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Certificate of Analysis

Catalogue Number 05682
Lot Number 000127-0519217
Product **Fmoc-S-2-hydroxyethyl-L-cysteine**

Fmoc-L-Cys(2-hydroxyethyl)-OH

Fmoc-(S)-2-amino-3-(ethanolthio)propanoic acid

CAS Number 200354-35-4

Molecular Formula C₂₀H₂₁NO₅S

Molecular Weight 387.46

Appearance White powder

Solubility Clear colorless solution (50 mg/mL in Dioxane)

Elemental Analysis (Theory) C=62.00%; H=5.46%; N=3.62%

Elemental Analysis (Found) C=61.84%; H=5.40%; N=3.60%

TLC System Chloroform/Methanol/Toluene/water (8:8:8:1)
Chloroform/Methanol/Acetic Acid (98-100%)/Water (45:13:1:2)
Plate: silicagel 60 F₂₅₄
detected by: UV, ninhydrin, TMB

Purity by HPLC 98.5% (TFA @ 260 nm)

Purity by TLC > 98%

Storage Store at 0-8°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