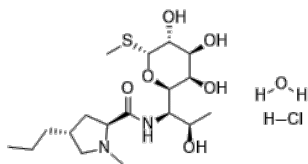


**Product Name** : Lincomycin hydrochloride monohydrate  
**Cat. No.** : PC-25833  
**CAS No.** : 7179-49-9  
**Batch No.** : PC-2583301  
**Chemical Name** : (2S,4R)-N-((1R,2R)-2-Hydroxy-1-((2R,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(methylthio)tetrahydro-2H-pyran-2-yl)propyl)-1-methyl-4-propylpyrrolidine-2-carboxamide hydrochloride hydrate

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 461.01  
**Molecular Formula** : C<sub>18</sub>H<sub>37</sub>ClN<sub>2</sub>O<sub>7</sub>S  
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 In solvent -80°C 6 Months  
 -20°C 6 Months

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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