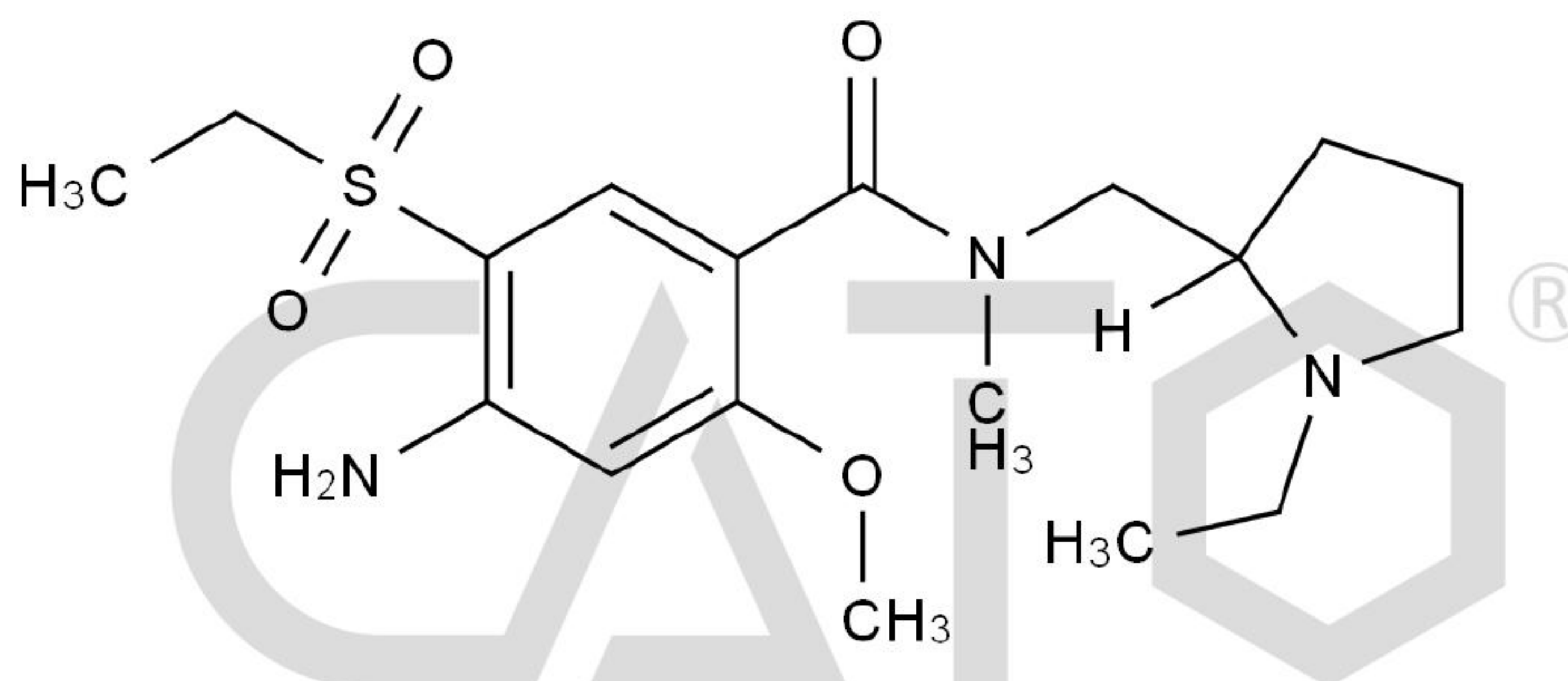


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                                          |                            |                              |
|---------------------------|------------------------------------------------------------------------------------------|----------------------------|------------------------------|
| <b>Product Name:</b>      | Amisulpride EP Impurity H                                                                | <b>Catalogue Number:</b>   | C4X-10459                    |
| <b>Synonyms:</b>          | 4-Amino-N-[(1-ethylpyrrolidin-2-yl)methyl]-5-(ethylsulfonyl)-2-methoxy-N-methylbenzamide | <b>Lot Number:</b>         | 0203-RH-0042                 |
| <b>CAS Number:</b>        | 1391054-22-0                                                                             | <b>Expiry Date:</b>        | Mar 05, 2030                 |
| <b>Molecular Formula:</b> | C <sub>18</sub> H <sub>29</sub> N <sub>3</sub> O <sub>4</sub> S                          | <b>Storage:</b>            | 2°C ~ 8°C Sealed             |
| <b>Molecular Weight:</b>  | 383.51                                                                                   | <b>Shipping Condition:</b> | Shipping at Room Temperature |
| <b>Solubility:</b>        | Soluble in Acetonitrile, DMSO and Chloroform                                             |                            |                              |

Chemical Structure:



| Test Items          | Method            | Results            |
|---------------------|-------------------|--------------------|
| Appearance          | Visual inspection | Light Yellow Solid |
| Identification      | LCMS&IR&CNMR&HNMR | Confirmed          |
| Purity              | HPLC              | 99.309%            |
| Residue on Ignition | TGA               | 0.2673%            |
| Loss On Drying      | TGA               | 0.9924%            |
| Assay               | qNMR              | 97.3%              |
| Assay               | Mass Balance      | 98.1%              |

## Comment:

- The retest date of this product is Mar 05, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):  

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Alice*

Approved by General Manager:

*David*

Date: Mar 06, 2026

Date: Mar 06, 2026

Date: Mar 06, 2026



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