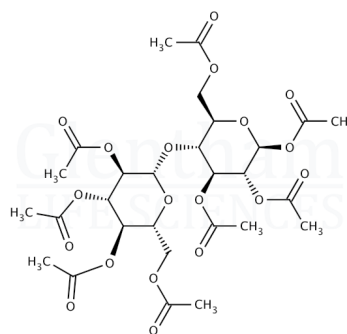


## Product Specification

|               |                          |
|---------------|--------------------------|
| Product Name  | D-Cellobiose octaacetate |
| Glentham Code | GC9481                   |
| CAS Number    | 5346-90-7                |
| EINECS        | 226-304-5                |
| MDL Number    | MFCD00009600             |
| PubChem SID   | 310269533                |

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Molecular Weight  | 678.59                                          |
| Molecular Formula | C <sub>28</sub> H <sub>38</sub> O <sub>19</sub> |
| Storage Temp.     | +20°C                                           |



| Property                                                    | Specification                            |
|-------------------------------------------------------------|------------------------------------------|
| Physical Description                                        | White to almost white powder or crystals |
| Identification (IR)                                         | To conform to standard                   |
| Solubility (1% in chloroform)                               | Clear, colourless solution               |
| Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> ) | +38.0 - +43.0 ° (c=6, chloroform)        |
| Melting Point                                               | 224.0 - 234.0 °C                         |
| Assay                                                       | ≥ 98.0%                                  |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2023-05-15 |

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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