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Certificate of Analysis

Catalogue Number	33620
Lot Number	000705-295915
Product	Fmoc-D-2,6-dimethyltyrosine Fmoc-D-Tyr(2,6-DiCH ₃)-OH
CAS Number	854300-32-6
Molecular Formula	C ₂₆ H ₂₅ NO ₅
Molecular Weight	431.48

Appearance	Off-white powder
TLC System	Chloroform / Methanol / Acetic acid : 90/8/2 (Single spot) Chloroform / Methanol / Benzene / Water : 8/8/8/1 (Single spot) Visualized with : UV/Iodine
Optical Rotation	[α] ²⁵ _D = 23.49 ° (C=1 in DMF)
¹H NMR	Conforms to structure
Chiral HPLC	99.09% (ee)
LCMS	Conforms to standard
L-Enantiomer	0.91%
Purity by HPLC	99.13% (210 nm) 98.28% (254 nm)
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