

# Chem-Impex International, Inc.

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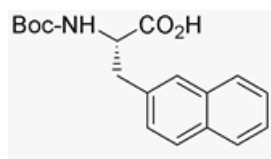
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	02586
<b>Product</b>	<b>Boc-3-(2-naphthyl)-L-alanine</b> Boc-L-Ala(2-naphthyl)-OH Boc-(S)-2-amino-3-(naphthalen-2-yl)propanoic acid
<b>CAS Number</b>	58438-04-3
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>21</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	315.2

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<b>Synonym 3</b>	Boc-Ala(2-naphthyl)-OH
<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear Solution (0.3g in 2mL DMF)
<b>Melting Point</b>	~ 95 °C
<b>Water Content (Karl Fisher)</b>	≤ 1.0%
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 45 ± 2 ° (C=2 in EtOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1.0% (40 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	≥ 99.5% (ee)
<b>D-Enantiomer</b>	≤ 0.5%
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**