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Certificate of Analysis

Catalog Number	02409
Product Name	Fmoc-Gln(Mbh)-OH Fmoc-N ^δ -4,4'-dimethoxybenzhydryl-L-glutamine
Lot Number	506800
CAS Registry Number	113534-17-1
Molecular Formula	C ₃₅ H ₃₄ N ₂ O ₇
Molecular Weight	594.70
Appearance	White powder
Solubility	Clear, colorless solution (50 mg/ml in Methanol/Chloroform (1/1))
Specific Optical Rotation	$\alpha_D^{24} = -6.6^\circ$ (1% in Dimethylformamide)
Identification (TLC)	Complies with authentic material
Assay by TLC	> 98%
Chloroform/methanol/acetic acid 85/10/5	Detected by: UV, Ninhydrin, Chlorine-Tolidine
Ethylacetate/pyridine/acetic acid/H₂O 60/10/3/4	
Chloroform/methanol/acetic acid/H₂O 70/42/0.5/10	
Chloroform/methanol/acetic acid 90/8/2	
Plate: Silicagel 60 F₂₅₄	
Water Content (KF Volumetric)	0.2%
Residual Organic Solvents (GC)	0.2% Ethylacetate 2.1% Dioxane 2.1% Isopropyl Ether
Effective Content	95.6%
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

Quality Control Manager