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Certificate of Analysis

Catalogue Number 05474
Lot Number 000424-201008-30232
Product ***N*^α-Boc-*N*^{ω,ω'}-bis-*Z*-D-arginine**

Boc-D-Arg(Z)₂-OH

CAS Number 145881-13-6
Molecular Formula C₂₇H₃₄N₄O₈

Molecular Weight 542.6

Appearance White powder
Solubility Clear solution (0.1 g in 2 mL DMF)
Melting Point 135.7 - 136.6 °C
Water Content (Karl Fisher) 0.08%
Optical Rotation [α]²⁰_D = 4.9 ° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.10% (50 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98%
Storage Store at ≤ -4 °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