Chem-Impex International, Inc.

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Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 16866

935 Dillon Drive

Lot Number 002494-20170216

Froduct Fmoc-D-β-homoproline

Fmoc-D-β-HomoPro-OH

Fmoc-(R)-2-(2-Pyrrolidinyl)acetic acid

825 Dillon Drive

CAS Number 193693-61-7 Molecular Formula C₂₁H₂₁NO₄

Molecular Weight 351.4

Appearance White to off-white powder

Optical Rotation $[a]_D^{20} = +41.1 \pm 1^{\circ} (C=1 \text{ in DMF})$

13C NMR Conforms to structure
1H NMR Conforms to structure

Purity by HPLC 99.61%

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