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Product Specifications

Catalogue Number	04106
Product	Boc-3-cyano-L-phenylalanine Boc-L-Phe(3-CN)-OH Boc- <i>m</i> -cyano-L-Phe-OH
CAS Number	131980-30-8
Molecular Formula	C ₁₅ H ₁₈ N ₂ O ₄
Molecular Weight	290.3

Appearance	White powder
Solubility	Clear solution (0.1 g in 2 ml MeOH)
Melting Point	121 - 126 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 13 ± 2 ° (C=1% in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only