

## Certificate of Analysis

Date of Testing: 2023-06-09 14:59:18

Date of Next Testing: 2027-06-08 14:59:18

Product Name: **Fmoc-D-Thr(tBu)-OH**

CAS Number: 138797-71-4

Specifications & Purity: 98%

Lot #: F2303252

SKU #: **F116848**

**Analysis:** **223038**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                    | Limit Values              | Result                    |
|--------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                 | 98-100 (%)                | 99.01500%                 |
| Melting point                                                | 125-135 (°C)              | 134.41000 °C              |
| Specific Rotation [α] <sub>20/D</sub> (c=1 in Ethyl Acetate) | -16.5--13.5 (°)           | -14.97 °                  |
| Appearance (F116848)                                         | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum                                          | Conforms to Structure     | Conforms to Structure     |



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