

## Chloramphenicol

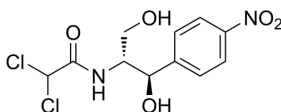
|                |   |
|----------------|---|
| Cat. No.:      | HY-B0239  |
| CAS No.:       | 56-75-7   |
| Batch No.:     | 19267   |
| Chemical Name: | Acetamide, 2,2-dichloro-N-[(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]- |

## PHYSICAL AND CHEMICAL PROPERTIES

|                           |   |       |         |
|---------------------------|---|-------|---------|
| <b>Molecular Formula:</b> | C <sub>11</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>5</sub> |       |         |
| <b>Molecular Weight:</b>  | 323.13  |       |         |
| <b>Storage:</b>           | Powder  | -20°C | 3 years |
|                           |   | 4°C   | 2 years |

\* The compound is unstable in solutions, freshly prepared is recommended.

**Chemical Structure:**



## ANALYTICAL DATA

|                              |   |
|------------------------------|---|
| Appearance:                  | White to off-white (Solid)  |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 99.82%  |
| 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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