

# Chem-Impex International, Inc.

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## Product Specifications

|                          |                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 07417                                                                                             |
| <b>Product</b>           | <b>Fmoc-β-(3-thienyl)-D-alanine</b><br>Fmoc-D-Ala-3-(3-thienyl)-OH<br>(R)-N-Fmoc-3-thienylalanine |
| <b>CAS Number</b>        | 220497-90-5                                                                                       |
| <b>Molecular Formula</b> | C <sub>22</sub> H <sub>19</sub> NO <sub>4</sub> S                                                 |
| <b>Molecular Weight</b>  | 393.4                                                                                             |

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|--------------------------|-----------------------|
| <b>Appearance</b>        | Pale white solid      |
| <b><sup>1</sup>H NMR</b> | Conforms to structure |
| <b>Chiral HPLC</b>       | ≥ 98% (ee)            |
| <b>L-Enantiomer</b>      | ≤ 2%                  |
| <b>Purity by HPLC</b>    | ≥ 99%                 |
| <b>Storage</b>           | Store at 0 - 8 °C     |

**For Laboratory Use Only**