

# 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

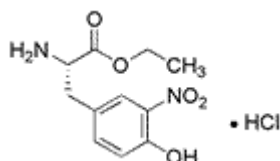
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 20971  |
| <b>Product</b>           | <b>3-Nitro-L-tyrosine ethyl ester hydrochloride</b><br>H-3-Nitro-Tyr-OEt•HCl |
| <b>CAS Number</b>        | 66737-54-0   |
| <b>Molecular Formula</b> | C <sub>11</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub> •HCl           |
| <b>Molecular Weight</b>  | 290.7  |

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|                                    |  |
|------------------------------------|--|
| <b>Appearance</b>                  | Yellow powder  |
| <b>Solubility</b>                  | Clear solution (0.3 g in 2 mL DMF)                     |
| <b>Melting Point</b>               | 178 - 184 °C   |
| <b>Water Content (Karl Fisher)</b> | ≤ 2%   |
| <b>Optical Rotation</b>            | [α] <sub>D</sub> <sup>20</sup> = -5 ± 1 ° (C=1 in DMF) |
| <b>Infrared Spectrum</b>           | Conforms to structure                                  |
| <b>Analysis by Mass Spectra</b>    | Conforms to standard                                   |
| <b><sup>1</sup>H NMR</b>           | Conforms to structure                                  |
| <b>Purity by HPLC</b>              | ≥ 99%  |
| <b>Storage</b>                     | Store at 0-8 °C  |

**For Laboratory Use Only**