

# *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** 15462

**Product** **(R)- $\alpha$ -(3-Chlorobenzyl)proline•HCl**

**CAS Number** 637020-80-5

**Molecular Formula** C<sub>12</sub>H<sub>15</sub>Cl<sub>2</sub>NO<sub>2</sub>

**Molecular Weight** 276.16

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**Appearance** White powder

**Melting Point** 252-258 °C

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

**Optical Rotation** [a]<sub>D</sub><sup>25</sup> = -32 ± 2° (C=1 in 1N HCl)

**Purity by HPLC** ≥ 98%

**Storage** Store at 0-8 °C

**For Laboratory Use Only**