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Certificate of Analysis

| | |
|--------------------------|---|
| Catalog Number | 06545 |
| Product Name | Z-Orn(Fmoc)-OH Z-N ^δ -Fmoc-L-ornithine |
| Lot Number | 06545-021306-1 |
| Molecular Formula | C ₂₈ H ₂₈ N ₂ O ₆ |
| Molecular Weight | 488.5 |
| Appearance | White powder |
| Melting Point | 96-99 °C |
| Optical Rotation | -2.25 ° (c=1.0, DMF) |
| Purity (HPLC) | 98% |
| Storage | Store at 0-5°C. |
| Remarks | See material safety data sheets for additional information. For laboratory use only. |

Quality Control Manager

HPLC Conditions

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|--|--|
| Column | Beckman Ultrasphere 5 μ m, 250x4.6 mm, 150 Å |
| Guard Column | Supel Guard LC-18-DB, 2 cm |
| Retention Time, min | 11.18 |
| Sample preparation | 2 mg/1 ml 100% Acetonitrile/Water |
| Injection volume, μl | 5 |
| Method /Detection at, nm | Gradient |
| | 40-90% A(2) |
| | A = 99.9% Water, 0.1% TFA |
| | B = 95% Acetonitrile, 4.9% Water, 0.1% TFA |
| | 30 min, flow rate = 1.0 ml / min |

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