



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-295880  
Lot Number: SAMPLE  
Product Name: Nalpha-Fmoc-Nim-4-toluenesylfonyl-L-histidine  
CAS Number: 112380-10-6  
Molecular Formula:  $C_{28}H_{25}N_3O_6S$   
Molecular Weight: 531.58

Test	Result
Appearance	White powder
Enantiomeric Excess	0.3%
Purity	99.8%
Purity (HPLC)	98.0%
Purity (TLC) (1)	011A: $\geq 99\%$
Purity (TLC) (2)	0811: 99%
Melting Point	176 - 178 °C
Solubility	1 mmole in 3 mL DMF clearly soluble, clear solution
Optical Rotation ( $\alpha_{25/D}$ )	-7.5°
Kaiser Test	Colorless to light blue
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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