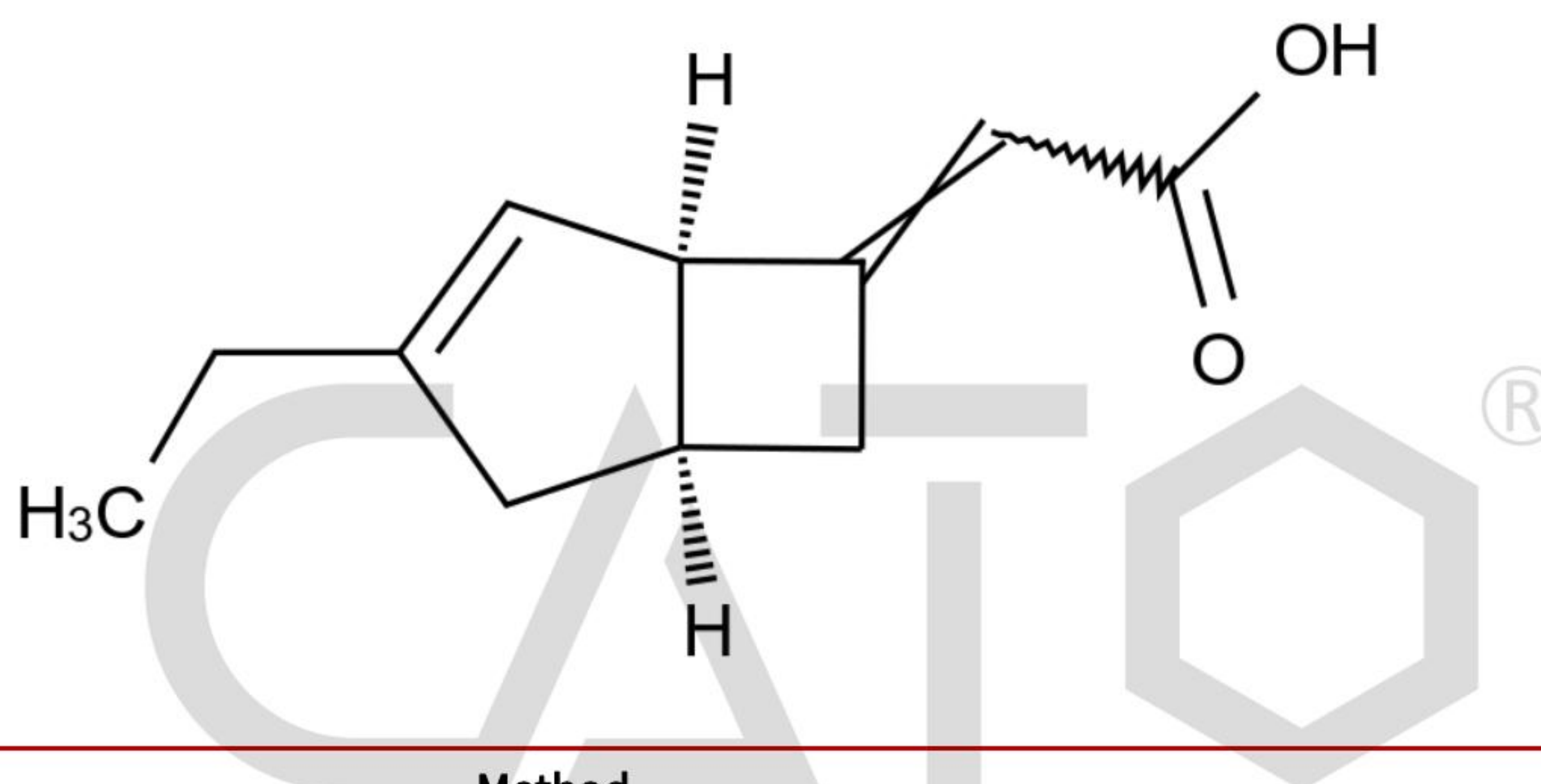


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                |                   |                                           |
|--------------------|------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Mirogabalin impurity 76                        | Catalogue Number: | C4X-292476                                |
| Synonyms:          | N/A                                            | Lot Number:       | 1216-RF-0082                              |
| CAS Number:        | N/A                                            | Expiry Date:      | Dec 15, 2027                              |
| Molecular Formula: | C <sub>11</sub> H <sub>14</sub> O <sub>2</sub> | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 178.23                                         |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.7551%    |
| Loss On Drying | TGA               | 0.155%      |
| Assay          |                   | 99.6%       |

## 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:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Dec 18, 2024

Date: Dec 18, 2024

Date: Dec 18, 2024

