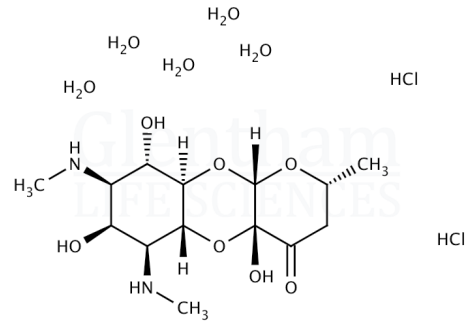


## Product Specification

|                   |   |
|-------------------|---|
| Product Name      | Spectinomycin dihydrochloride pentahydrate, USP grade |
| Glentham Code     | GP5218  |
| CAS Number        | 22189-32-8  |
| EINECS            | 244-554-3   |
| MDL Number        | MFCD00150886  |
| Additional CAS    | 21736-83-4  |
| Molecular Weight  | 495.35  |
| Molecular Formula | $C_{14}H_{24}N_2O_7 \cdot 2HCl \cdot 5H_2O$           |
| Storage Temp.     | +4°C  |



| Property                       | Specification              |
|--------------------------------|----------------------------|
| Physical Description           | White to off-white powder  |
| Identification (IR)            | To conform to standard     |
| Solubility (5% in water)       | Clear, colourless solution |
| Water (KF)                     | 16.5 - 19.5 %              |
| Assay                          | ≥ 603µg/mg                 |
| Pharmacopoeia Specification(s) | USP                        |
| Specification Version          | - v1.0                     |
| Date Created                   | - 2023-01-05               |

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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