

# *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>	41472
<b>Product</b>	<b>(S)-4-Boc-3-morpholineacetic acid</b> (S)-N-Boc-3-carboxymethyl-morpholine (S)-1-Boc-morpholin-3-ylacetic acid
<b>CAS Number</b>	839710-38-2
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>19</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	245.27

---

<b>Appearance</b>	White to off-white powder
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> = 36 ° (C = 2 in methylene Chloride)
<b>Purity by HPLC</b>	≥ 97%
<b>Chiral Purity</b>	≥ 97% (ee)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**