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Certificate of Analysis

Catalogue Number	00035
Product	Boc-Arg(Tos)-OH
Lot Number	000424-160929-30201
	Boc-N ^ω -4-toluenesulfonyl-L-arginine
CAS Number	13836-37-8
Molecular Formula	C ₁₈ H ₂₈ N ₄ O ₆ S
Molecular Weight	428.5
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	100.9 - 105.0 °C
Optical Rotation	[α] _D ²⁰ = -3.9 ° (C=4 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.27% (40 °C, 2h)
¹H NMR	Conforms to structure
D-Enantiomer	0.2044%
Purity by HPLC	98.30%
Purity by TLC	> 98%
Chiral Purity	99.79% (ee)
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