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Certificate of Analysis

Catalog Number	02671
Product Name	Fmoc-N-Me-D-Phe-OH Fmoc-N-methyl-D-phenylalanine
Lot Number	2671-12899-V
Molecular Formula	C ₂₅ H ₂₃ NO ₄
Molecular Weight	401.5
Optical Rotation	$\alpha_D^{20} = +65.2$ (C=1;MeOH)
Melting Point	126-128°C
Purity (HPLC)	>98%
Chromatography	CH ₂ Cl ₂ :Acetone: 19:1 R _f =0.3(Single spot) EtAc:Hexane; 1:1 R _f =0.5 (Single spot)
HPLC	Vydac C ₁₈ COLUMN, Gradient elution 50-90% B;flow rate 1ml/min t _R = 15.9 min; $\epsilon = 220$ nm A=Water:TFA (100:0,5) B=Acetonitrile:Water:TFA (90:10:0.38)
TLC	R _f 0.24(CHCl ₃ :MeOH:AcOH=50:1:0,2) R _F 0.59(AcOEt:MeOH:AcOH=20:1:0,2)
Storage	Store at 0-5°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