



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-228165  
Lot Number: SAMPLE  
Product Name: Fmoc-D-Ile-OH  
CAS Number: 143688-83-9  
Molecular Formula:  $C_{21}H_{23}NO_4$   
Molecular Weight: 353.41

Test	Result
Appearance	White powder
Enantiomeric Excess	H-Ile-OH: 0.1% H-allo-Ile-OH: 0.1% H-D-allo-Ile-OH: 1.4%
Purity (HPLC)	99.9%
Purity (TLC)	Single spot, > 99.5%
Melting Point	148 °C
Solubility	Clear colorless solution (5% in Water)
Optical Rotation ( $\alpha_{25/D}$ )	+11.0° (c = 1 in DMF)
Related Substances	< 0.1% (Fmoc-b-Ala-OH)
Water Content (KF)	< 0.1%

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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