



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-470834
Lot Number: SAMPLE
Product Name: N α -Boc-Nim-benzyl-D-histidine
CAS Number: 65717-64-8
Molecular Formula: C₁₈H₂₃N₃O₄
Molecular Weight: 345.39

Test	Specification	Result
Appearance		White powder
Purity (TLC)		> 99%
Melting Point		182.6 °C
Solubility		Clear, colorless solution (50 mg/mL in Methanol)
Specific Rotation (α _{24/D})		-22.6° (1% CH ₃ OH)
Impurity		Related impurity (TLC): < 0.2% H-D-His(Bzl)-OH
Carbon Content	62.6%	62.5%
Hydrogen Content	6.7%	6.8%
Nitrogen Content	12.2%	Complies

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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