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Product Specifications

Catalogue Number	02148
Product	Z-L-aspartic acid β-<i>tert</i>-butyl ester dicyclohexylammonium salt Z-L-Asp(OtBu)-OH•DCHA
CAS Number	5545-52-8 (net)
Molecular Formula	C ₁₆ H ₂₁ NO ₆ •C ₁₂ H ₂₃ N
Molecular Weight	504.67
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Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	125-130 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = +8.5 ± 1° (C=1 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only