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Certificate of Analysis

Catalogue Number 30320
Lot Number 001529-503345
Product **Fmoc-Tyr(tBu)-Ser[Psi^(Me,Me)Pro]-OH**

Fmoc-Tyr(tBu)-Ser[Ψ^(Me,Me)Pro]-OH

CAS Number 878797-09-2
Molecular Formula C₃₄H₃₈N₂O₇

Molecular Weight 586.68

Appearance White powder
Solubility Clear colorless to slightly colored solution (5% in MeOH)
Water Content (Karl Fisher) 0.5%
Optical Rotation [α]_D²⁵ = -46.5° (C=1 in MeOH)
Related Substances Single impurity: 0.8% (HPLC)
Fmoc-beta-ala-OH: < 0.1%
Other amino acids: < 0.2%
Other enantiomer: D-Leu: < 0.1%, D-Ser.: 0.1%
Assay 100.7% (TMAH Titration)
Purity by HPLC 98%
Purity by TLC Chloroform/Methanol/Acetic Acid/H₂O (90:10:0.5:1): > 99%
Chloroform/Methanol/Acetic Acid 32% (15:4:1): > 99%
Storage Store at ≤ -4 °C

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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