

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 05682  
**Product** **Fmoc-S-2-hydroxyethyl-L-cysteine**

Fmoc-L-Cys(2-hydroxyethyl)-OH

Fmoc-(S)-2-amino-3-(ethanalthio)propanoic acid

**CAS Number** 200354-35-4

**Molecular Formula** C<sub>20</sub>H<sub>21</sub>NO<sub>5</sub>S

**Molecular Weight** 387.46

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**Appearance** White powder

**Solubility** Clear colorless solution (50 mg/mL in Dioxane)

**Elemental Analysis (Theory)** C=62.00%; H=5.46%; N=3.62%

**Elemental Analysis (Found)** C=62.00 ± 0.5%; H=5.46 ± 0.5%; N=3.62 ± 0.5%

**TLC System** Chloroform/Methanol/Toluene/water (8:8:8:1)  
Chloroform/Methanol/Acetic Acid/Water (45:13:1:2)  
Plate: silicagel 60 F<sub>254</sub>  
detected by: UV, ninhydrin, TMB

**Purity by HPLC** ≥ 98%

**Purity by TLC** ≥ 98%

**Storage** Store at 0-8°C

**For Laboratory Use Only**