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Product Specifications

Catalogue Number	04062
Product	<i>N</i>^α-Boc-L-histidine hydrazide
	Boc-L-His-NHNH ₂
CAS Number	42002-05-1
Molecular Formula	C ₁₁ H ₁₉ N ₅ O ₃
Molecular Weight	269.3
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Appearance	White product
Solubility	Clear, colorless solution (50 mg/mL in MeOH)
Melting Point	155 - 157 °C
Elemental Analysis (Theory)	C = 49.06 ± 0.5%, H = 7.11 ± 0.5%, N = 26.01 ± 0.5%
TLC System	n-butanol/Acetic acid/Water (4/2/2) Ethylacetate/Pyridine/Acetic acid/Water (60/30/9/16.5) Chloroform/Methanol/Acetic acid 32% 5/3/1 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, Ninhydrin, Chlorine-tolidine, Pauly, FeCl ₃
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only