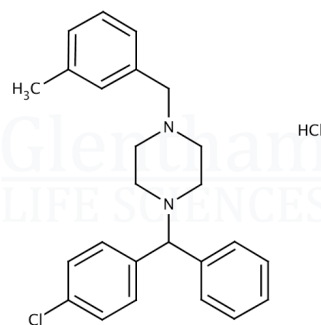


## Certificate of Analysis

|                    |                           |
|--------------------|---------------------------|
| Product Name       | Meclizine dihydrochloride |
| Glentham Code      | GP7447                    |
| CAS Number         | 1104-22-9                 |
| EINECS             | 214-164-8                 |
| PubChem SID        | 310276086                 |
| CAS supplémentaire | 569-65-3                  |
| Numéro MDL         | MFCD00058199              |
| Batch Number       | 585CGB                    |

|                   |                                |
|-------------------|--------------------------------|
| Molecular Weight  | 463.87                         |
| Molecular Formula | $C_{25}H_{27}ClN_2 \cdot 2HCl$ |
| Storage Temp.     | +4°C                           |



| Property                  | Specification                                                 | Batch 585CGB |
|---------------------------|---------------------------------------------------------------|--------------|
| Physical Description      | White, off-white or beige powder                              | Conforms     |
| Solubility (0.5% in DMSO) | Clear, colourless to faint yellow solution (may need warming) | Conforms     |
| Melting Point             | 209.0 - 215.0 °C                                              | 212.0°C      |
| Purity (HPLC)             | ≥ 97.0%                                                       | 99.8%        |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2018-05-04 |
| Re-Test Date          | 2027-05-04 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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