

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	29702
Product	(S)-Fmoc-3-amino-4,4,4-trifluoro-butyric acid
Lot Number	000424-181229-25508
CAS Number	1310680-31-9
Molecular Formula	C ₁₉ H ₁₆ F ₃ NO ₄
Molecular Weight	379.34

Appearance	White solid
Optical Rotation	[α] _D ²⁰ = -11.24° (C=1 in DMF)
Analysis by Mass Spectra	Conforms to standard
Related Substances	Not identified
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
Other Enantiomer	≤ 0.5%
Purity by HPLC	98.8%
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