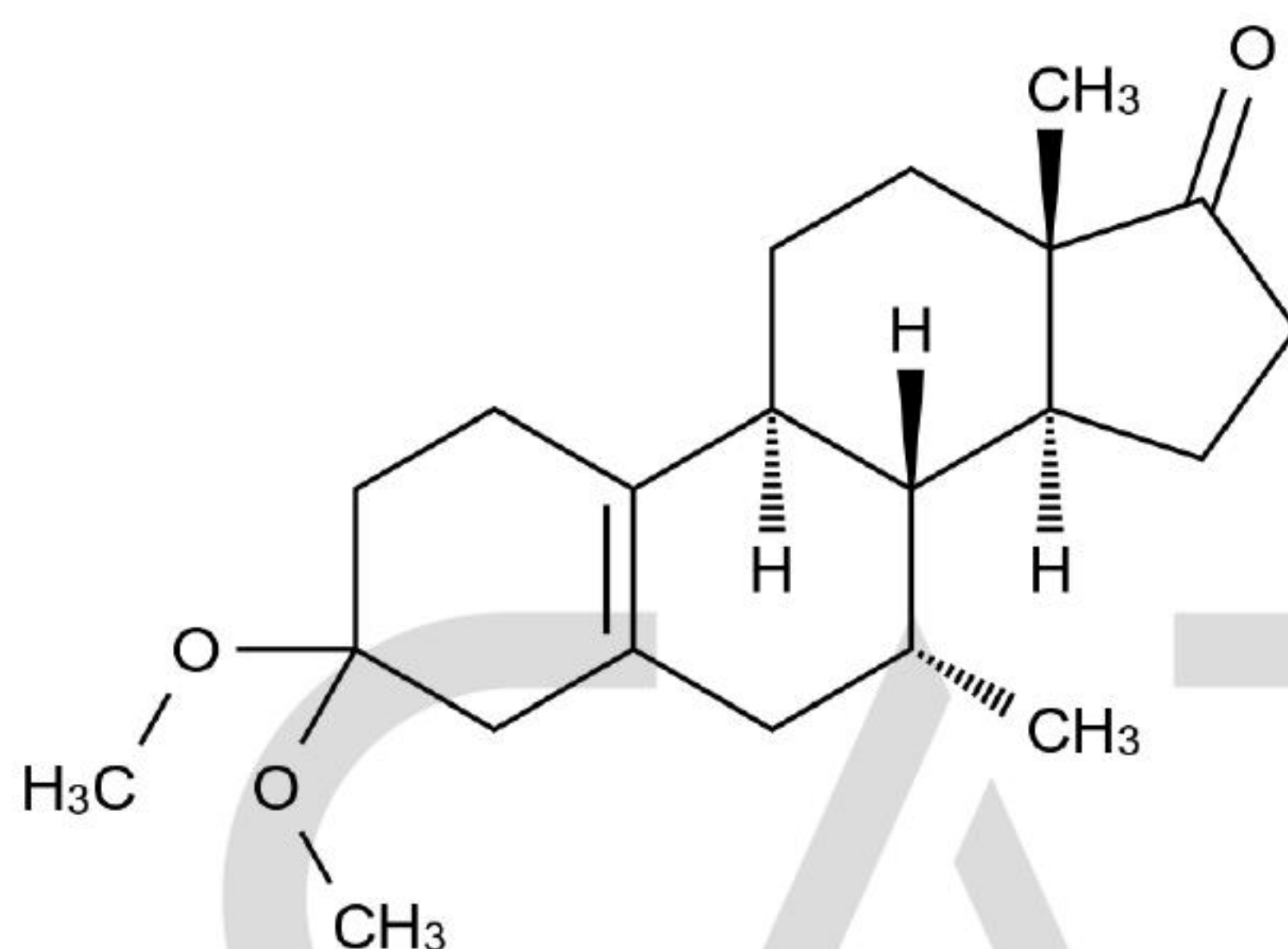


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                |                   |                                           |
|--------------------|------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Tibolone Impurity 14                           | Catalogue Number: | C4X-240314                                |
| Synonyms:          | N/A                                            | Lot Number:       | 0122-RG-0039                              |
| CAS Number:        | 88247-84-1                                     | Expiry Date:      | Feb 16, 2028                              |
| Molecular Formula: | C <sub>21</sub> H <sub>32</sub> O <sub>3</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 332.48                                         |                   |                                           |

## Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.262%     |
| Loss On Drying | TGA               | 0.0554%     |
| Assay          |                   | 98.2%       |

## Comment:

The calculation of the 100% 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:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Feb 17, 2025

Date: Feb 17, 2025

Date: Feb 17, 2025

