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Product Specifications

Catalogue Number	02255
Product	Z-O-tert-butyl-L-threonine dicyclohexylammonium salt Z-L-Thr(tBu)-OH•DCHA
CAS Number	16966-07-7
Molecular Formula	C ₁₆ H ₂₃ NO ₅ ·C ₁₂ H ₂₃ N
Molecular Weight	490.7
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Appearance	White powder
Solubility	Clear solution (0.3g in 4 mL Methanol)
Melting Point	138-152 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = +9 ± 2° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only