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Certificate of Analysis

Catalogue Number	01331
Lot Number	000424-150702-30209
Product	<i>N</i>^α-Boc-<i>N</i>^ω-(mesitylene-2-sulfonyl)-L-arginine Boc-L-Arg(Mts)-OH
CAS Number	136625-03-1
Molecular Formula	C ₂₀ H ₃₂ N ₄ O ₆ S
Molecular Weight	456.57

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Water Content (Karl Fisher)	0.37%
Optical Rotation	[α] _D ²⁰ = +4° (C=1% in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.37% (35 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.92%
Storage	Store at ≤ -15 °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