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Certificate of Analysis

Catalogue Number 05515
Product **Boc-D-Phe-Pro-OH**

Lot Number 000127-1025976

CAS Number 38675-10-4

Molecular Formula C₁₉H₂₆N₂O₅

Molecular Weight 362.43

Appearance White powder

Appearance of Solution Clear, colorless solution (50mg/mL in methanol)

Elemental Analysis (Theory) C=63.0%, H=7.2%, N=7.7%

Elemental Analysis (Found) C=63.0%, H=7.2%, N=7.7%

TLC System Chloroform/methanol/benzene/water (8:8:8:1)
Chloroform/methanol/acetic acid (90:8:2)
Benzene /dioxane/acetic acid (95:25:4)
Plate: Silicagel 60 F₂₅₄
Detected by : UV, ninhydrin, chlorine-tolidine

Optical Rotation [α]²⁴_D = - 56.6 ° (C=1% in methanol)

Analysis by Mass Spectra Conforms to standard

¹H NMR Conforms to standard

Purity by TLC > 99%

Storage Store at RT

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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