

Certificate of Analysis

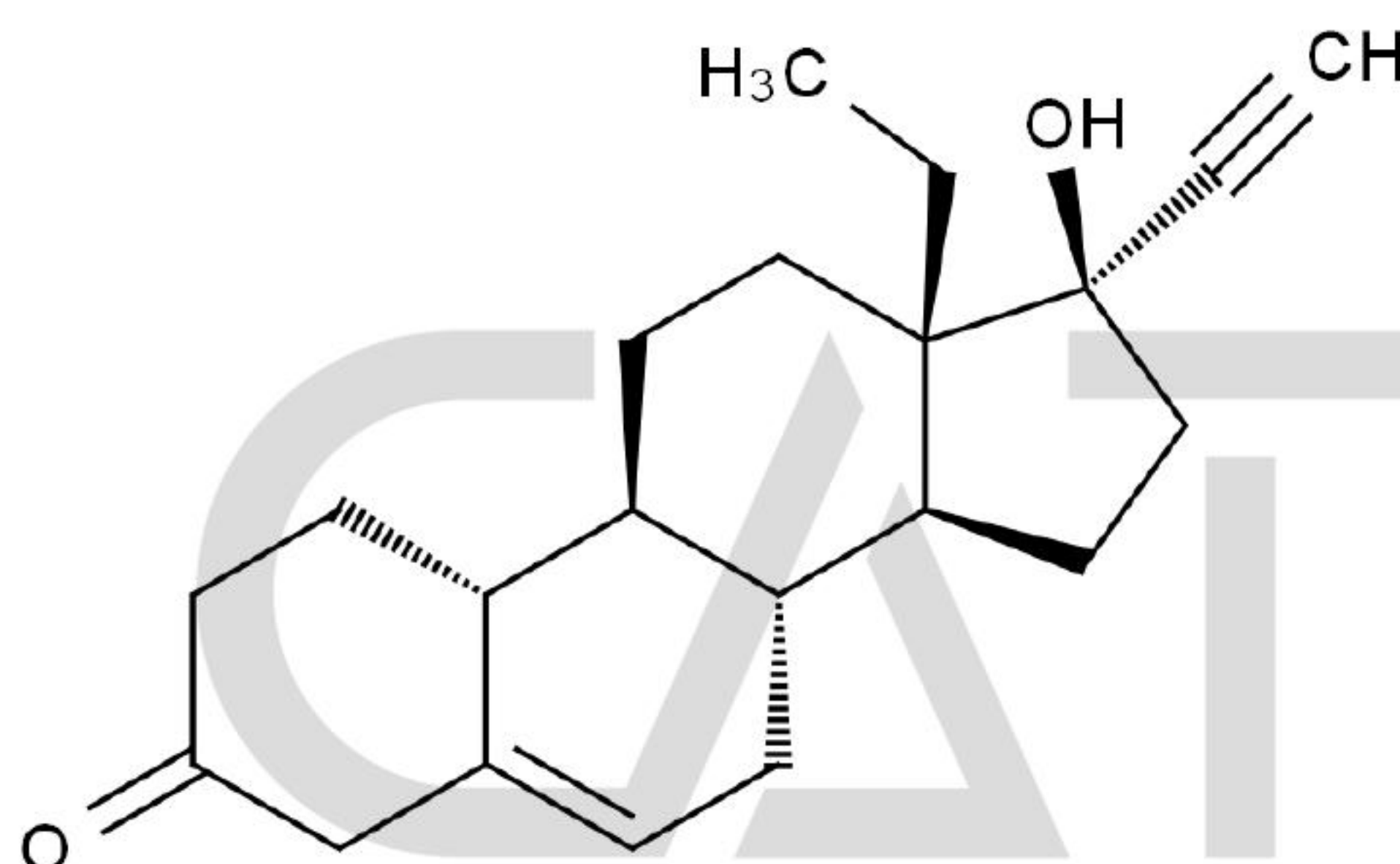
Reference Material & Standard

Product Name:	Levonorgestrel EP Impurity P	Catalogue Number:	C4X-167716
Synonyms:	N/A	Lot Number:	1210-RG-0002
CAS Number:	100021-05-4	Expiry Date:	Dec 08, 2029
Molecular Formula:	C ₂₁ H ₂₈ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	312.45	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	85.929%
Loss On Drying	TGA	0.1600%
Assay		85.8%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 10, 2025

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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>

