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Product Specifications

Catalogue Number	04416
Product	<i>N</i>^γ-Trityl-L-asparagine hydrate
	L-Asn(Trt)-OH•H ₂ O
CAS Number	132388-58-0
Molecular Formula	C ₂₃ H ₂₂ N ₂ O ₃ •H ₂ O
Molecular Weight	392.4
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Appearance	White to off-white powder
Solubility	Clear in AcOH
Melting Point	208-212 °C
Optical Rotation	[α] _D ²⁰ = -7.0 ± 1° (C=1% in AcOH) [α] _D ²⁰ = -17 ± 3° (C=21 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	≥ 97%
Storage	Store at 0-8°C

For Laboratory Use Only