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Certificate of Analysis

Catalog Number	02676
Product Name	Fmoc-N-Me-Tyr(Bzl)-OH Fmoc-N-methyl-O-benzyl-L-tyrosine
Lot Number	2676-020900-V
Molecular Formula	C ₃₂ H ₂₉ NO ₅
Molecular Weight	507.6
Melting Point	65-67°C (crystals from chloroform/cyclohexane)
Specific Rotation(α)_D	-38.1°C (C=1; acetone)
Chromatography	Dichloromethane:methanol:acetic acid 19:0.5:0.1 R _f
TLC	0.34 Acetonitrile :chloroform:acetic acid 8:1:1 R _f 0.79
HPLC	Purity 98.4 %, Vydac C ₁₈ COLUMN, Gradient elution 60-95% in 25 min., t _R 13.1 min, ε=214 nm, flow rate 1ml/min, injection 1 µl of 0.5% solution in methanol A=Water:trifluoroacetic acid (100:0.5) B=Acetonitrile:Water:trifluoroacetic acid (84:16:0.38)
Storage	Store in cooler.
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

