

# *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>	05476
<b>Product</b>	<b>Boc-D-aspartic acid <math>\beta</math>-cyclohexyl ester</b>  Boc-D-Asp(OcHex)-OH
<b>CAS Number</b>	112898-18-7
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>25</sub> NO <sub>6</sub>
<b>Molecular Weight</b>	315.4

---

<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3g in 2mL DMF)
<b>Melting Point</b>	90-100 °C
<b>Water Content (Karl Fisher)</b>	≤ 2.0%
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = +20 ± 3° (C-1 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 2.0% (45° C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**