

# Chem-Impex International, Inc.

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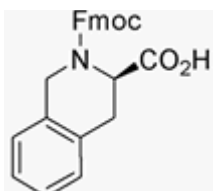
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                          |                                                                     |
|--------------------------|---------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 02602                                                               |
| <b>Product</b>           | <b>Fmoc-(3R)-1,2,3,4-tetrahydroisoquinoline-3-</b><br>Fmoc-D-Tic-OH |
| <b>CAS Number</b>        | 130309-33-0                                                         |
| <b>Molecular Formula</b> | C <sub>25</sub> H <sub>21</sub> NO <sub>4</sub>                     |
| <b>Molecular Weight</b>  | 399.4                                                               |

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|------------------------------------|----------------------------------------------------------|
| <b>Appearance</b>                  | White to off-white powder                                |
| <b>Solubility</b>                  | Clear solution (0.3 g in 2 mL DMF)                       |
| <b>Melting Point</b>               | 152 - 168 °C                                             |
| <b>Water Content (Karl Fisher)</b> | ≤ 2%                                                     |
| <b>Optical Rotation</b>            | [α] <sub>D</sub> <sup>20</sup> = -26 ± 2 ° (C=1 in MeOH) |
| <b>Infrared Spectrum</b>           | Conforms to structure                                    |
| <b>Analysis by Mass Spectra</b>    | Conforms to standard                                     |
| <b>Loss on Drying</b>              | ≤ 2%                                                     |
| <b><sup>1</sup>H NMR</b>           | Conforms to structure                                    |
| <b>Purity by HPLC</b>              | ≥ 98%                                                    |
| <b>Storage</b>                     | Store at 0 - 8 °C                                        |

**For Laboratory Use Only**