

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:


825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	02392
Product	Fmoc-L-aspartic acid β-benzyl ester
Lot Number	000424-210730-36519 Fmoc-L-Asp(OBzl)-OH
CAS Number	86060-84-6
Molecular Formula	C ₂₆ H ₂₃ NO ₆
Molecular Weight	445.5
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	122.2 - 123.6 °C
Water Content (Karl Fisher)	0.16%
Optical Rotation	[α] _D ²⁰ = -18.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.08% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.97%
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