

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                         |   |
|-------------------------|---|
| <b>Catalogue Number</b> | 30535   |
| <b>Lot Number</b>       | 000129-16191                                    |
| <b>Product</b>          | <b>(2R,3R)-(Fmoc-amino)-3-azidobutyric acid</b> |

Fmoc-D-Abu(3R-N<sub>3</sub>)-OH

|                          |   |
|--------------------------|---|
| <b>CAS Number</b>        | 1229394-75-5  |
| <b>Molecular Formula</b> | C <sub>19</sub> H <sub>18</sub> N <sub>4</sub> O <sub>4</sub> |
| <b>Molecular Weight</b>  | 366.4   |

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|                           |   |
|---------------------------|---|
| <b>Appearance</b>         | White crystalline powder                              |
| <b>Melting Point</b>      | 152-154 °C  |
| <b>Optical Rotation</b>   | [α] <sub>D</sub> <sup>20</sup> = -12.6° (C=1 in MeOH) |
| <b>Assay by titration</b> | 100.2%  |
| <b>Other Enantiomer</b>   | (2S,3S)-Isomer content: 0.01%                         |
| <b>Purity by HPLC</b>     | 98.9%   |
| <b>Purity by TLC</b>      | > 99%   |
| <b>Storage</b>            | Store at 0-8 °C                                       |

|                |  |
|----------------|--|
| <b>Remarks</b> | See material safety data sheet for additional information<br>For laboratory use only |
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager