

# ***Chem-Impex International, Inc.***

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## ***Product Specifications***

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| <b>Catalogue Number</b>  | 50062                                                          |
| <b>Product</b>           | <b>Biotin-PEG<sub>3</sub>-hydrazide</b>                        |
| <b>CAS Number</b>        | 1381861-94-4                                                   |
| <b>Molecular Formula</b> | C <sub>19</sub> H <sub>35</sub> N <sub>5</sub> SO <sub>6</sub> |
| <b>Molecular Weight</b>  | 461.58                                                         |

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|---------------------------------|--------------------------------------------------|
| <b>Appearance</b>               | White powder                                     |
| <b>Analysis by Mass Spectra</b> | (M+H <sup>+</sup> ) : 462                        |
| <b>Storage Requirements</b>     | Extremely sensitive to the Temperature and Light |
| <b><sup>1</sup>H NMR</b>        | Conforms to structure                            |
| <b>Purity by HPLC</b>           | ≥ 98%                                            |
| <b>Purity by TLC</b>            | Single spot                                      |
| <b>Storage</b>                  | Store at ≤ -20 °C                                |

**For Laboratory Use Only**