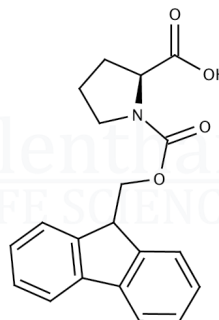


## Certificate of Analysis

Product Name Fmoc-Pro-OH  
Glentham Code GM2265  
CAS Number 71989-31-6  
EINECS 276-259-0  
MDL-Nummer MFCD00037122  
PubChem SID 310273781  
Batch Number 512TRG

Molecular Weight 337.38  
Molecular Formula  $C_{20}H_{19}NO_4$   
Storage Temp. +20°C



| Property                  | Specification                                        | Batch 512TRG                   |
|---------------------------|------------------------------------------------------|--------------------------------|
| Physical Description      | White to off-white or pale yellow crystalline powder | Pale yellow crystalline powder |
| Identification (IR)       | To conform to standard                               | Entspricht                     |
| Solubility (10% in DMF)   | Clear, colourless to pale yellow solution            | Entspricht                     |
| Specific Optical Rotation | -30.0 - -34.0 ° (c=1, DMF)                           | -33.5°                         |
| Melting Point             | 110.0 - 118.0 °C                                     | 116.8°C                        |
| Water (KF)                | ≤ 3.0%                                               | 0.9%                           |
| Loss on Drying            | ≤ 1.0% (50°C, 2h)                                    | 0.5%                           |
| D-Enantiomer              | ≤ 0.3%                                               | ≤ 0.1%                         |
| Purity (TLC)              | ≥ 98%                                                | Entspricht                     |
| Purity (HPLC)             | ≥ 99.0%                                              | 99.9%                          |

Specification Version v1.0  
Manufacture Date 2024-08-26  
Re-Test Date 2030-09-19

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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