

Chem-Impex International, Inc.

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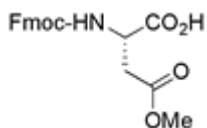
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	14831
Product	Fmoc-L-aspartic acid β-methyl ester
	Fmoc-L-Asp(OMe)-OH
CAS Number	145038-53-5
Molecular Formula	C ₂₀ H ₁₉ NO ₆
Molecular Weight	369.37

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	> 120 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -33.0 ± 3° (C=1% in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only