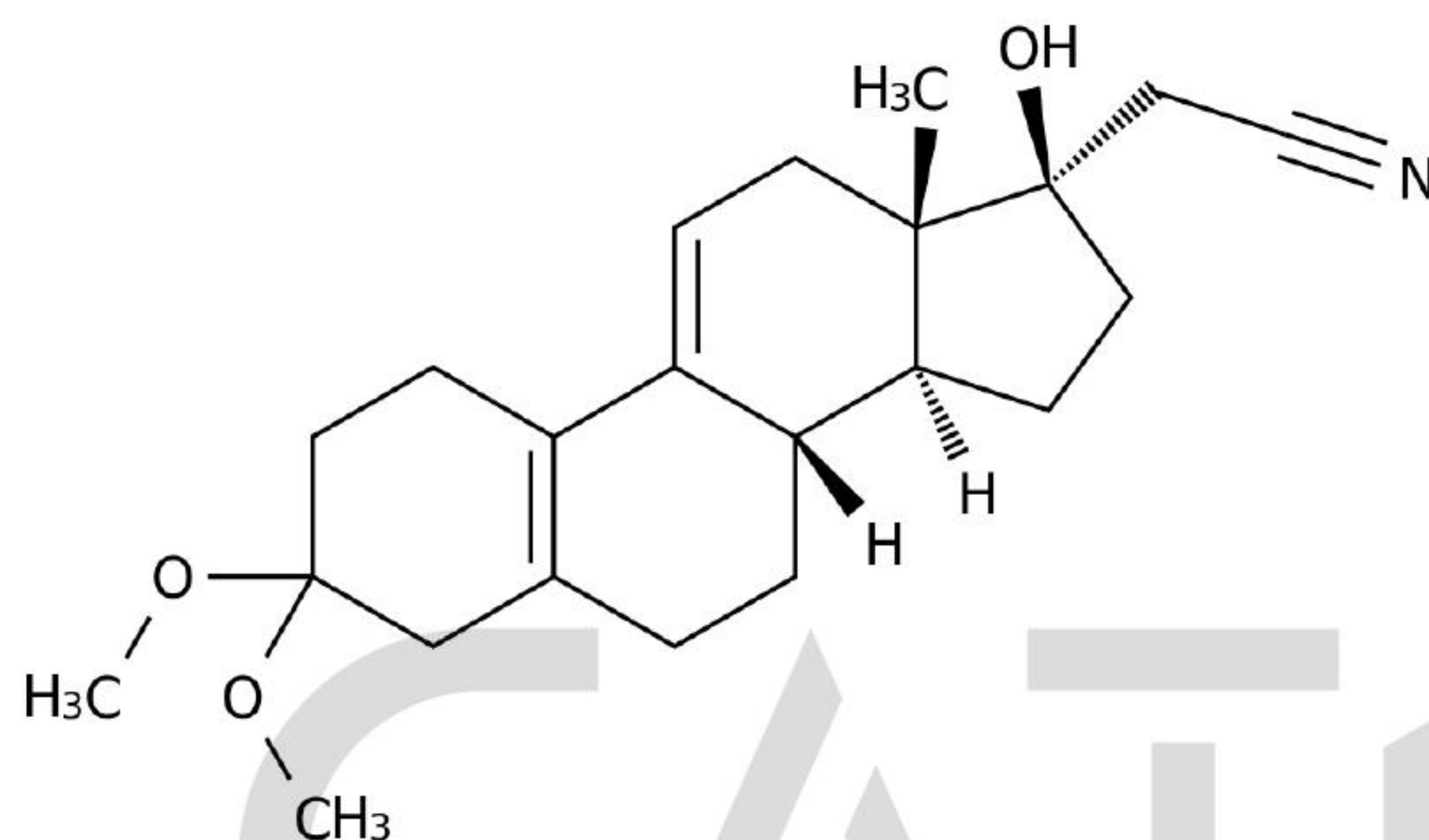


# Certificate of Analysis

## Reference Material

|                    |                         |                   |                                           |
|--------------------|-------------------------|-------------------|-------------------------------------------|
| Product Name:      | Dienogest EP Impurity E | Catalogue Number: | C4X-22956                                 |
| Chemical Name:     | N/A                     | Lot Number:       | 0610-RD-0001                              |
| CAS Number:        | 102193-41-9             | Expiry Date:      | Feb 20, 2024                              |
| Molecular Formula: | C22H31NO3               | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 357.49                  |                   |                                           |

## Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&IR&UV&HNMR   | Confirmed   |
| Purity         | HPLC              | 96.72%      |
| Loss On Drying | TGA               | 0.36%       |
| Assay          |                   | 96.4%       |

## Comment:

The calculation of the 100% method follows the formula:

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

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

## Signature:

Prepared by:

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Reviewed by:

*Cady*

Aporoved by General manager:

*David*

Date: Feb 21, 2022

Date: Jun 15, 2022

Date: Jun 15, 2022

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