

# Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number	15697
Lot Number	275695
Product	<b>Fmoc-(R)-3-amino-3-(2-thienyl)propionic acid</b>

*Fmoc-(R)-3-amino-3-(2-thienyl)propionic acid*

CAS Number	511272-45-0
Molecular Formula	C <sub>22</sub> H <sub>19</sub> NO <sub>4</sub> S
Molecular Weight	393.46

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Appearance	White powder
Melting Point	183-185 °C
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benezene/Water (8:8:8:1) Single spot Visualized with UV/Iodine
Optical Rotation	[α] <sub>D</sub> = +38.7° (C=1 in DMF)
Purity by HPLC	98%
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