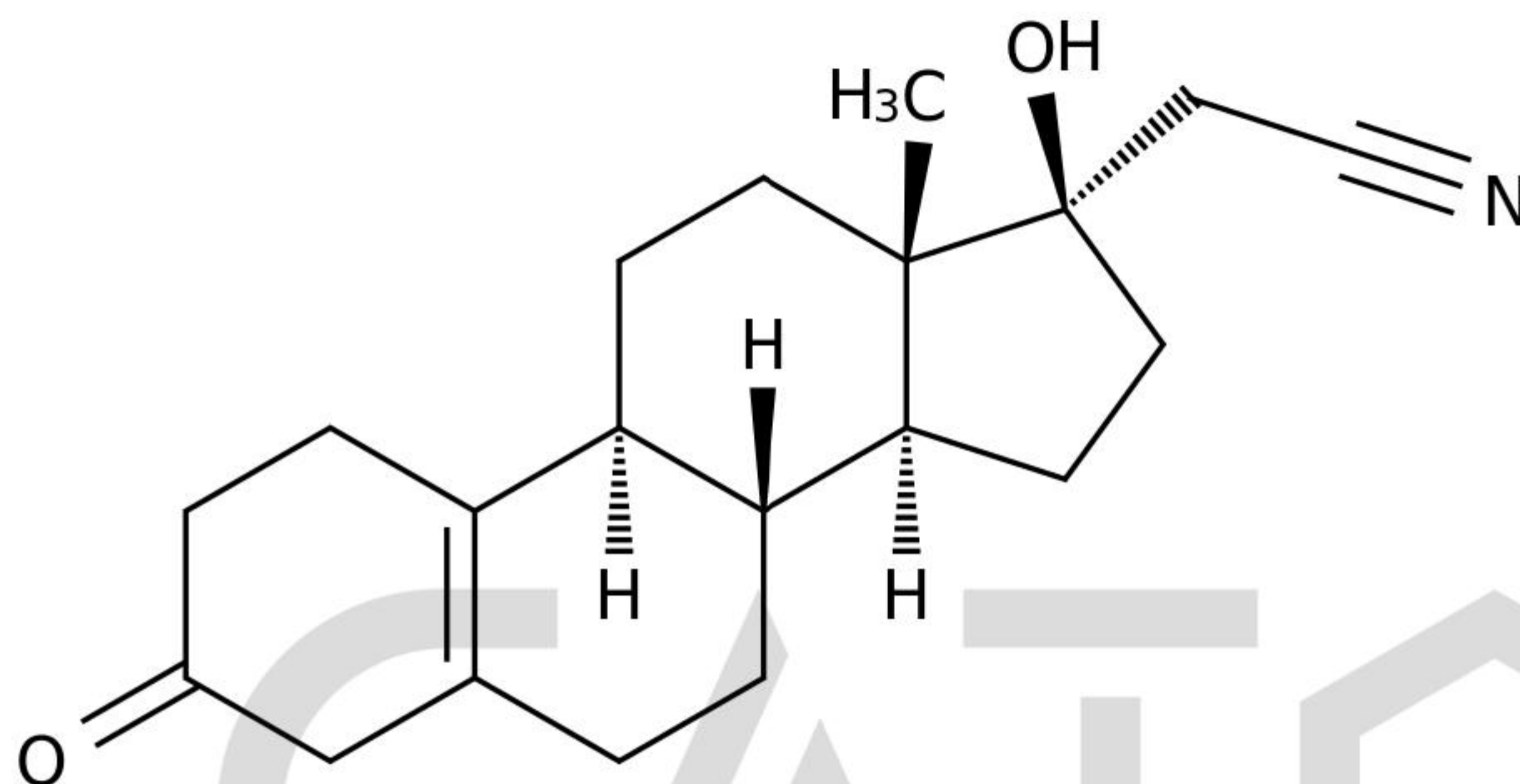


Certificate of Analysis

Reference Material

Product Name:	Dienogest EP Impurity I	Catalogue Number:	C4X-229510
Chemical Name:	N/A	Lot Number:	0422-RD-0013
CAS Number:	65928-65-6	Expiry Date:	Sep 18, 2024
Molecular Formula:	C ₂₀ H ₂₇ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	313.43		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.6906%
Water Content	Karl Fischer	0.4%
Residual Solvents	NMR	0.3% dichloromethane
Assay		98.0%

Comment:

The calculation of the 100% method follows the formula:

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Cady

Aporoved by General manager

David

Date: Sep 18, 2021

Date: Apr 25, 2022

Date: Apr 25, 2022

