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Certificate of Analysis

Catalogue Number	05454
Lot Number	121010-30205
Product	<i>N</i>^α-Boc-<i>N</i>^ω-(mesitylene-2-sulfonyl)-L-arginine cyclohexylammonium salt Boc-L-Arg(Mts)-OH•CHA
CAS Number	68262-71-5
Molecular Formula	C ₂₀ H ₃₂ N ₄ O ₆ S•C ₆ H ₁₃ N
Molecular Weight	555.74

Appearance	White powder
Solubility	Clear solution (0.3g in 2mL MeOH)
Water Content (Karl Fisher)	0.84%
Optical Rotation	[α] _D ²⁰ = +11.1° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Loss on Drying	0.47% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.14%
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