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Certificate of Analysis

Catalog Number	02684
Product Name	Boc-Asp(O_Fm)-OH Boc-L-aspartic acid β-9-fluorenylmethyl ester
Lot Number	184-0601
CAS Registry Number	117014-32-1
Molecular Formula	C ₂₃ H ₂₅ NO ₆
Molecular Weight	411.50
Appearance	White powder
Melting Point	139-141 °C
¹H NMR Spectrum	Complies with the structure
Mass: m/e+Na	433.71
Mass: m/e+K	449.63
CHN-Analysis	
Elemental Analysis (Theory)	C 67.14% H 6.12% N 3.40%
Elemental Analysis (Found)	C 67.14% H 6.16% N 3.46%
Purity (HPLC)	99.35%
HPLC Conditions	
Mobile Phase	Buffer A 0.1% TFA in Water Buffer B 0.1% TFA in Acetonitrile
Gradient	40-95% B in 15 min
Flow Rate	1.0 ml/min
Wavelength (UV)	280 nm
Column	Vydac C18 4.6 x 250 mm
Storage	Store at 0-8 °C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Quality Control Manager