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Certificate of Analysis

Catalogue Number	16860
Lot Number	000705-121667
Product	Boc-3-(Fmoc-aminomethyl)-D-phenylalanine

Boc-D-Phe(3-CH₂NHFmoc)-OH

Boc-*m*-(Fmoc-aminomethyl)-D-Phe-OH

CAS Number	1213080-68-2
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Molecular Formula	C ₃₀ H ₃₂ N ₂ O ₆
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Molecular Weight	516.58
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Appearance	White powder
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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
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Optical Rotation	[α] _D ²⁵ = +10.7° (C=1 in DMF)
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Analysis by Mass Spectra	Conforms to structure
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¹H NMR	Conforms to structure
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Purity by HPLC	97.3% at 210 nm 97.4% at 254 nm
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Chiral Purity	> 99% (ee)
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Storage	Store at 0-8 °C
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Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager