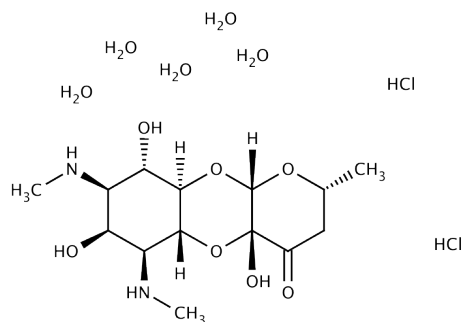


Product Specification

| | |
|-------------------|--|
| Product Name | Spectinomycin dihydrochloride pentahydrate |
| Glentham Code | GA3375 |
| CAS Number | 22189-32-8 |
| EINECS | 244-554-3 |
| MDL Number | MFCD00150886 |
| PubChem SID | 310280217 |
| Additional CAS | 21736-83-4 |
| Molecular Weight | 495.35 |
| Molecular Formula | C ₁₄ H ₂₄ N ₂ O ₇ · 2HCl · 5H ₂ O |
| Storage Temp. | +4°C |



| Property | Specification |
|---|---|
| Physical Description | White or almost white crystalline powder |
| Specific Optical Rotation ($[\alpha]_{20/D}$) | +15.0 - +21.0 (c=1, water) |
| pH (1% solution) | 3.8 - 5.6 |
| Water | 16.0 - 20.0 % |
| Residue on Ignition | ≤ 0.1% |
| Potency | ≥ 603μg/mg (C ₁₄ H ₂₄ N ₂ O ₇) |
| Specification Version | - v1.0 |
| Date Created | - 2015-03-06 |

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 or contact us using the details above for the current version of this document.

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