

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	07335
Product	Fmoc-3,4-dimethoxy-L-phenylalanine
Lot Number	000424-190912-25324
	Fmoc-L-Phe(3,4-Dimethoxy)-OH
CAS Number	184962-88-7
Molecular Formula	C ₂₆ H ₂₅ NO ₆
Molecular Weight	447.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	148.8 - 150.3 °C
Water Content (Karl Fisher)	2.47%
Optical Rotation	[α] _D ²⁰ = -27.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	2.14% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.88%
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