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Certificate of Analysis

Catalogue Number	11336
Lot Number	000127-1065920
Product	Boc-D-His(3-Me)-OH Boc-D-His(π -Me)-OH
CAS Number	200871-84-7
Molecular Formula	C ₁₂ H ₁₉ N ₃ O ₄
Molecular Weight	269.3
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Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/ml in MeOH)
Melting Point	182 °C
Elemental Analysis (Found)	C = 53.8%; H = 7.00%; N = 15.6%
TLC System	Chloroform/Methanol/Acetic Acid 32% (5:3:1) Ethylacetate/Pyridine/Acetic Acid/H ₂ O (60:60:12:36) n-Butanol/Acetic Acid/H ₂ O (4:2:2) Plate : Silica gel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = -24.6 ° (C=1% in MeOH)
Assay	100.1% (Nfd : 15.61% Elemental analysis)
Purity by TLC	> 99%
Storage	Store at 0 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager