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Product Specifications

Catalogue Number	06560
Product	Z-L-proline <i>tert</i>-butyl ester Z-L-Pro-OtBu (S)-Z-Pyrrolidine-2-carboxylic acid <i>tert</i> -butyl ester
CAS Number	16881-39-3
Molecular Formula	C ₁₇ H ₂₃ NO ₄
Molecular Weight	305.37
Appearance	White powder
Melting Point	45 - 46 °C
TLC System	CHCl ₃ :MeOH:AcOH (95:5:0.5)
Optical Rotation	[α] ²⁰ _D = -55.4 ° (C=2 in EtOH)
Loss on Drying	≤ 0.2%
Free Amino Acids	≤ 0.2%
Chiral HPLC	≥ 99.5% (ee)
Other Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Purity by TLC	Single spot
Storage	Store at 0 - 8 °C

For Laboratory Use Only