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Certificate of Analysis

Catalogue Number	05461
Lot Number	000424-191112-30431
Product	Boc-L-aspartic acid β-N-hydroxysuccinimide ester α-benzyl ester

Boc-L-aspartic acid β -N-hydroxysuccinimide ester α -benzyl ester

CAS Number	140171-25-1
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Molecular Formula	C ₂₀ H ₂₄ N ₂ O ₈
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Molecular Weight	420.4
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Appearance	White powder
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Solubility	Clear solution (0.1 g in 2 mL DMF)
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Melting Point	104.1 - 104.8 °C
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Water Content (Karl Fisher)	0.08%
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Optical Rotation	$[\alpha]_D^{20} = -26.5^\circ$ (C=1 in DMF)
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Infrared Spectrum	Conforms to structure
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Analysis by Mass Spectra	Conforms to standard
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¹H NMR	Conforms to structure
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Purity by HPLC	97.36%
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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