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Product Specifications

Catalogue Number	06440
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>^δ-Boc-D-ornithine Z-D-Orn(Boc)-OH
CAS Number	98264-52-9
Molecular Formula	C ₁₈ H ₂₆ N ₂ O ₆
Molecular Weight	366.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	98-105 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = +3 ± 0.5° (C=1 in MeOH)
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
L-Enantiomer	≤ 0.1%
Purity by HPLC	≥ 99%
Chiral Purity	≥ 99.9% (ee)
Storage	Store at 0-8 °C

For Laboratory Use Only