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Product Specifications

Catalogue Number	05638
Product	<i>N</i>^α-Benzyl-<i>N</i>^{im}-benzyl-L-histidine Bzl-L-His(Bzl)-OH
CAS Number	57101-60-7
Molecular Formula	C ₂₀ H ₂₁ N ₃ O ₂
Molecular Weight	335.41
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Appearance	White powder
Solubility	Clear, colorless solution (5% in acetic acid 80%)
Melting Point	197-205 °C
Elemental Analysis (Found)	C = 67.11 ± 0.5%; H = 6.62 ± 0.5%; N = 11.74 ± 0.5%; Calculated as 1.25 H ₂ O
Water Content (Karl Fisher)	≤ 7%
Optical Rotation	[α] _D ²⁴ = -20 ± 2° (C=1% in Methanol)
Purity by TLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only