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Certificate of Analysis

| | |
|--|---|
| Catalog Number | 04119 |
| Product Name | Boc-Phe(3,4-DiF)-OH |
| Lot Number | 4119-080504-1 |
| CAS Registry Number | 198474-90-7 |
| Molecular Formula | C ₁₄ H ₁₇ F ₂ NO ₄ |
| Molecular Weight | 301.3 |
| Appearance | Off-white powder |
| Melting Point | 96 – 99 °C |
| Specific Rotation [α] _D ²⁰ | + 16.1 ° (c=1.051 % in EtOAc) |
| Purity (HPLC) | 99+ % |
| Storage | Store at -0°C. |
| Remarks | See Material Safety Data Sheets for additional information. For Laboratory use only |



Sashi Kumar
Quality Control Manager

HPLC Conditions

| | |
|--|--|
| Column | Beckman Ultrasphere 5 μ m, 250x4.6 mm, 150 Å |
| Guard Column | Supel Guard LC-18-DB, 2 cm |
| Retention Time, min | 12.85 |
| Sample preparation | 2 mg/1 mL 100% Acetonitrile/Water |
| Injection volume, μl | 5 |

Method /Detection at, nm

Gradient

30-80% B

A = 99.9% Water, 0.1% TFA

B = 95% Acetonitrile, 4.9% Water, 0.1% TFA

30 min, flow rate = 1.0 mL / min

Boc / 210