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Certificate of Analysis

Catalog Number	11785
Product Name	Ac-D-Phe(3-CN)-OH Ac-3-cyano-D-phenylalanine Ac-m-Cyano-D-Phe-OH
Lot Number	1200020724
Molecular Formula	C ₁₂ H ₁₂ N ₂ O ₃
Molecular Weight	232.22
Appearance	Off-white powder
Solubility	Clear solution in MeOH
Melting Point	151-153 °C (Dec.)
Optical Rotation	$\alpha_D^{25} = -22 \pm 1^\circ$ (1% in MeOH)
Purity (HPLC)	98%
HPLC Conditions	
Mobile Phase	Buffer A 0.1% TFA/99.9% H ₂ O Buffer B 0.1% TFA/4.9% H ₂ O/95% CH ₃ CN
Gradient	10-60% Buffer B in 20 min
λ	210 nm
Column	150X4.6mm, 5 μ m, C ₁₈ Column
Flow Rate	1.2 ml/min
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Quality Control Manager