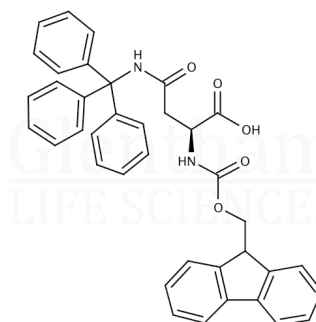


## Certificate of Analysis

|               |                  |
|---------------|------------------|
| Product Name  | Fmoc-Asn(Trt)-OH |
| Glentham Code | GM6525           |
| CAS Number    | 132388-59-1      |
| Numéro MDL    | MFCD00077049     |
| PubChem SID   | 310273505        |
| Batch Number  | 412NPG           |

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Molecular Weight  | 596.67                                                        |
| Molecular Formula | C <sub>38</sub> H <sub>32</sub> N <sub>2</sub> O <sub>5</sub> |
| Storage Temp.     | +4°C                                                          |



| Property                  | Specification                   | Batch 412NPG |
|---------------------------|---------------------------------|--------------|
| Physical Description      | White to almost white powder    | White powder |
| Identification (NMR)      | To conform to structure         | Conforms     |
| Identification (IR)       | To conform to standard          | Conforms     |
| Solubility (10% in DMF)   | Clear, colourless solution      | Conforms     |
| Specific Optical Rotation | -17.0 - -13.0 ° (c=1, methanol) | -15.8°       |
| Melting Point             | 200 - 210 °C                    | 203.0°C      |
| Water (KF)                | ≤ 1.0%                          | 0.16%        |
| D-Enantiomer              | ≤ 0.3%                          | Not detected |
| Purity (TLC)              | ≥ 98%                           | ≥98%         |
| Purity (HPLC)             | ≥ 99.0%                         | 99.42%       |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2022-04-13 |
| Re-Test Date          | 2029-07-08 |

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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