

# Chem-Impex International, Inc.

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## Product Specifications

|                          |                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 41583                                                                                                                    |
| <b>Product</b>           | <b>(1'R,3R)-(+)-1-(1'-Phenvlethyl)-5-oxo-3-</b><br><b>(3R)-5-Oxo-1-[(1R)-1-phenylethyl]pyrrolidine-3-carboxylic acid</b> |
| <b>CAS Number</b>        | 99735-43-0                                                                                                               |
| <b>Molecular Formula</b> | C <sub>13</sub> H <sub>15</sub> NO <sub>3</sub>                                                                          |
| <b>Molecular Weight</b>  | 233.26                                                                                                                   |

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|--------------------------|----------------------------------------------|
| <b>Appearance</b>        | White to off-white solid                     |
| <b>Melting Point</b>     | 210 - 213 °C (Lit.)                          |
| <b>Optical Rotation</b>  | [α] <sub>20</sub> /D = 103 ° (C = 1 in NaOH) |
| <b>Infrared Spectrum</b> | Conforms to structure                        |
| <b><sup>1</sup>H NMR</b> | Conforms to structure                        |
| <b>Purity by GC</b>      | ≥ 97%                                        |
| <b>Storage</b>           | Store at RT                                  |

**For Laboratory Use Only**