

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02418
Lot Number	000424-120505-37008
Product	Fmoc-L-α-tert-butylglycine

Fmoc-L- α -tert-butyl-Gly-OH

Fmoc-L-Tle-OH

CAS Number	132684-60-7
Molecular Formula	C ₂₁ H ₂₃ NO ₄
Molecular Weight	353.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	124.9-126.1 °C
Water Content (Karl Fisher)	0.56%
Optical Rotation	[α] _D ²⁰ = -18.4° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.015% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.00%
Storage	Store at 0-8 °C

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Lot Number: 000424-120505-37008

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager