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Certificate of Analysis

Catalogue Number	04964
Lot Number	000424-160329-22146
Product	<i>N</i>^α-Fmoc-<i>N</i>^γ-allyloxycarbonyl-L-2,4-diaminobutyric acid Fmoc-L-Dab(Aloc)-OH
CAS Number	204316-32-5
Molecular Formula	C ₂₃ H ₂₄ N ₂ O ₆
Molecular Weight	424.45
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Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	139.3-139.7 °C
Water Content (Karl Fisher)	0.21%
Infrared Spectrum	Conforms to structure
Loss on Drying	0.03% (70 °C, 2h)
¹H NMR	Conforms to structure
D-Enantiomer	0.0186%
Purity by HPLC	99.20%
Chiral Purity	99.98% (ee)
Storage	Store at 0-8 °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