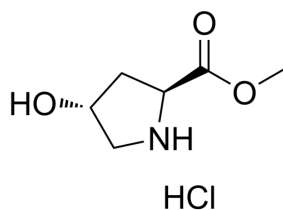


## Certificate of Analysis

|                       |   |
|-----------------------|---|
| <b>Product Name:</b>  | H-Hyp-OMe (hydrochloride)                                       |
| <b>Cat. No.:</b>      | CS-M0623  |
| <b>CAS No.:</b>       | 40216-83-9  |
| <b>Batch No.:</b>     | 178458  |
| <b>Chemical Name:</b> | L-Proline, 4-hydroxy-, methyl ester, hydrochloride (1:1), (4R)- |

### PHYSICAL AND CHEMICAL PROPERTIES

|                            |  |
|----------------------------|--|
| <b>Molecular Formula:</b>  | C <sub>6</sub> H <sub>12</sub> ClNO <sub>3</sub> |
| <b>Molecular Weight:</b>   | 181.62   |
| <b>Storage:</b>            | 2-8°C, sealed storage, away from moisture        |
| <b>Chemical Structure:</b> |  |



### ANALYTICAL DATA

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | White to off-white (Solid)  |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>Purity (NMR):</b>               | ≥97.0%  |
| <b>Water(KF):</b>                  | 0.33%   |
| <b>Conclusion:</b>                 | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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