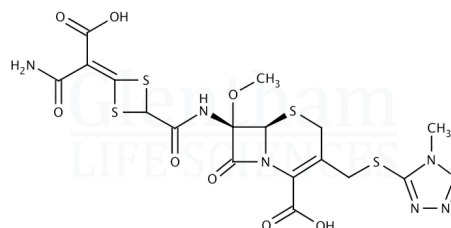


## Product Specification

|                    |                                   |
|--------------------|-----------------------------------|
| Product Name       | Cefotetan                         |
| Glentham Code      | GA2551                            |
| CAS Number         | 69712-56-7                        |
| PubChem SID        | 310269493                         |
| Numéro MDL         | MFCD00864983                      |
| CAS supplémentaire | 74356-00-6 ( $\cdot 2\text{Na}$ ) |

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Molecular Weight  | 575.60                                                     |
| Molecular Formula | $\text{C}_{17}\text{H}_{17}\text{N}_7\text{O}_8\text{S}_4$ |
| Storage Temp.     | -20°C                                                      |



| Property                                        | Specification                                |
|-------------------------------------------------|----------------------------------------------|
| Physical Description                            | White to pale yellow crystalline powder      |
| Solubility (0.5mg/ml in water)                  | Clear to faintly turbid, colourless solution |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | +112.0 - +124.0 °                            |
| Residue on Ignition                             | $\leq 0.1\%$                                 |
| Water                                           | $\leq 2.5\%$                                 |
| Assay                                           | 96.0 - 102.0 %                               |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.0       |
| Date Created          | - 2017-07-17 |

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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