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Certificate of Analysis

Catalogue Number	02201
Lot Number	000424-151225-11812
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>^ε-Boc-L-lysine dicyclohexylammonium salt Z-L-Lys(Boc)-OH•DCHA
CAS Number	2212-76-2
Molecular Formula	C ₁₉ H ₂₈ N ₂ O ₆ ·C ₁₂ H ₂₃ N
Molecular Weight	561.7
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Appearance	White powder
Solubility	Clear Solution (0.3g in 2ml AcOH)
Melting Point	156.6 - 159.7 °C
Elemental Analysis (Found)	< 5% (C,H,N)
Water Content (Karl Fisher)	0.13%
Optical Rotation	[α] ²⁰ _D = +8.3 °(C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.32% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.30%
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