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Certificate of Analysis

Catalogue Number	06150
Product	<i>N</i>^δ-<i>Z</i>-L-ornithine <i>tert</i>-butyl ester hydrochloride
Lot Number	000424-131112-16079 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 powder
Solubility	Clear solution (0.1 gram in 8 ml THF:H ₂ O)
Melting Point	136.8-137.5 °C
Water Content (Karl Fisher)	0.128%
Optical Rotation	[α] _D ²⁰ = +15.5° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.17% (50°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.71%
Storage	Store at 0-8°C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager