

# *Chem-Impex International, Inc.*

---

**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

---

## *Product Specifications*

<b>Catalogue Number</b>	03803
<b>Product</b>	<b>Boc-L-methionine N-hydroxysuccinimide ester</b> Boc-L-Met-OSu
<b>CAS Number</b>	3845-64-5
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>22</sub> N <sub>2</sub> O <sub>6</sub> S
<b>Molecular Weight</b>	346.4

---

<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.1 g in 2mL DMF)
<b>Melting Point</b>	123 - 127 °C
<b>Water Content (Karl Fisher)</b>	≤ 2%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -23 ± 1 ° (C=2 in Dioxane)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 2% (60 °C, 2h)
<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**