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Product Specifications

Catalogue Number	04656
Product	L-Tryptophan β-naphthylamide L-Trp- β NA
CAS Number	3326-63-4
Molecular Formula	C ₂₁ H ₁₉ N ₃ O
Molecular Weight	329.38
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Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in 80% Acetic acid)
Elemental Analysis (Theory)	C = 76.6%; H = 5.8%; N = 12.8%
Elemental Analysis (Found)	C = 76.6 \pm 0.5%; H = 5.8 \pm 0.5%; N = 12.8 \pm 0.5%
TLC System	Chloroform/Methanol/Toluene/Water (8:8:8:1) Ethylacetate/Pyridine/Acetic Acid/Water (60:20:6:11) Chloroform/Methanol/Acetic Acid (77.5:15:7.5) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, Chlorine-Tolidine
Optical Rotation	[α] _D ²⁰ = +85 \pm 2° (C=1 in MeOH)
Purity by TLC	\geq 99%
Storage	Store at 0-8°C

For Laboratory Use Only