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Product Specifications

Catalogue Number	03817
Product	<i>N</i>^α-Boc-<i>N</i>ⁱⁿ-Boc-L-tryptophan
	Boc-L-Trp(Boc)-OH
CAS Number	144599-95-1
Molecular Formula	C ₂₁ H ₂₈ N ₂ O ₆
Molecular Weight	404.46

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2ml DMF)
Melting Point	155-165°C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = - 10.5 ± 2° (C=3 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (70°C,2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99.0%
Storage	Store at 0-8°C

For Laboratory Use Only