

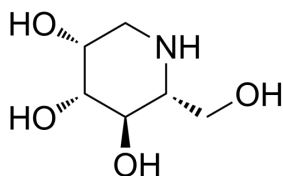
## 1-Deoxymannojirimycin (hydrochloride)

Cat. No.: HY-W009783  
 CAS No.: 73465-43-7  
 Batch No.: 283682  
 Chemical Name: 3,4,5-Piperidinetriol, 2-(hydroxymethyl)-, hydrochloride (1:1), (2R,3R,4R,5R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_6H_{14}ClNO_4$   
 Molecular Weight: 199.63  
 Storage: 4°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



HCl

### ANALYTICAL DATA

Appearance: Off-white to gray (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (HPLC): 99.06%  
 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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