Chem-Impex International, Inc.

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Shipping and Correspondence: Manufacturing site:

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 12775

935 Dillon Drive

Lot Number 000705-266289

Product Fmoc- N^{ω} -(2,2,5,7,8-pentamethyl-chromane-6-

sulfonyl)-L-β-homoarginine

825 Dillon Drive

 $Fmoc\text{-}L\text{-}\beta\text{-}HomoArg(Pmc)\text{-}OH$

CAS Number 700377-76-0 Molecular Formula C₃₆H₄₄N₄O₇S

Molecular Weight 676.84

Appearance White solid

TLC System Butanol/Pyridine/Acetic Acid/H2O (5:5:1:4) Single spot

Butanol/Acetic Acid/H2O (4:1:2) Single spot

Visualized with: UV/Iodine

Optical Rotation [a]_D²⁵ = -6.18° (C=1, in CHCl₃)

Analysis by Mass Spectra Conforms to standard

¹H NMR Conforms to structure

Purity by HPLC 98% at 254 nm

97.0 at 210 nm

Chiral Purity 100% (ee)

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