

# Chem-Impex International, Inc.

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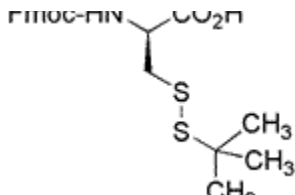
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

**Catalogue Number** 05695

**Product** **Fmoc-S-tert-butylthio-D-cysteine**

Fmoc-D-Cys(StBu)-OH

**CAS Number** 501326-55-2

**Molecular Formula** C<sub>22</sub>H<sub>25</sub>NO<sub>4</sub>S<sub>2</sub>

**Molecular Weight** 431.6

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**Appearance** White to off white powder

**Solubility** Clearly soluble (50 mg in 1 mL Dioxane)

**Melting Point** 66-77 °C

**TLC System** Chloroform/Methanol/Benzene/Water (8:8:8:1): ≥ 98%  
Chloroform/Ethyl acetate/Acetic acid (25:25:2): ≥ 98%  
Benzene/Dioxane/Acetic Acid (95:25:4): ≥ 98%

**Optical Rotation** [α]<sub>D</sub><sup>25</sup> = +85 ± 2° (C=1% in EtOAc)

**Purity by HPLC** ≥ 98%

**Purity by TLC** ≥ 98%

**Storage** Store at ≤ -4 °C

**For Laboratory Use Only**