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Product Specifications

Catalogue Number	01372
Product	<i>N^α-Boc-N^δ-Z-L-ornithine</i>
	Boc-L-Orn(Z)-OH
CAS Number	2480-93-5
Molecular Formula	C ₁₈ H ₂₆ N ₂ O ₆
Molecular Weight	366.42

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	92-96 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = -7 ± 1° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only