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Product Specifications

Catalogue Number	04574
Product	L-Leucine β-naphthylamide hydrochloride L-Leu- β NA•HCl
CAS Number	893-36-7
Molecular Formula	C ₁₆ H ₂₀ N ₂ O•HCl
Molecular Weight	292.9

Appearance	White to off-white powder
Solubility	Clear, colorless solution (50mg/mL in Methanol)
Melting Point	251 - 260 °C
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Chloroform/Methanol/Acetic acid 32% (15:4:1) Ethyl acetate/Pyridine/Acetic acid/H ₂ O (60:20:6:11) Plate: Silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = 84 \pm 2 ° (C=2 in Water)
Assay	\geq 86%
Purity by TLC	\geq 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only