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Product Specifications

Catalogue Number	03081
Product	<i>N</i>^α-Benzoyl-L-histidine Bz-L-His-OH
CAS Number	5354-94-9
Molecular Formula	C ₁₃ H ₁₃ N ₃ O ₃
Molecular Weight	259.3

Appearance	White powder
Solubility	Clear, colorless solution (50mg/mL in AcOH 80%)
Water Content (Karl Fisher)	≤ 8%
TLC System	n-Butanol/acetic acid/water: 4/2/2 Ethylacetate/pyridine/acetic acid/water: 60/60/12/36 Chloroform/methanol/acetic acid 32% 5/3/1 Plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine, Pauly
Optical Rotation	[α] _D ²⁴ = +47.2 ± 1.5 ° (C=1% in 0.7N HCL)
Infrared Spectrum	Conforms to structure
Purity by TLC	≥ 99%
Storage	Store at RT

For Laboratory Use Only