

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03752
Lot Number	000424-181111-36665
Product	Fmoc-L-glutamic acid γ-tert-butyl ester α-N-hydroxysuccinimide ester Fmoc-L-Glu(OtBu)-OSu
CAS Number	101214-22-6
Molecular Formula	C ₂₈ H ₃₀ N ₂ O ₆
Molecular Weight	522.55

Appearance	White powder
Solubility	Clear solution (0.3g in 2ml DMF)
Melting Point	161.6 - 163.4 °C
Optical Rotation	[α] _D ²⁰ = -30 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.20% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.58%
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