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Certificate of Analysis

Catalogue Number 14295
Lot Number 000127-1023581
Product ***N*^α-Fmoc-*N*^{im}-benzyl-D-histidine**

Fmoc-D-His(Bzl)-OH

Molecular Formula C₂₈H₂₅N₃O₄

Molecular Weight 467.5

Appearance White powder

Solubility Clear, colorless solution (50 mg/ml in methanol/chloroform 1:1)

TLC System Ethyl acetate/Pyridine/Acetic acid/H₂O (60:20:6:11)
Chloroform/Methanol/Acetic Acid (77.5:15:7.5)
Chloroform/MeOH/Acetic acid/H₂O (70:42:0.5:10)
Plate: Silica gel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Optical Rotation [α]_D²⁴ = -111.7° (C=1% in Chloroform)

Assay 99.7% (Nth 8.99%, Nfd 8.96%)

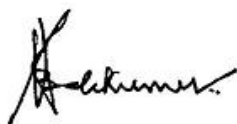
Purity by HPLC 99.9%

Purity by TLC > 99%

Storage Store at 0-8 °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