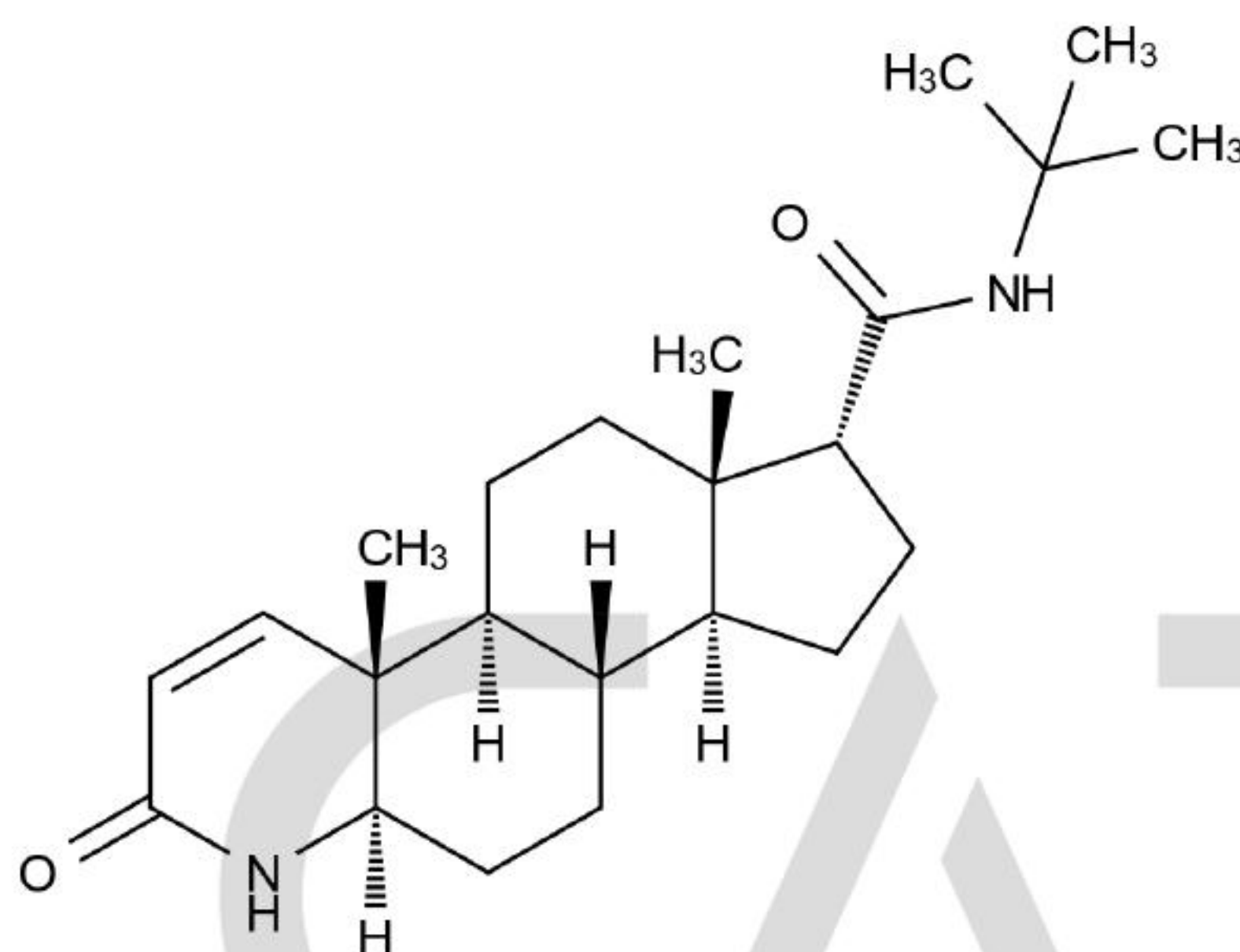


Certificate of Analysis

Reference Material & Standard

Product Name:	Finasteride Impurity 15	Catalogue Number:	C4X-164515
Synonyms:	N/A	Lot Number:	0726-RF-0002
CAS Number:	140375-21-9	Expiry Date:	Apr 17, 2027
Molecular Formula:	C23H36N2O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	372.54		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.5057%
Water Content	Karl Fischer	1.50%
Residual Solvents	NMR	1.5% methanol and 1.1% diethyl ether
Assay		95.4%

Comment:

- The compound contains 0.4% Finasteride (RT 9.51) according to its HPLC.
- The calculation of the 100% 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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jul 30, 2024

Date: Jul 30, 2024

Date: Jul 30, 2024

