

# Certificate of Analysis

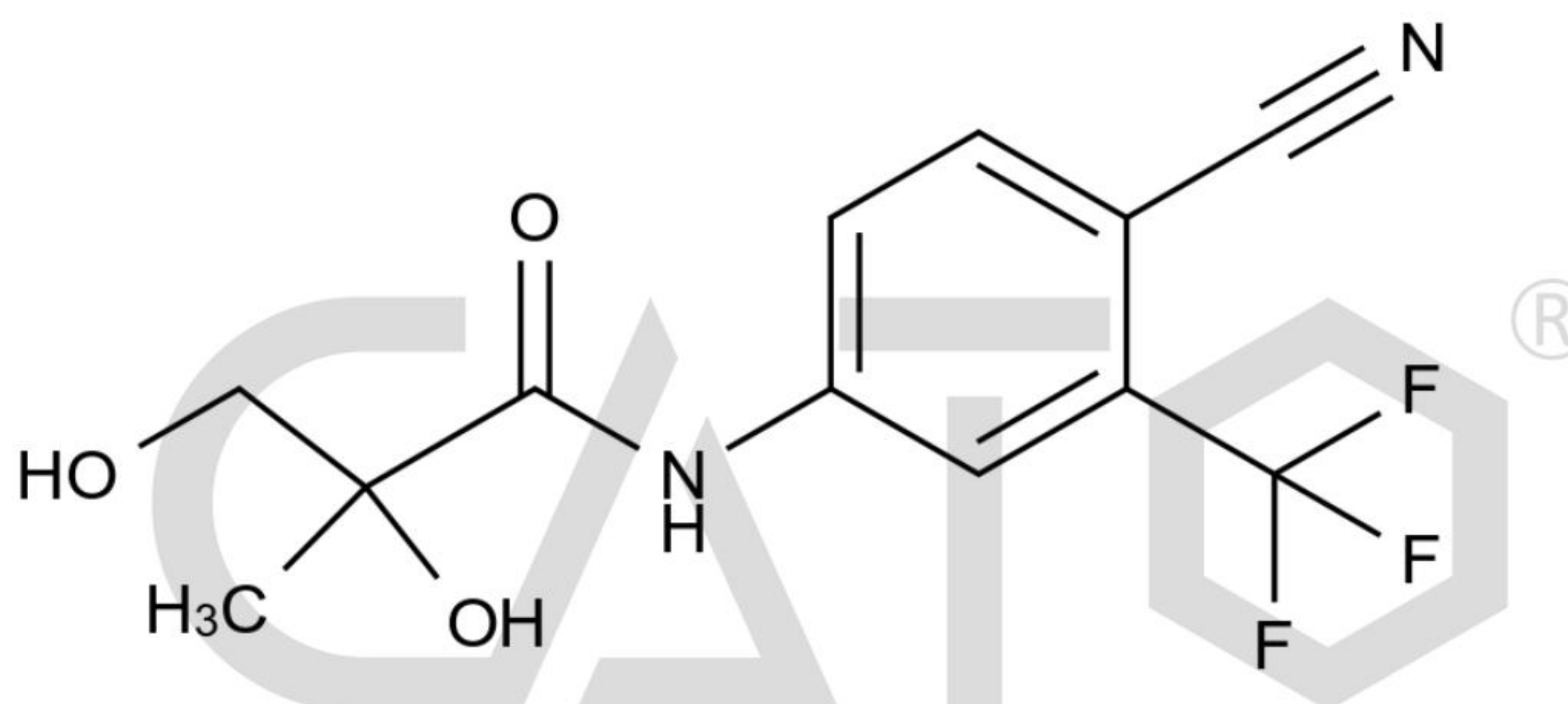
## Reference Material & Standard

|                    |                                                                              |                   |                                           |
|--------------------|------------------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Bicalutamide Impurity 20                                                     | Catalogue Number: | C4X-101320                                |
| Synonyms:          | N/A                                                                          | Lot Number:       | 1218-RE-0031                              |
| CAS Number:        | 316373-92-9                                                                  | Expiry Date:      | Dec 06, 2026                              |
| Molecular Formula: | C <sub>12</sub> H <sub>11</sub> F <sub>3</sub> N <sub>2</sub> O <sub>3</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 288.22                                                                       |                   |                                           |

Warning:



Chemical Structure:



| Test Items        | Method            | Results             |
|-------------------|-------------------|---------------------|
| Appearance        | Visual inspection | White Solid         |
| Identification    | LCMS&HNMR         | Confirmed           |
| Purity            | HPLC              | 99.869%             |
| Water Content     | Karl Fischer      | 0.03%               |
| Residual Solvents | NMR               | Not detected in NMR |
| Assay             |                   | 99.8%               |

## Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) \* Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Approved by General Manager:

*David*

Date: Dec 19, 2023

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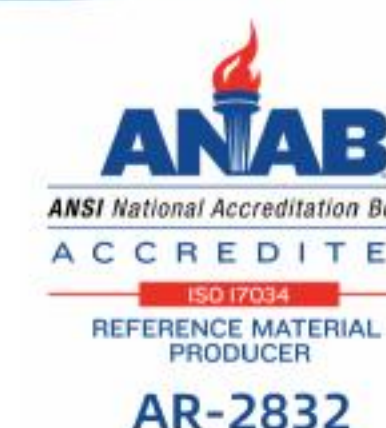
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