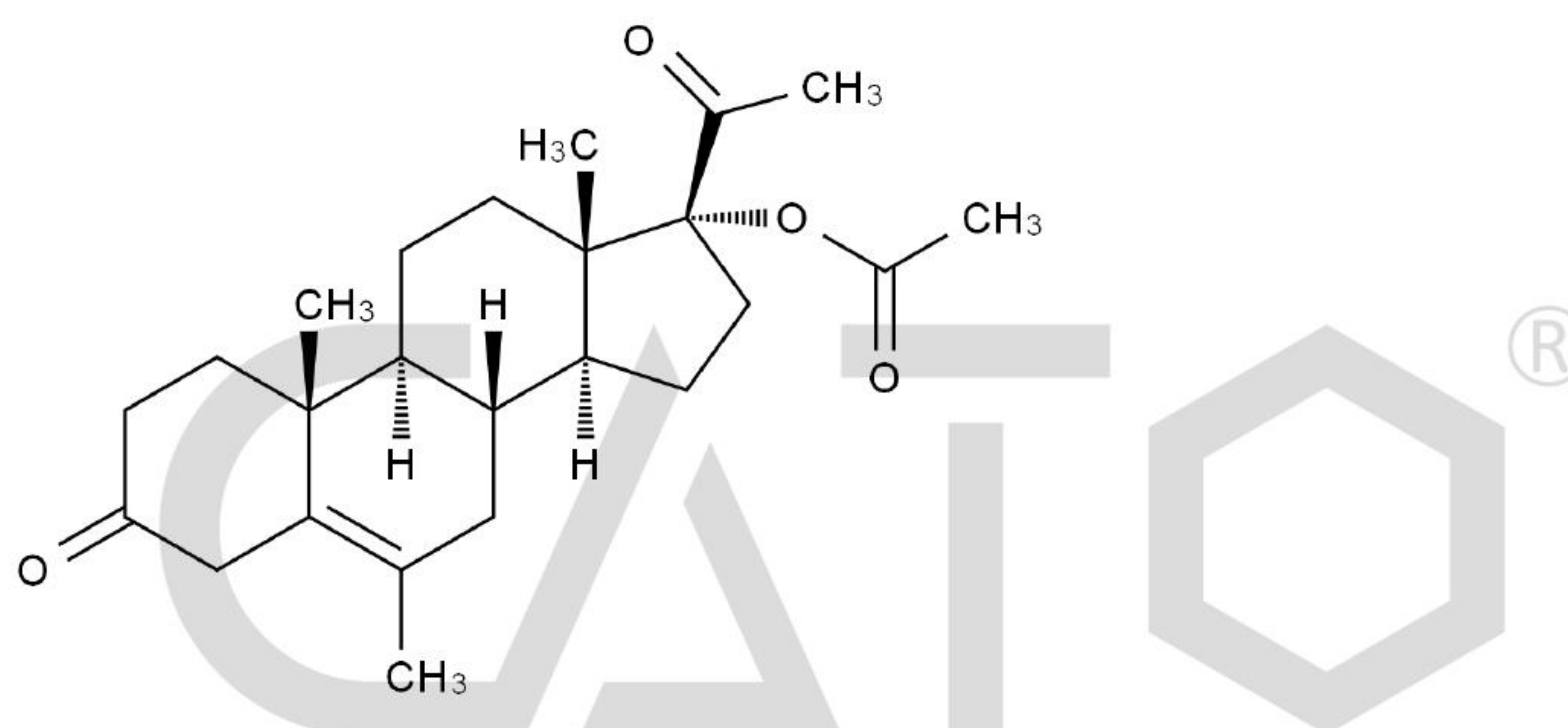


Certificate of Analysis

Reference Material & Standard

Product Name:	Megestrol Acetate EP Impurity J	Catalogue Number:	C4X-141410
Synonyms:	N/A	Lot Number:	1228-RG-0005
CAS Number:	14994-27-5	Expiry Date:	Jun 30, 2027
Molecular Formula:	C ₂₄ H ₃₄ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	386.52	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	97.6488%
Water Content	Karl Fischer	0.00%
Residual Solvents	NMR	0.4% methanol
Assay		97.3%

Comment:

- The compound contains 1.0% Medroxyprogesterone Acetate (RT 7.39) according to its HPLC.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Dec 31, 2025

Date: Dec 31, 2025

Date: Dec 31, 2025



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