

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 15398

**Product**

**Fmoc-(3-thienyl)-L- $\beta$ -homoalanine**

Fmoc-L- $\beta$ -HomoAla(3-thienyl)-OH

Fmoc-(S)-3-amino-4-(3-thienyl)butyric acid

**CAS Number** 270263-01-9

**Molecular Formula** C<sub>23</sub>H<sub>21</sub>NO<sub>4</sub>S

**Molecular Weight** 407.48

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**Appearance** White powder

**Melting Point** 156-162 °C

**TLC System** Chloroform/Methanol/Acetic acid (90:8:2) Single spot  
Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot  
Visualized with UV/Iodine

**Optical Rotation** [a]<sub>D</sub><sup>25</sup> = -11 ± 1° (C=1 in DMF)

**Purity by HPLC** ≥ 98%

**Storage** Store at 0-8 °C

**For Laboratory Use Only**