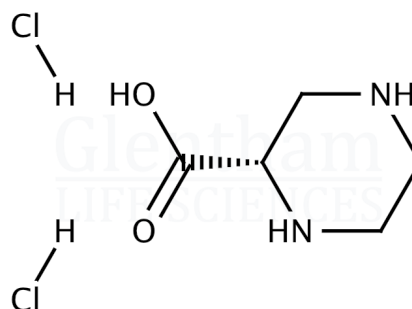


## Product Specification

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Product Name      | (S)-2-Piperazinecarboxylic acid dihydrochloride |
| Glentham Code     | GM8912                                          |
| CAS Number        | 158663-69-5                                     |
| Numéro MDL        | MFCD01632104                                    |
| PubChem SID       | 310279040                                       |
| Molecular Weight  | 203.07                                          |
| Molecular Formula | $C_5H_{10}N_2O_2 \cdot 2HCl$                    |
| Storage Temp.     | +20°C                                           |



| Property             | Specification |
|----------------------|---------------|
| Physical Description | White powder  |
| Assay                | ≥ 98.0%       |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.0       |
| Date Created          | - 2013-10-16 |

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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