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Product Specifications

Catalogue Number	09088
Product	Pro-Trp-OH L-Prolyl-L-tryptophan
CAS Number	35310-39-5
Molecular Formula	C ₁₆ H ₁₉ N ₃ O ₃
Molecular Weight	301.35

Appearance	Off-white powder
Appearance of Solution	Clear yellowish solution (25 mg/ml in 80% AcOH)
Elemental Analysis (Theory)	C=59.01%,H=6.55%,N=11.86% Calc. as 0.7AcOH (11.87%) x 0.6 H ₂ O (3.05%)
Water Content (Karl Fisher)	< 5%
TLC System	Methanol/chloroform/ammonia 17% (2:2:1) Isopropanol/ammonia conc. (1:1) n-butanol/acetic acid/water (4:2:2) Plate: Silica gel 60 F ₂₅₄ detected by :UV, ninhydrin, TMB
Optical Rotation	[α] _D ²⁴ = -26 ± 2° (1% in 6N HCl)
Assay	> 84% (Nth 13.94%, by elemental analysis)
Purity by TLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only