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Certificate of Analysis

Catalogue Number	07059
Lot Number	0571969
Product	Fmoc-N^ω-(2,2,5,7,8-pentamethylchroman-6-sulfonyl)-L-homoarginine Fmoc-L-HomoArg(Pmc)-OH
CAS Number	214852-52-5
Molecular Formula	C ₃₆ H ₄₄ N ₄ O ₇ S
Molecular Weight	676.8

Appearance	White powder
Appearance of Solution	Clear, colorless solution (50mg/ml in methanol)
TLC System	Chloroform/Methanol/Toluene/H ₂ O (8:8:8:1) Chloroform/Methanol/Acetic Acid/H ₂ O (85:13:0.5:1.5) Chloroform/Methanol/Acetic acid (85:10:5) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Residual Solvents	0.96% IPE; 0.75% Hexane; 4.36% DMF
Assay	99.5% (Elemental analysis, Cth 63.89%, Cfd 63.60%)
Assay by titration	92.2% (TBAH)
Purity by HPLC	99.0% (TFA)
Purity by TLC	> 99%
Storage	Store at RT
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