Chem-Impex International, Inc.

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935 Dillon Drive 825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 02449

Lot Number 000424-140920-35803

Product Fmoc-L-proline pentafluorophenyl ester

Fmoc-L-Pro-OPfp

(S)-Fmoc-pyrrolidine-2-carboxylic acid pentafluorophenyl ester

 CAS Number
 86060-90-4

 Molecular Formula
 C₂₆H₁₈NO₄F₅

Molecular Weight 503.4

Appearance White powder

Solubility Clear solution (0.3 g in 2 ml DMF)

Melting Point 126.0-126.3 °C

Optical Rotation [a]_D²⁰ = -59.2° (c=1% in CHCl3)

Infrared Spectrum

Analysis by Mass Spectra

Conforms to structure

Conforms to standard

0.11% (50 °C for 2 hours)

H NMR

Conforms to structure

Purity by HPLC 99.50%

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