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Product Specifications

Catalogue Number	06150
Product	<i>N</i>^δ-Z-L-ornithine <i>tert</i>-butyl ester hydrochloride L-Orn(Z)-OtBu•HCl
CAS Number	161234-80-6
Molecular Formula	C ₁₇ H ₂₆ N ₂ O ₄ •HCl
Molecular Weight	358.87

Appearance	White to off-white powder
Solubility	Clear solution (0.1 gram in 8 ml THF:H ₂ O)
Melting Point	135 - 141 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 15 ± 2 ° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99.5%
Storage	Store at 0 - 8 °C

For Laboratory Use Only