

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 16643
Product **Fmoc-(R)-3-Thienylglycine**

Lot Number 000705-304061
Fmoc-D-(3-thienyl)glycine

CAS Number 1217706-09-6
Molecular Formula C₂₁H₁₇NO₄S

Molecular Weight 379.43

Appearance White powder
TLC System Chloroform/Methanol/Acetic acid (90:8:2): Single spot
Chloroform/Methanol/Benzene/Water (8:8:8:1): Single spot
Visualized with UV/Iodine

Optical Rotation [α]_D²⁵ = -61.54° (C=1 in DMF)

¹H NMR Conforms to structure

LCMS Conforms to structure

Purity by HPLC 99.3%

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