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Product Specifications

Catalogue Number	12856
Product	Boc-3-methyl-L-phenylalanine
	Boc-L-Phe(3-Me)-OH
	Boc- <i>m</i> -Me-L-Phe-OH
CAS Number	114873-06-2
Molecular Formula	C ₁₅ H ₂₁ NO ₄
Molecular Weight	279.34

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	68.0-72.0 °C
Water Content (Karl Fisher)	≤ 1.0%
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	≤ 1.0% (35°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99.0%
Storage	Store at 0-8 °C

For Laboratory Use Only