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Certificate of Analysis

Catalogue Number	03840
Lot Number	000424-130227-12403
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>^γ-trityl-L-asparagine
	Z-L-Asn(Trt)-OH
CAS Number	132388-57-9
Molecular Formula	C ₃₁ H ₂₈ N ₂ O ₅
Molecular Weight	508.6

Appearance	White powder
Solubility	Clear solution (0.1 g in 3 ml MeOH)
Melting Point	184.3-185.4 °C
Water Content (Karl Fisher)	0.19%
Optical Rotation	[α] _D ²⁰ = -21.53° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.61% (80 °C, 2 hour)
¹H NMR	Conforms to structure
Purity by HPLC	99.10%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 03840

Lot Number: 000424-130227-12403

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager