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Certificate of Analysis

Catalogue Number	01335
Lot Number	000424-130923-30300
Product	<i>N</i>^α-Boc-L-asparagine 4-nitrophenyl ester Boc-L-Asn-ONp
CAS Number	4587-33-1
Molecular Formula	C ₁₅ H ₁₉ N ₃ O ₇
Molecular Weight	353.3

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Melting Point	145.3-145.5 °C
Water Content (Karl Fisher)	0.1%
Optical Rotation	[α] _D ²⁰ = -37.8° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.05% (70 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	98.44%
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