

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

Product Specifications

Catalogue Number	04314
Product	Fmoc-D-aspartic acid α-<i>tert</i>-butyl ester Fmoc-D-Asp-OtBu
CAS Number	134098-70-7
Molecular Formula	C ₂₃ H ₂₅ NO ₆
Molecular Weight	411.5
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	103-109 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] _D ²⁰ = +24 ± 2° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (50 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only