



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-295902
Lot Number: SAMPLE
Product Name: N^α,N^ω-Bis-Boc-L-histidine N-hydroxysuccinimide ester
CAS Number: 25616-02-8
Molecular Formula: C₂₀H₂₈N₄O₈
Molecular Weight: 452.46

Test	Specification	Result
Appearance		White powder
Assay		99.6%
Purity (TLC)		Complies
Elemental Analysis	Nth: 12.38% Nfd: 12.33%	Complies
Melting Point		126 °C
Solubility		Clear, colorless solution(50 mg/ml in acetone)
Optical Rotation (α ₂₄ /D)		+9.5° (c=1 in EtOAc)
Carbon Content	53.1%	Complies
Hydrogen Content	6.2%	6.0%
Nitrogen Content	12.4%	12.3%

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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