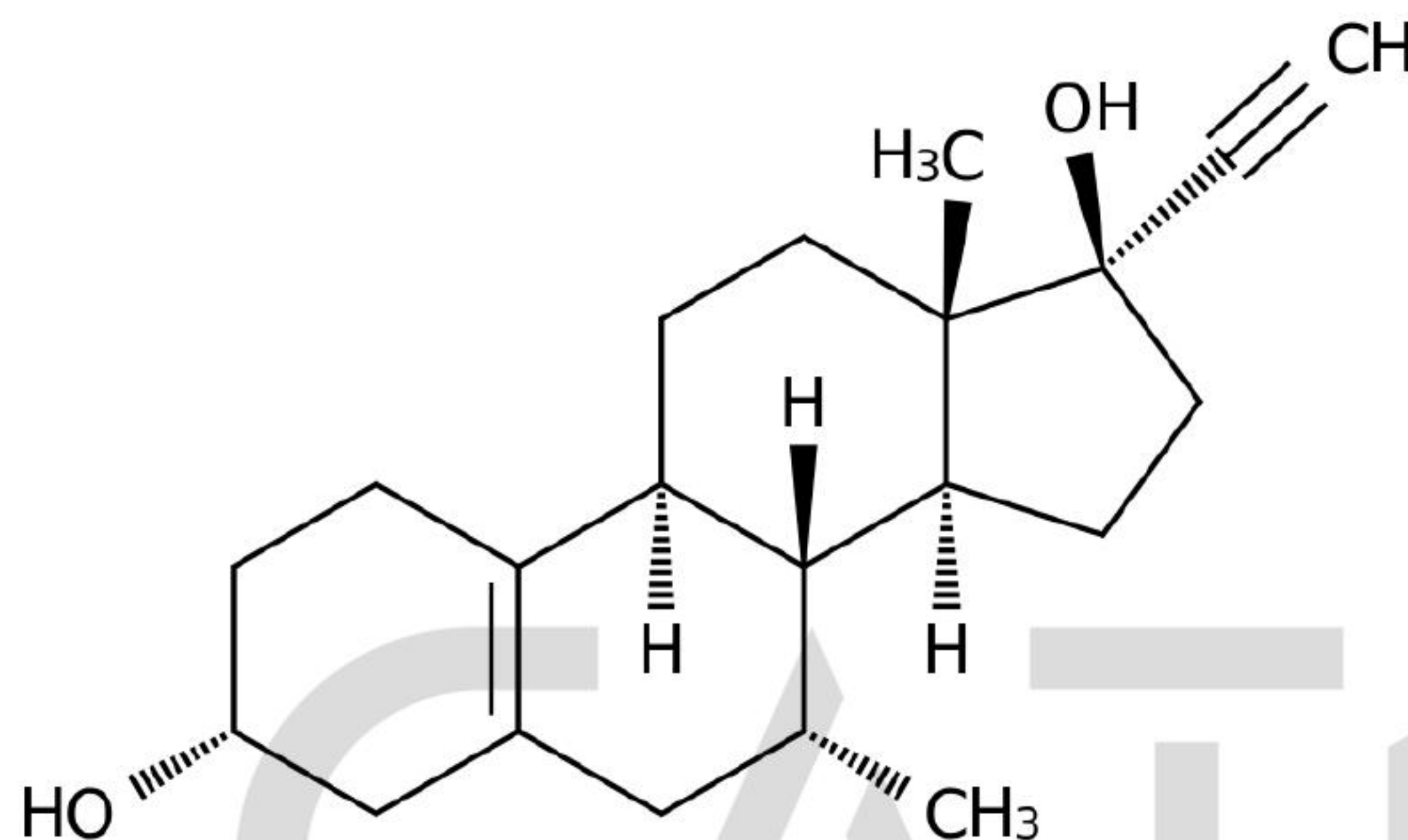


# Certificate of Analysis

## Reference Material

|                    |                                                |                   |                                           |
|--------------------|------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Tibolone impurity 1                            | Catalogue Number: | C4X-24031                                 |
| Chemical Name:     | N/A                                            | Lot Number:       | 0607-RC-0042                              |
| CAS Number:        | 100239-44-9                                    | Expiry Date:      | Aug 28, 2027                              |
| Molecular Formula: | C <sub>21</sub> H <sub>30</sub> O <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 314.46                                         |                   |                                           |

## Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 96.01%      |
| Loss On Drying | TGA               | 9.790%      |
| Assay          |                   | 86.6%       |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

## Signature:

Prepared by:

*Hinlam*

Reviewed by:

*Xenia*

Aporoved by General manager:

*David*

Date: Aug 27, 2022

Date: Sep 20, 2022

Date: Sep 20, 2022

