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Product Specifications

Catalogue Number	06999
Product	<i>N</i>^α-Acetyl-5-methyl-DL-tryptophan Ac-DL-Trp(5-Me)-OH DL- <i>N</i> -Acetyl-2-amino-3-(5-methylindolyl)propionic acid
CAS Number	71953-90-7
Molecular Formula	C ₁₄ H ₁₆ N ₂ O ₃
Molecular Weight	260.32
Appearance	Off-white product
Solubility	Clear, colorless solution (50 mg/mL in Methanol)
Melting Point	166 - 170 °C
Elemental Analysis (Theory)	C = 64.16 ± 0.5%, H = 6.23 ± 0.5%, N = 10.69 ± 0.5% Calc. as 0.1 H ₂ O (0.7%)
Water Content (Karl Fisher)	≤ 1%
TLC System	Chloroform/MeOH/Acetic Acid 32% (5:3:1) Ethylacetate/Pyridine/Acetic Acid/H ₂ O (60/20/6/11) Chloroform/Methanol/Acetic Acid (98-100%)/H ₂ O (45/13/1/2) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only