

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|-------------------------|--|
| Catalogue Number | 05766 |
| Lot Number | 000424-190125-23007 |
| Product | Fmoc-β-cyclopropyl-L-Alanine |

Fmoc-Ala(β -cyclopropyl)-OH

| | |
|--------------------------|---|
| CAS Number | 214750-76-2 |
| Molecular Formula | C ₂₁ H ₂₁ NO ₄ |
| Molecular Weight | 351.3 |

| | |
|------------------------------------|--|
| Appearance | White powder |
| Solubility | Clear solution (0.3 g in 2 mL DMF) |
| Melting Point | 159.8 - 161.7 °C |
| Water Content (Karl Fisher) | 0.05% |
| Optical Rotation | [α] _D ²⁰ = -15.2 ° (C=1 in DMF) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | 0.10% (70 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Chiral HPLC | 99.98% (ee) |
| D-Enantiomer | 0.02% |
| Purity by HPLC | 99.43% |
| 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