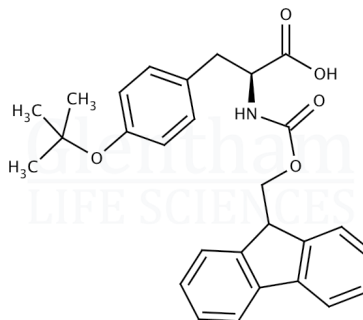


## Certificate of Analysis

|                |                  |
|----------------|------------------|
| Product Name   | Fmoc-Tyr(tBu)-OH |
| Glenthams Code | GM6164           |
| CAS Number     | 71989-38-3       |
| EINECS         | 276-262-7        |
| MDL Number     | MFCD00037129     |
| PubChem SID    | 310273864        |
| Batch Number   | 514XYM           |

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Molecular Weight  | 459.53                                          |
| Molecular Formula | C <sub>28</sub> H <sub>29</sub> NO <sub>5</sub> |
| Storage Temp.     | +20°C                                           |



| Property                                                    | Specification                | Batch 514XYM |
|-------------------------------------------------------------|------------------------------|--------------|
| Physical Description                                        | White to almost white powder | White powder |
| Identification (NMR)                                        | To conform to structure      | Conforms     |
| Solubility (10% in DMF)                                     | Clear, colourless solution   | Conforms     |
| Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> ) | -26.0 - -31.0 ° (c=1, DMF)   | -30.8°       |
| D-Enantiomer                                                | ≤ 0.3%                       | Conforms     |
| Water (KF)                                                  | ≤ 1.0%                       | 0.11%        |
| Purity (TLC)                                                | ≥ 98%                        | Conforms     |
| Purity (HPLC)                                               | ≥ 99.0%                      | 99.4%        |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.1       |
| Manufacture Date      | 2023-09-05 |
| Re-Test Date          | 2030-12-15 |

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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