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Certificate of Analysis

Catalogue Number	06427
Product	<i>N</i> ^α - <i>Z</i> - <i>N</i> ^γ -trityl- <i>D</i> -asparagine
Lot Number	000424-130621-12404 Z- <i>D</i> -Asn(Trt)-OH
CAS Number	200259-87-6
Molecular Formula	C ₃₁ H ₂₈ N ₂ O ₅
Molecular Weight	508.6

Appearance	White to off-white powder
Solubility	Clear solution (0.1g in 3 ml MeOH)
Melting Point	186.7-189.5 °C
Water Content (Karl Fisher)	0.46%
Optical Rotation	[α] _D ²⁰ = + 22.1° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.42% (80 °C, 2 hr)
¹H NMR	Conforms to structure
Purity by HPLC	98.5%
Storage	Store at 0-8 °C

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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