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Certificate of Analysis

Catalogue Number	04907
Product	<i>N</i>^α-Boc-<i>N</i>^ω-(mesitylene-2-sulfonyl)-D-arginine cyclohexylammonium salt
Lot Number	000424-131011-30219 Boc-D-Arg(Mts)-OH•CHA
CAS Number	68262-72-6
Molecular Formula	C ₂₀ H ₃₂ N ₄ O ₆ ·C ₆ H ₁₃ N
Molecular Weight	555.74

Appearance	White powder
Solubility	Clear, solution (0.3 gram in 2 mL MeOH)
Water Content (Karl Fisher)	0.458%
Optical Rotation	[α] _{D20} = -11.3° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.49% (50 °C, 2 hr)
¹H NMR	Conforms to structure
Purity by HPLC	99.44%
Storage	Store at 0-8°C
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