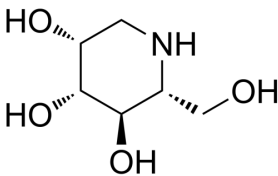


Certificate of Analysis

| | |
|-----------------------|--|
| Product Name: | 1-Deoxymannojirimycin (hydrochloride) |
| Cat. No.: | CS-W010499 |
| CAS No.: | 73465-43-7 |
| Batch No.: | 119691 |
| Chemical Name: | 3,4,5-Piperidinetriol, 2-(hydroxymethyl)-, hydrochloride (1:1), (2R,3R,4R,5R)- |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|---|
| Molecular Formula: | C ₆ H ₁₄ ClNO ₄ |
| Molecular Weight: | 199.63 |
| Storage: | 2-8°C, sealed storage, away from moisture |
| Chemical Structure: |  |

HCl

ANALYTICAL DATA

| | |
|------------------------------------|---|
| Appearance: | Off-white to gray (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| Conclusion: | 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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