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Product Specifications

Catalogue Number	04151
Product	Boc-4-iodo-L-phenylalanine
	Boc-L-Phe(4-I)-OH
	Boc- <i>p</i> -iodo-L-Phe-OH
CAS Number	62129-44-6
Molecular Formula	C ₁₄ H ₁₈ INO ₄
Molecular Weight	391.2
Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	145-150 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = +22.5 ± 3° (C=1% in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	≤ 1% (70 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only