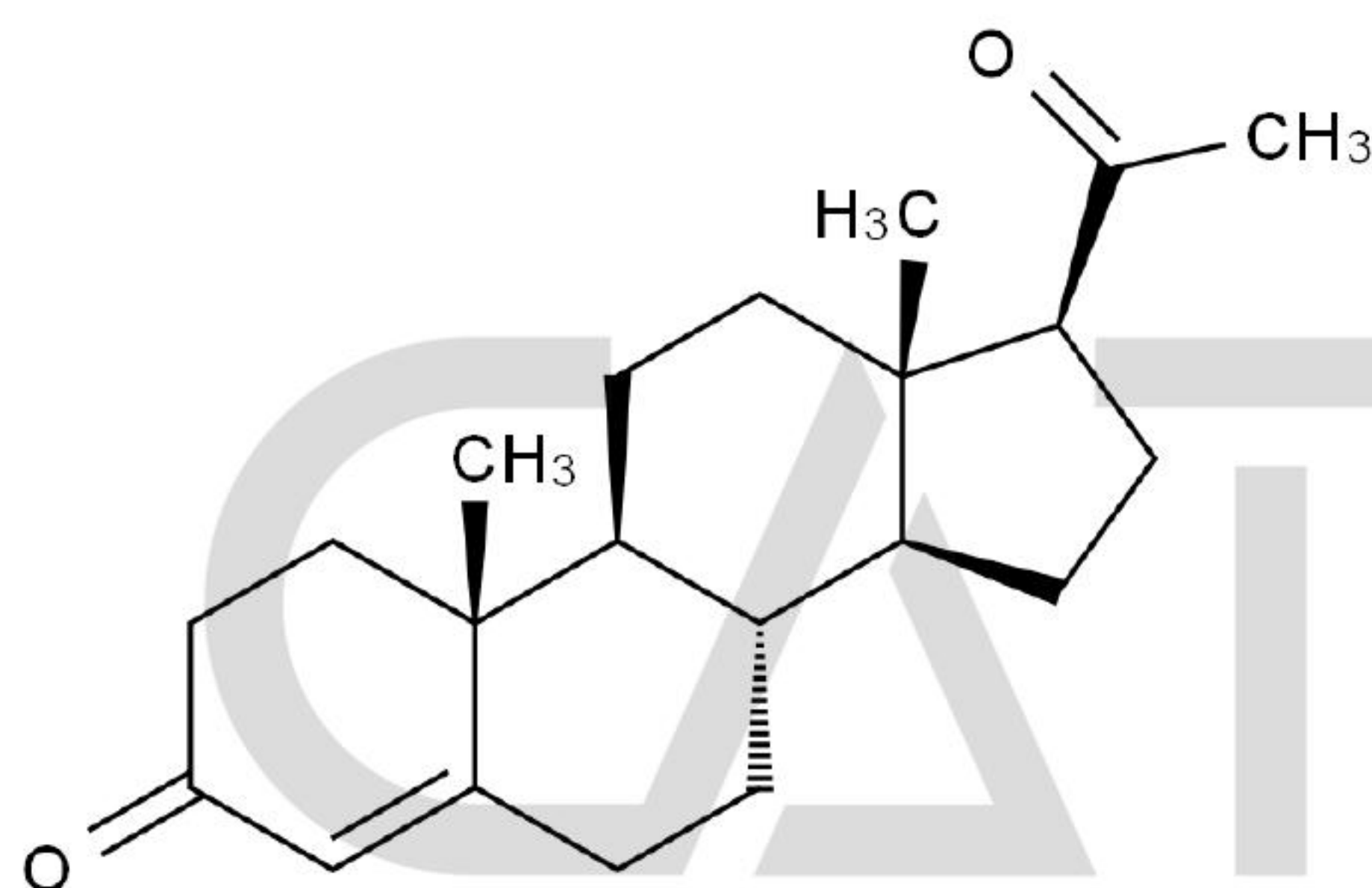


Certificate of Analysis

Reference Material & Standard

Product Name:	Progesterone	Catalogue Number:	C4X-1502
Synonyms:	N/A	Lot Number:	1208-RG-0039
CAS Number:	57-83-0	Expiry Date:	Dec 10, 2029
Molecular Formula:	C ₂₁ H ₃₀ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	314.46	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.681%
Residue on Ignition	TGA	0.3445%
Loss On Drying	TGA	0.1691%
Assay		99.2%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * 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: Dec 11, 2025

Date: Dec 11, 2025

Date: Dec 11, 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>

