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Certificate of Analysis

Catalog Number	03182
Product Name	Fmoc-Cysteinol(Acm) Fmoc-S-acetamidomethyl-L-cysteinol
Lot Number	3182-11299-V
Molecular Formula	C ₂₁ H ₂₄ N ₂ O ₄ S
Molecular Weight	400.5
Melting Point	135-137°C
Optical Rotation	[α] _D = -31.89° (c=1, MeOH)
Chromatography	CHCl ₃ /CH ₃ OH/AcOH 90:10;2 R _f =0.50 (single spot)
HPLC	Purity > 98 % vYDAC c ₁₈ COLUMN, Gradient elution 40-90% B in 25 min. t _R 9.85 min, λ=214 nm, flow rate 1ml/min injection 1 µl of 0.5% solution in methanol >98% A=Water:TFA 100:0.5 B=CH ₃ CN: Water:TFA 90:10:0.38
¹H NMR	~ 98 % NMR spectrum consent with predicted structure, Bruker 250 MHZ in DMSO
Storage	Store at -0°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



Sashi Kumar
Quality Control Manager

