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Certificate of Analysis

Catalogue Number	15704
Lot Number	000705-180510-24717
Product	Fmoc-(S)-3-amino-3-(3-thienyl)propionic acid

Fmoc-D-β-Ala-(3-thienyl)-OH

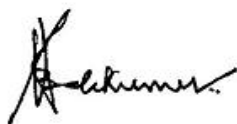
CAS Number	507472-09-5
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Molecular Formula	C ₂₂ H ₁₉ NO ₄ S
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Molecular Weight	393.46
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Appearance	White powder
TLC System	Chloroform/ methanol/ acetic acid (90:8:2) single spot Chloroform/ methanol/ benzene/ water (8:8:8:1) single spot Visualized with: UV/Iodine
Optical Rotation	[α] _D ²⁵ = - 47.2° (C=1 in H ₂ O)
¹ H NMR	Conforms to structure
LCMS	Conforms to structure
Purity by HPLC	99.8%
Chiral Purity	99.5% (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