

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	33478
Lot Number	000129-180386
Product	(R)-2-Azido-3-(Fmoc-amino)propanoic acid N ₃ -D-Dap(Fmoc)-OH
CAS Number	1807631-13-5
Molecular Formula	C ₁₈ H ₁₆ N ₄ O ₄
Molecular Weight	352.3

Appearance	White crystalline powder
Melting Point	149 - 151 °C
Optical Rotation	[α] ²⁰ _D = 49.3 ° (C=1 in DMF)
Assay by titration	99.1%
Chiral HPLC	> 99.9% (ee)
L-Enantiomer	< 0.1%
Purity by HPLC	99.8%
Purity by TLC	> 99%
Storage	Store at 2 - 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