

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

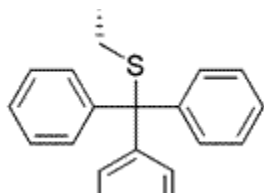
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

**Catalogue Number** 01404  
**Product** **S-Trityl-L-cysteine**

L-Cys(Trt)-OH

(+)-S-Trityl-L-cysteine

**CAS Number** 2799-07-7

**Molecular Formula** C<sub>22</sub>H<sub>21</sub>NO<sub>2</sub>S

**Molecular Weight** 363.5

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**Appearance** White to off-white powder

**Solubility** Clear solution (0.3 g in 2 mL AcOH)

**Melting Point** 155-170 °C

**Water Content (Karl Fisher)** ≤ 1%

**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = +113 ± 6° (C=0.8% in 0.04 M Ethanolic HCl)

**Infrared Spectrum** Conforms to structure

**Analysis by Mass Spectra** Conforms to standard

**Loss on Drying** ≤ 2% (70 °C, 2h)

**<sup>1</sup>H NMR** Conforms to structure

**Purity by HPLC** ≥ 98%

**Storage** Store at 0-8 °C

**For Laboratory Use Only**