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Product Specifications

Catalogue Number	11893
Product	<i>N</i>^α-Boc-L-tryptophan benzyl ester
	Boc-L-Trp-OBzl
CAS Number	57229-67-1
Molecular Formula	C ₂₃ H ₂₆ N ₂ O ₄
Molecular Weight	394.47

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	139.0-145.0 °C
Water Content (Karl Fisher)	≤ 2.0%
Optical Rotation	[α] _D ²⁰ = -14.0 ± 2° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only