

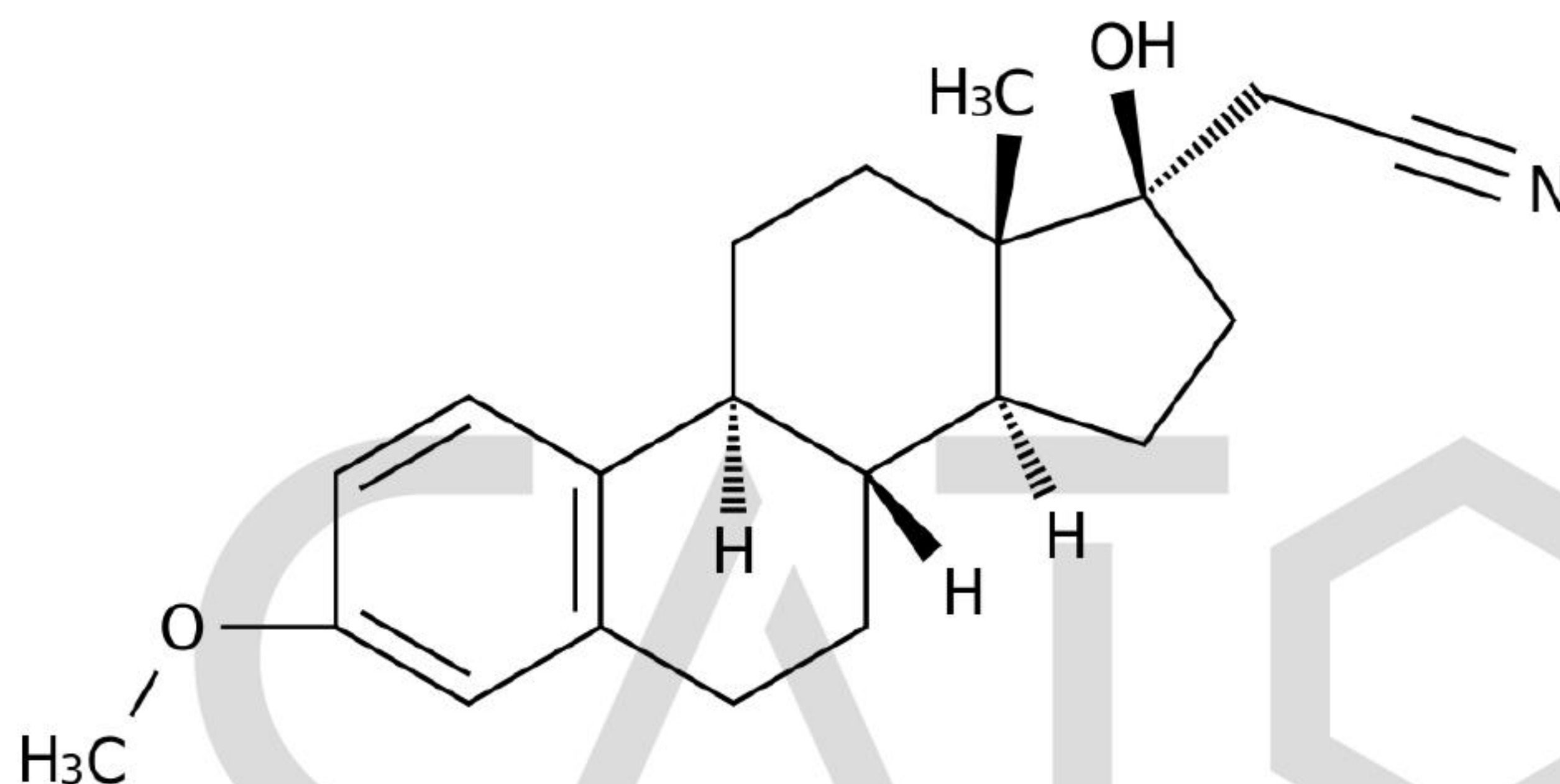
# Certificate of Analysis

## Reference Material & Standard

|                    |                                                 |                   |                                           |
|--------------------|-------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Dienogest EP Impurity J                         | Catalogue Number: | C4X-229511                                |
| Synonyms:          | N/A                                             | Lot Number:       | 0708-RF-0105                              |
| CAS Number:        | 24284-84-2                                      | Expiry Date:      | Jul 07, 2027                              |
| Molecular Formula: | C <sub>21</sub> H <sub>27</sub> NO <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 325.44                                          | Warning:          |                                           |



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.885%     |
| Loss On Drying | TGA               | 0.0074%     |
| Assay          |                   | 98.9%       |

## 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:

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Date: Jul 08, 2024

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