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Product Specifications

Catalogue Number	03856
Product	Z-L-proline N-hydroxysuccinimide ester Z-L-Pro-OSu
CAS Number	3397-33-9
Molecular Formula	C ₁₇ H ₁₈ N ₂ O ₆
Molecular Weight	346.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	88 - 92 °C
Water Content (Karl Fisher)	≤ 2%
Kaiser Test	≤ 0.05%
Optical Rotation	[α] _D ²⁰ = -58 ± 1 ° (C=1 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only