

Certificate of Analysis

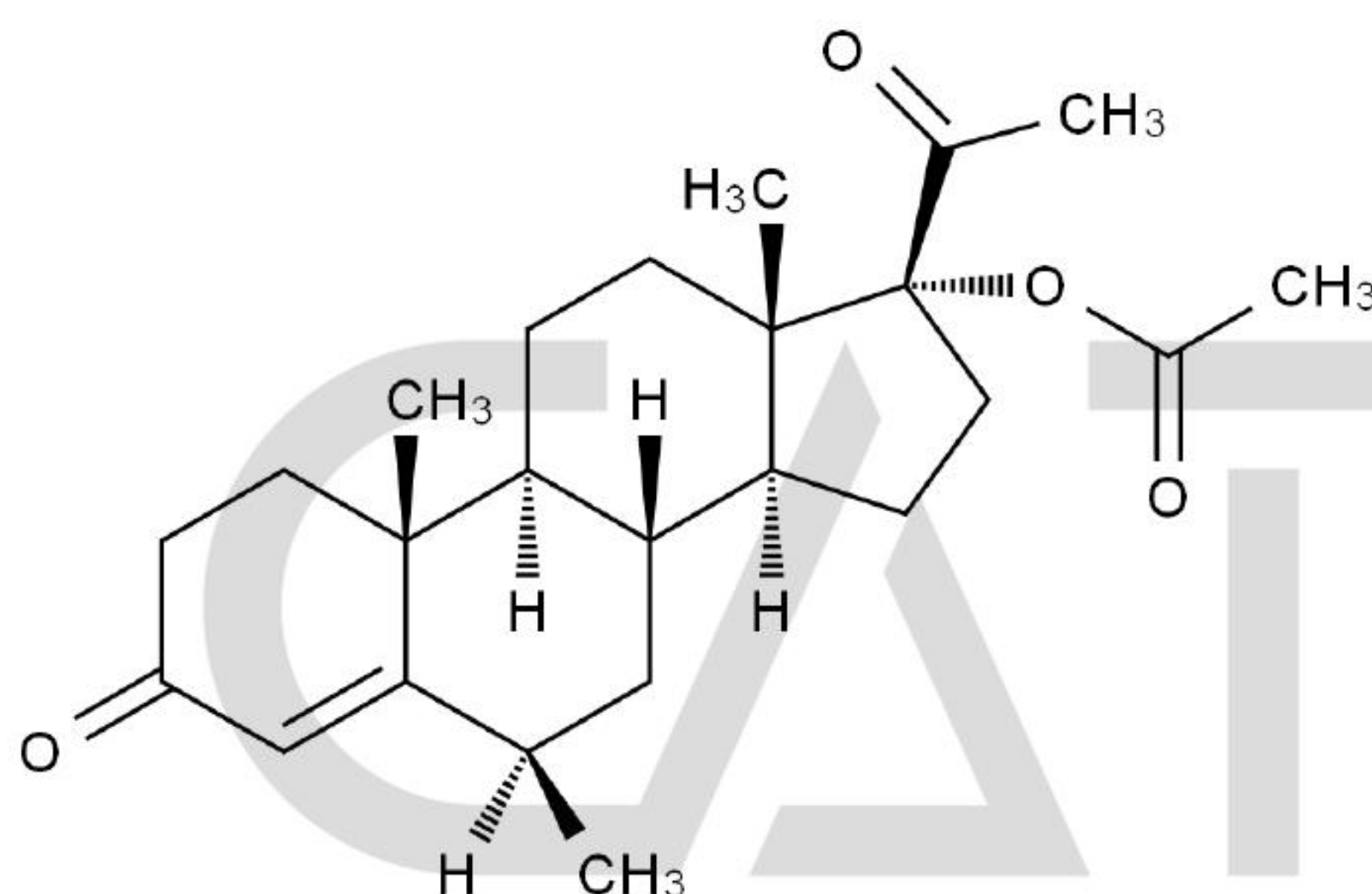
Reference Material & Standard

Product Name:	Medroxyprogesterone Acetate EP Impurity D	Catalogue Number:	C4X-14146
Synonyms:	N/A	Lot Number:	0113-RG-0143
CAS Number:	2242-65-1	Expiry Date:	Nov 13, 2026
Molecular Formula:	C ₂₄ H ₃₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	386.52	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	96.79%
Residue on Ignition	TGA	0.44%
Loss on Drying	TGA	0.01%
Assay		96.4%

Comment:

- Mixture of Tautomer.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 21, 2025

Date: May 21, 2025

Date: May 21, 2025



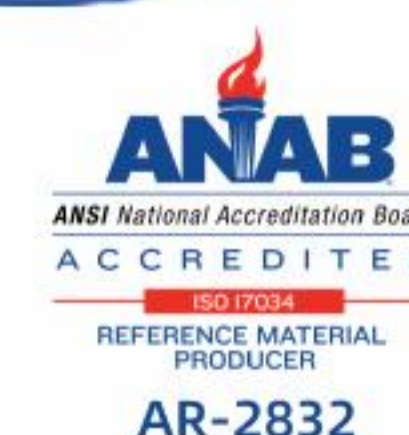
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 10



Official
WeChat