



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-285761  
Lot Number: SAMPLE  
Product Name: Fmoc-L-Asp(tBu)-NH<sub>2</sub>  
CAS Number: 171778-09-9  
Molecular Formula: C<sub>23</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub>  
Molecular Weight: 410.46

| Test                  | Specification                        | Result       |
|-----------------------|--------------------------------------|--------------|
| Appearance            | White to off-white powder            | White powder |
| Identification (FTIR) |                                      | Complies     |
| Purity (HPLC)         | ≥ 98% at 220 nm                      | 99.4%        |
| Purity (TLC) (1)      | ≥ 98%                                | Complies     |
| Purity (TLC) (2)      | ≥ 98%                                | Complies     |
| Solubility            | Clear solution at 1 mmol in 2 ml DMF | Complies     |
| Optical Rotation      | -16.0° ± 2.0 ° (c = 1, DMF)          | -16.4°       |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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